

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085336.D
 Acq On : 10 Mar 2016 16:37
 Operator : UM/SJ
 Sample : PB88804BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88804BL

Quant Time: Mar 10 17:30:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:13:07 2016
 Response via : Initial Calibration

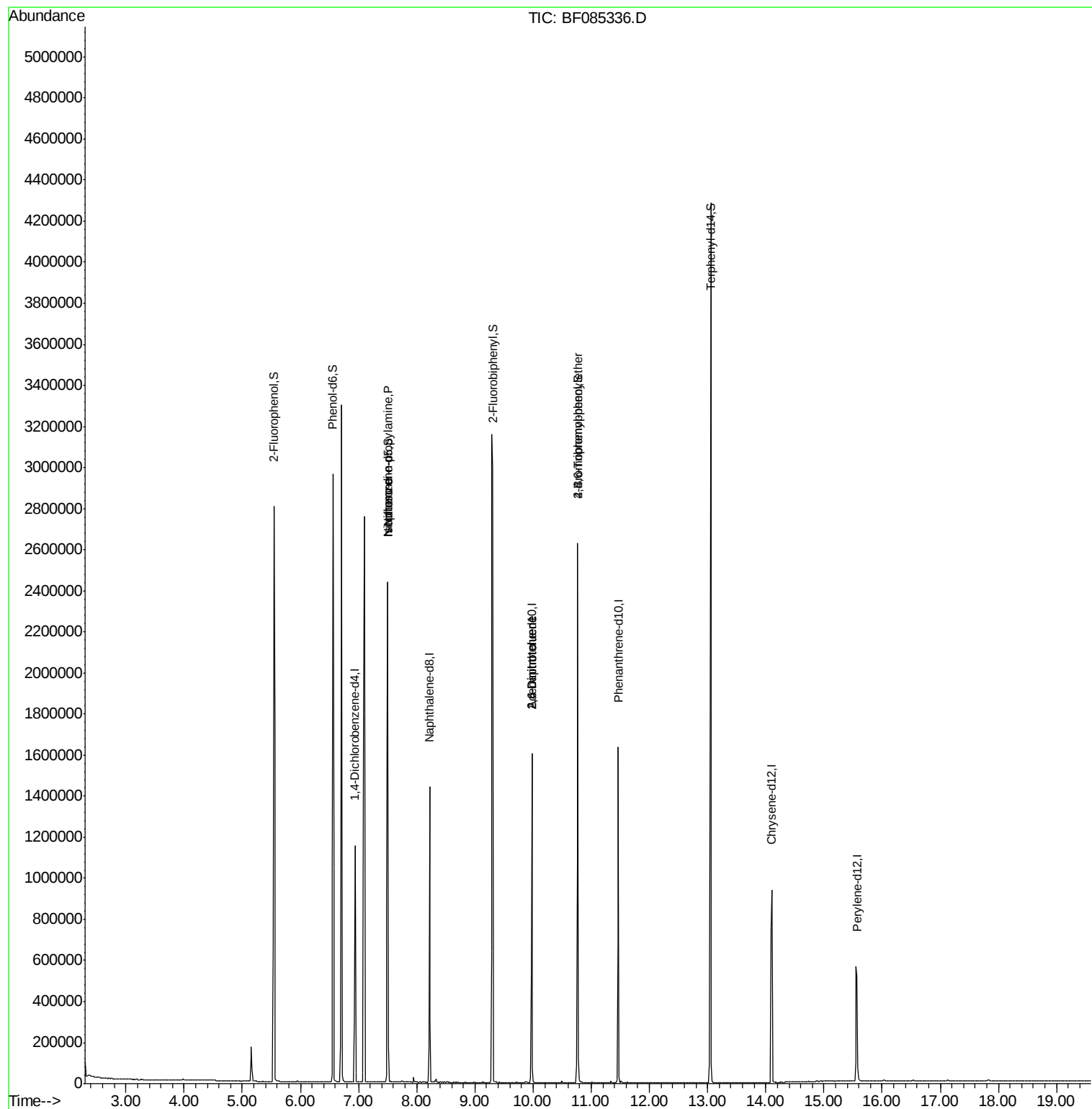
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	174911	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	656693	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	329260	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	650582	20.00	ng	0.00
75) Chrysene-d12	14.11	240	445384	20.00	ng	0.00
86) Perylene-d12	15.57	264	318471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1124693	107.86	ng	0.01
7) Phenol-d6	6.56	99	1361225	99.64	ng	0.00
23) Nitrobenzene-d5	7.50	82	863124	70.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	339007	120.33	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1617224	74.70	ng	0.00
78) Terphenyl-d14	13.05	244	1444070	75.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	115999	13.03	ng	# 77
25) Isophorone	7.50	82	855108	37.60	ng	# 67
50) 2,6-Dinitrotoluene	9.98	165	41765	7.73	ng	# 25
56) 2,4-Dinitrotoluene	9.98	165	41768	6.04	ng	# 22
66) 4-Bromophenyl-phenylether	10.77	248	24737	3.92	ng	# 1

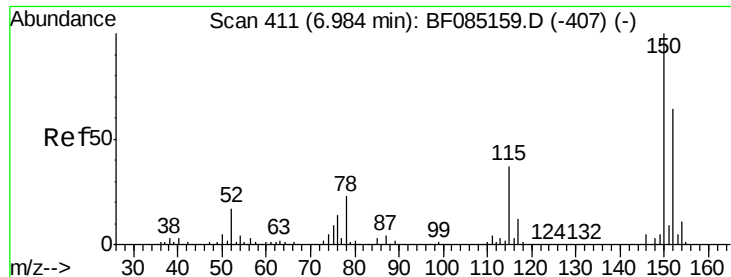
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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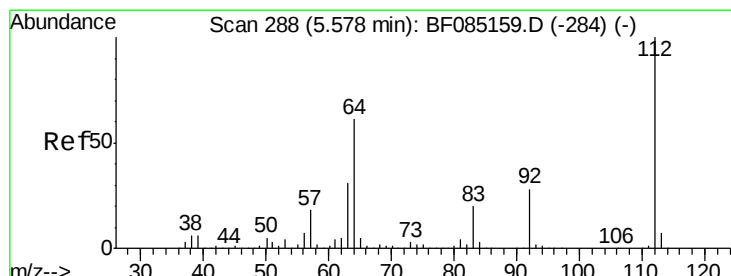
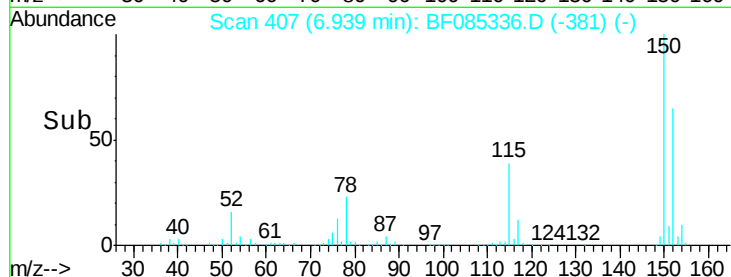
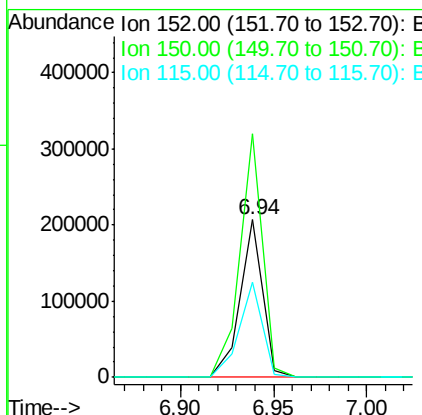
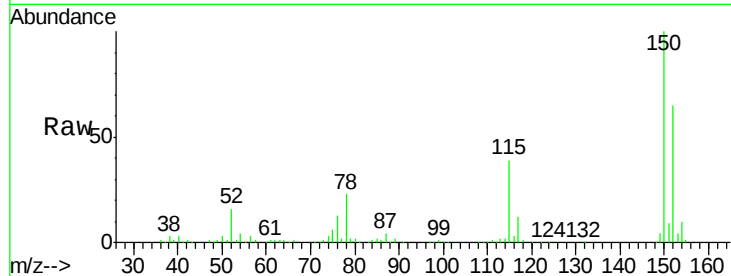




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BF085336.D
 Acq: 10 Mar 2016 16:37

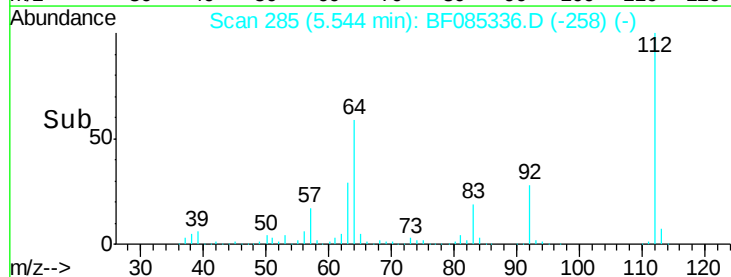
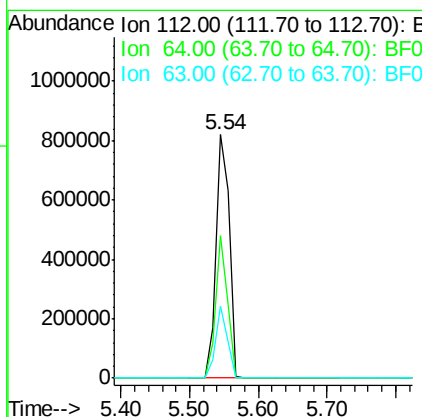
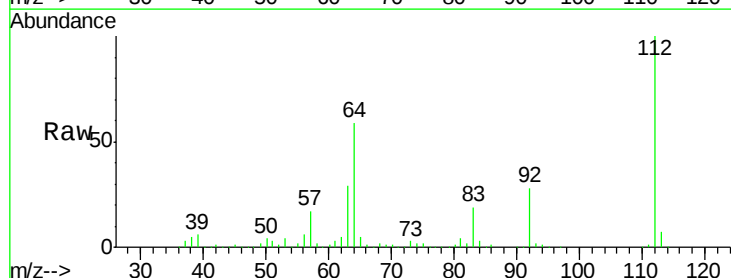
Instrument :
 BNA_F
 ClientSampleId :
 PB88804BL

Tgt Ion:152 Resp: 174911
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.6 186.8
 115 60.6 46.6 70.0



#5
 2-Fluorophenol
 Concen: 107.86 ng
 RT: 5.54 min Scan# 285
 Delta R.T. 0.01 min
 Lab File: BF085336.D
 Acq: 10 Mar 2016 16:37

Tgt Ion:112 Resp: 1124693
 Ion Ratio Lower Upper
 112 100
 64 58.7 49.0 73.4
 63 29.4 24.8 37.2





#7

Phenol-d6

Concen: 99.64 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF085336.D

Acq: 10 Mar 2016 16:37

Instrument :

BNA_F

ClientSampleId :

PB88804BL

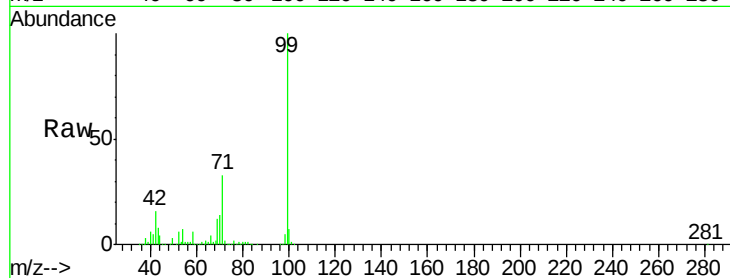
Tgt Ion: 99 Resp: 1361225

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

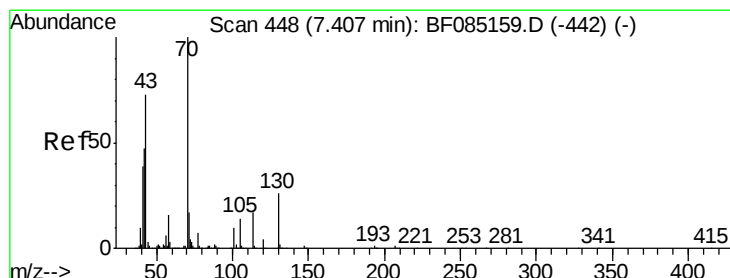
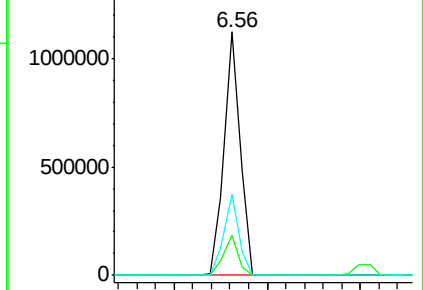
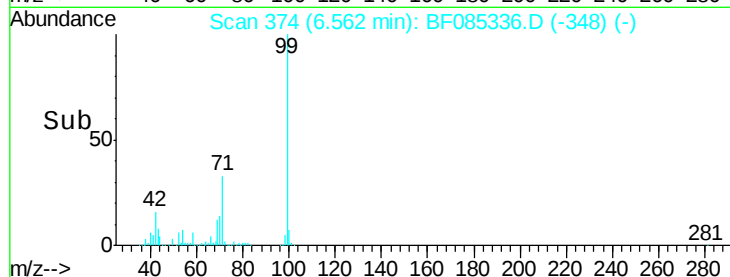
71 33.2 26.7 40.1



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: 13.03 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.14 min

Lab File: BF085336.D

Acq: 10 Mar 2016 16:37

Tgt Ion: 70 Resp: 115999

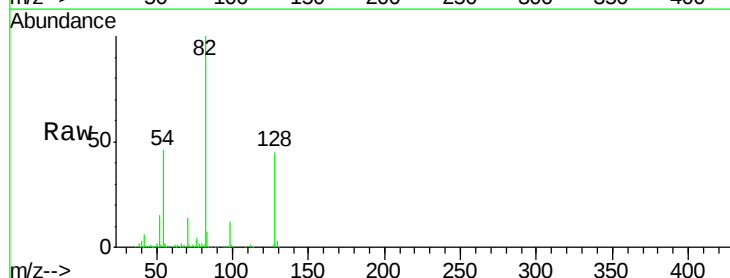
Ion Ratio Lower Upper

70 100

42 40.5 37.7 56.5

101 0.0 8.2 12.4#

130 2.1 20.5 30.7#

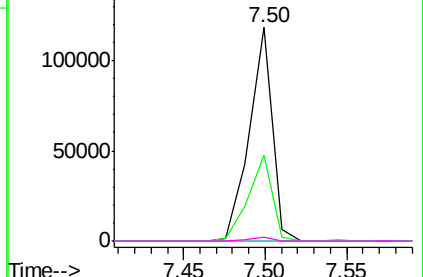
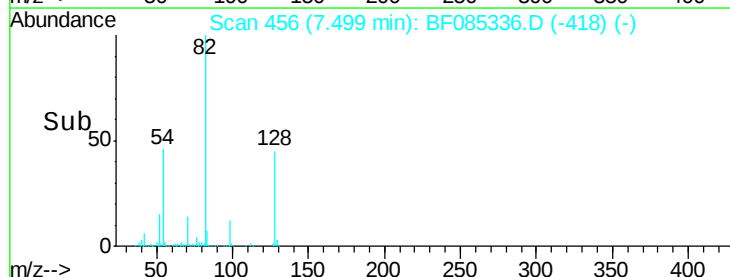


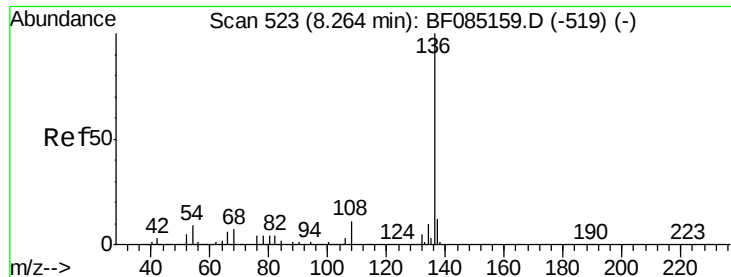
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

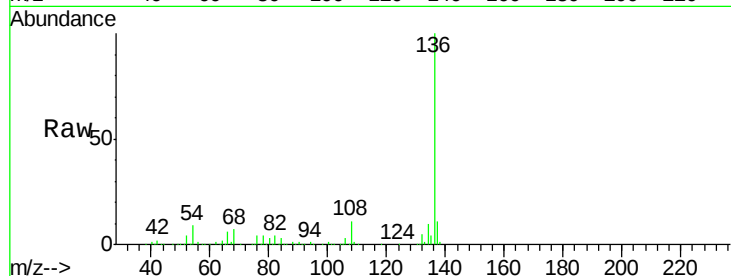




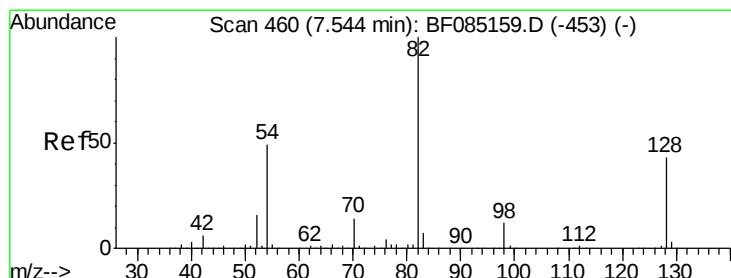
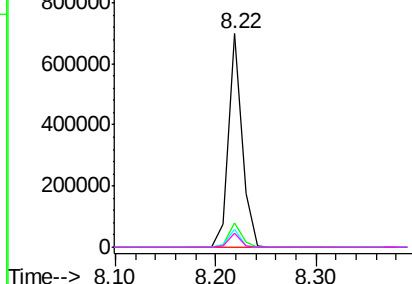
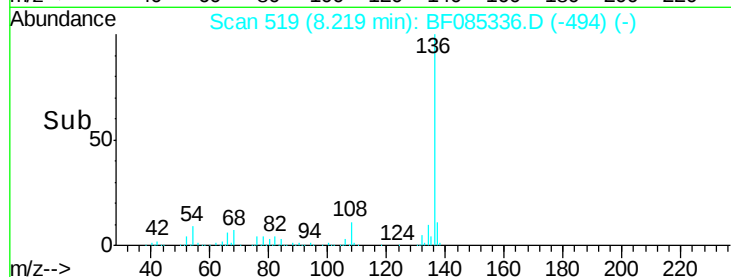
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF085336.D
Acq: 10 Mar 2016 16:37

Instrument :
BNA_F
ClientSampleID :
PB88804BL

Tgt Ion:	136	Resp:	656693
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.6	7.4	11.2
68	6.8	6.0	9.0

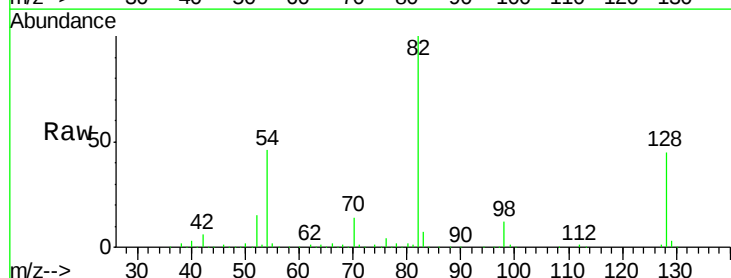


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

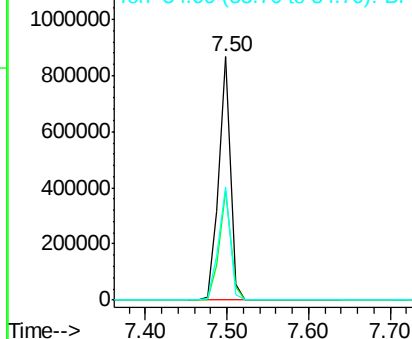
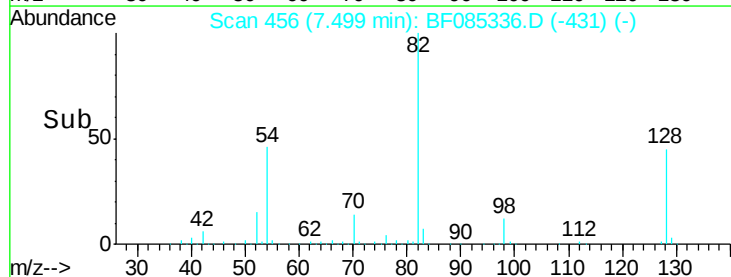


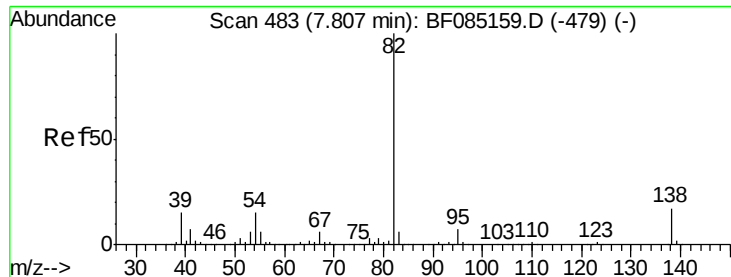
#23
Nitrobenzene-d5
Concen: 70.33 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF085336.D
Acq: 10 Mar 2016 16:37

Tgt Ion:	82	Resp:	863124
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.5	51.7
54	46.4	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

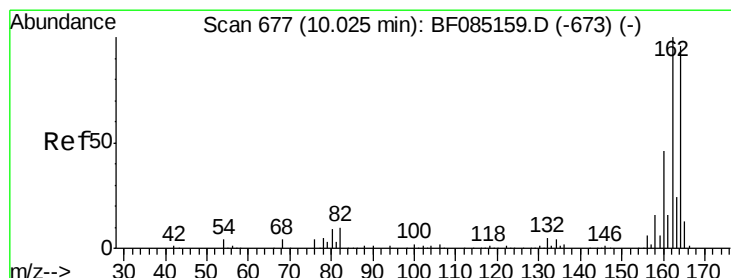
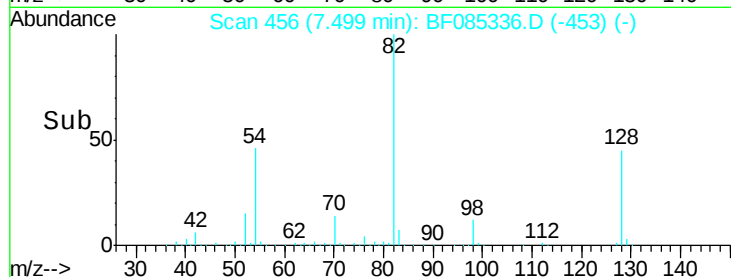
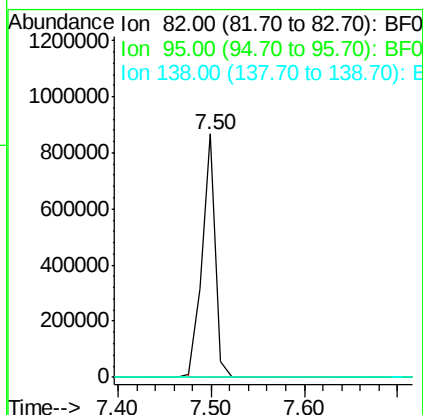
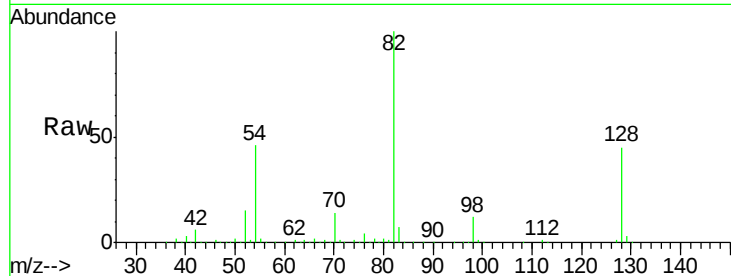




#25
Isophorone
Concen: 37.60 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.26 min
Lab File: BF085336.D
Acq: 10 Mar 2016 16:37

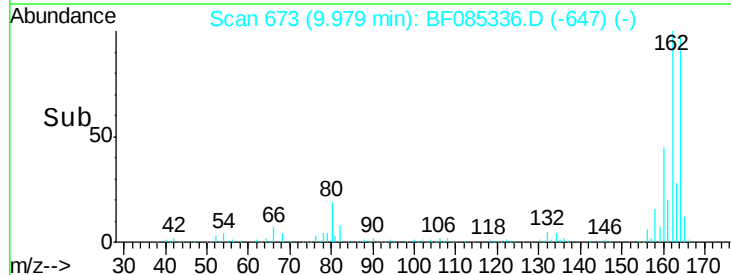
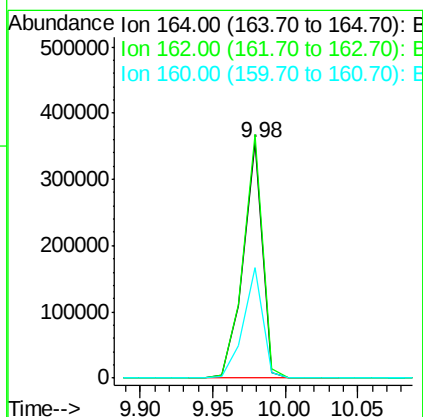
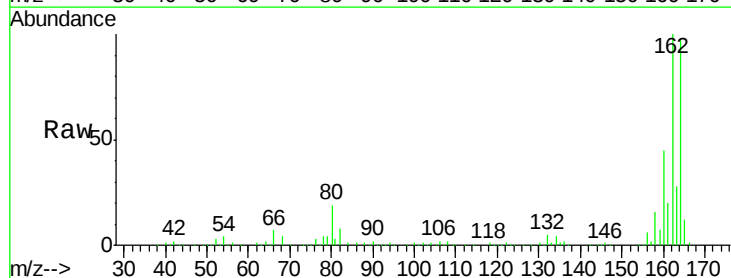
Instrument :
BNA_F
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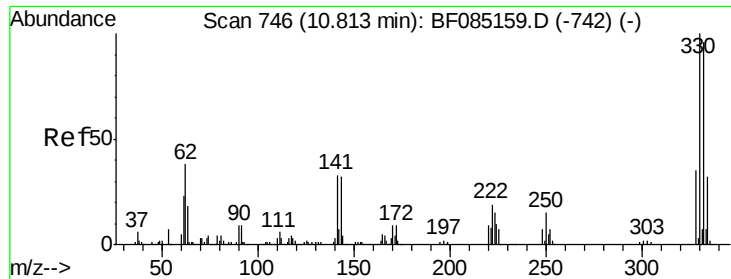
Tgt Ion: 82 Resp: 855108
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.3 19.9#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF085336.D
Acq: 10 Mar 2016 16:37

Tgt Ion: 164 Resp: 329260
Ion Ratio Lower Upper
164 100
162 103.2 83.3 124.9
160 46.8 37.9 56.9

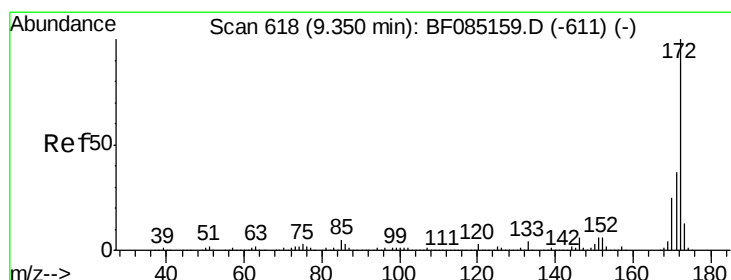
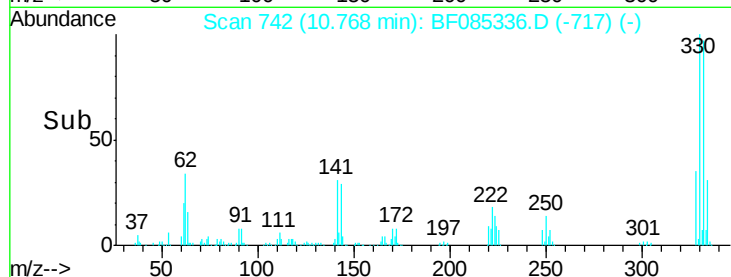
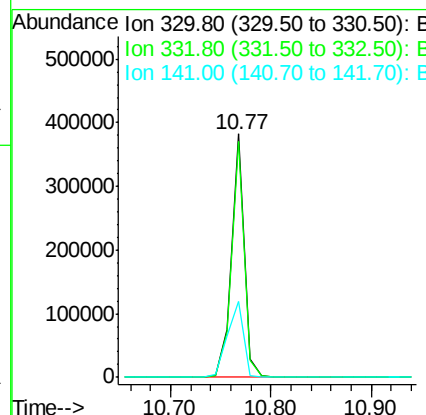
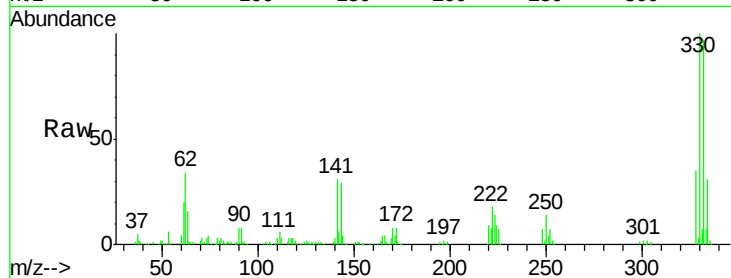




#41
 2,4,6-Tribromophenol
 Concen: 120.33 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF085336.D
 Acq: 10 Mar 2016 16:37

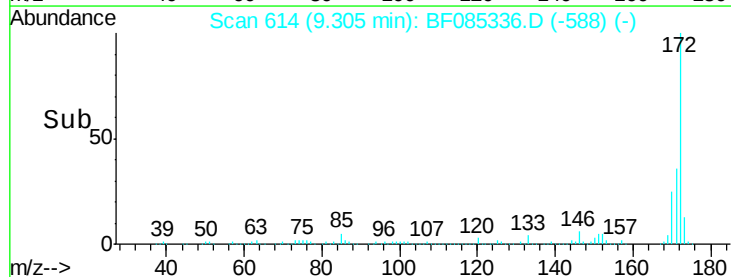
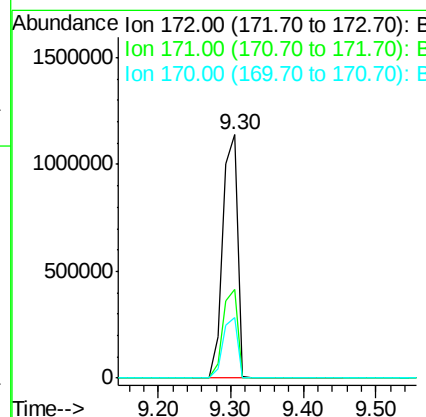
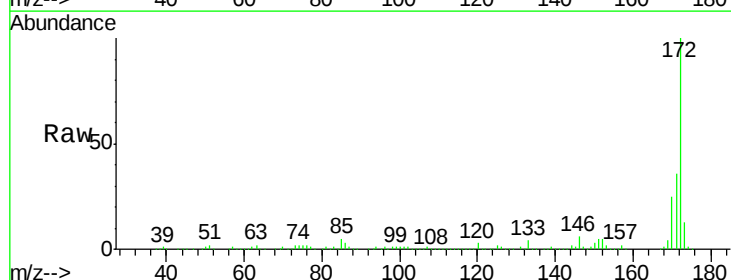
Instrument :
 BNA_F
 ClientSampleId :
 PB88804BL

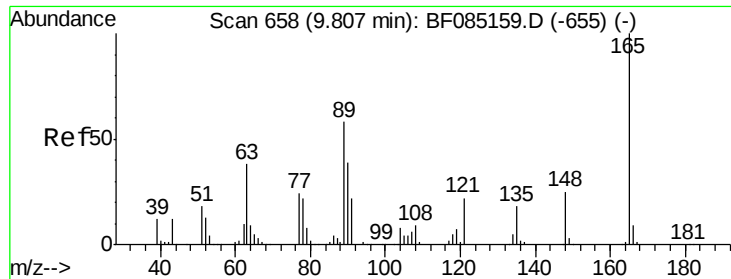
Tgt Ion:330 Resp: 339007
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.1 115.7
 141 39.1 35.0 52.6



#44
 2-Fluorobiphenyl
 Concen: 74.70 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085336.D
 Acq: 10 Mar 2016 16:37

Tgt Ion:172 Resp: 1617224
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.3 43.9
 170 24.7 20.0 30.0





#50

2,6-Dinitrotoluene

Concen: 7.73 ng

RT: 9.98 min Scan# 673

Delta R.T. 0.22 min

Lab File: BF085336.D

Acq: 10 Mar 2016 16:37

Instrument :

BNA_F

ClientSampleId :

PB88804BL

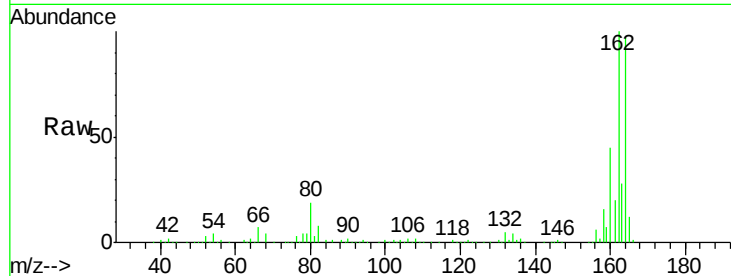
Tgt Ion:165 Resp: 41765

Ion Ratio Lower Upper

165 100

63 1.1 41.8 62.8#

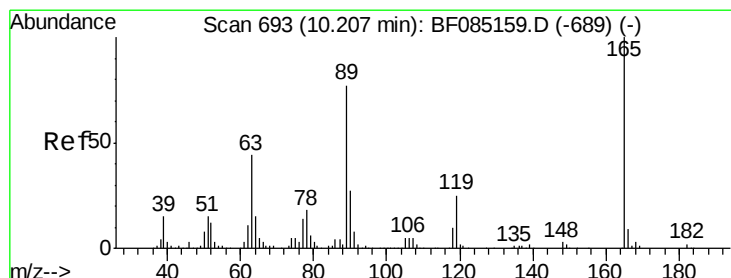
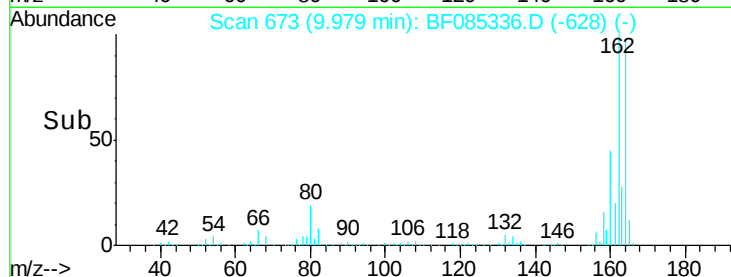
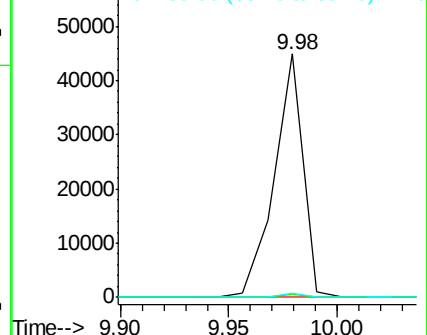
89 1.5 46.7 70.1#



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: 9.98 min Scan# 673

Delta R.T. -0.19 min

Lab File: BF085336.D

Acq: 10 Mar 2016 16:37

Tgt Ion:165 Resp: 41768

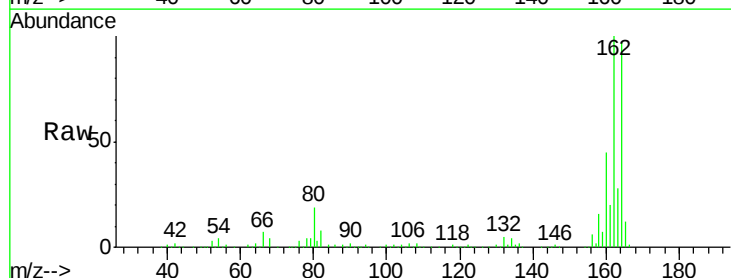
Ion Ratio Lower Upper

165 100

63 1.1 35.4 53.0#

89 1.5 61.9 92.9#

182 0.0 1.9 2.9#

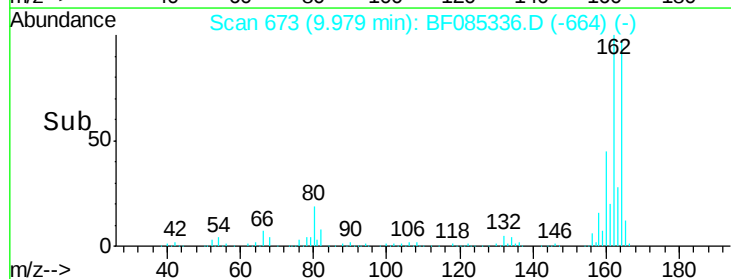
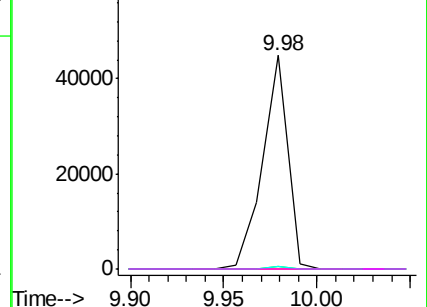


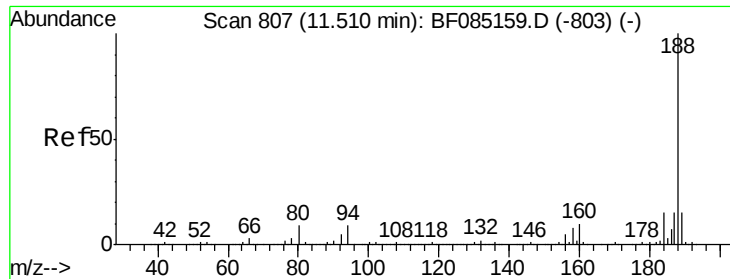
Abundance Ion 165.00 (164.70 to 165.70): E

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

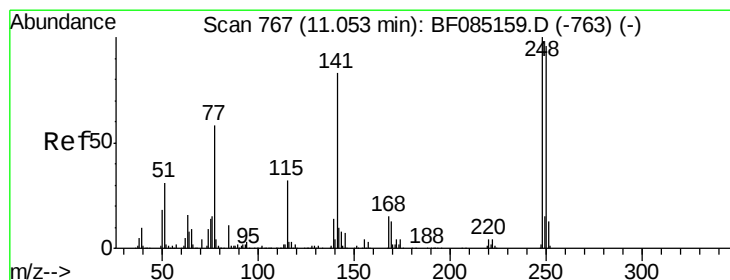
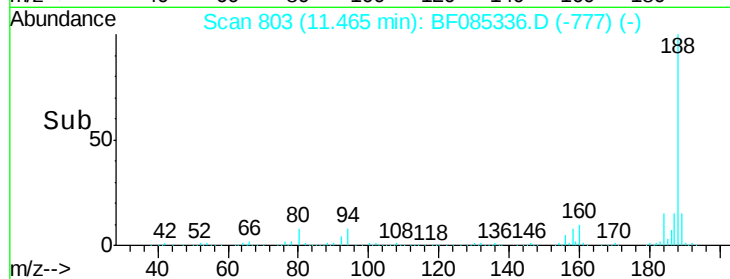
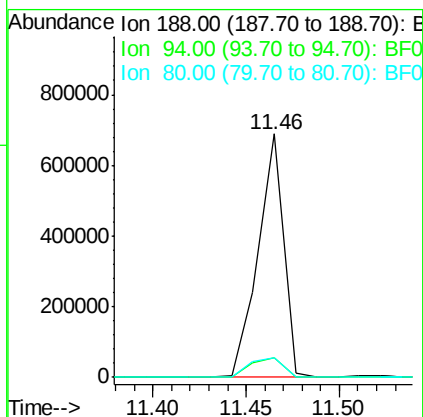
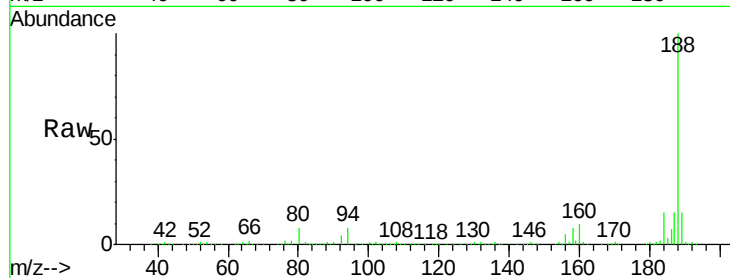




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF085336.D
 Acq: 10 Mar 2016 16:37

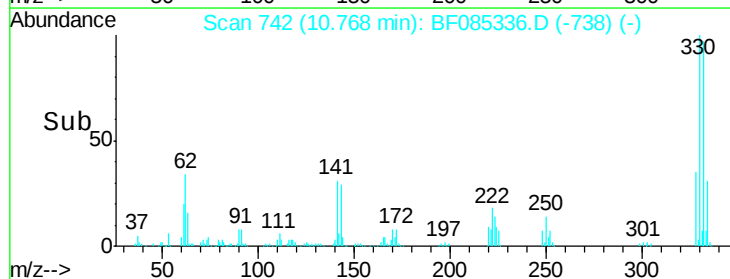
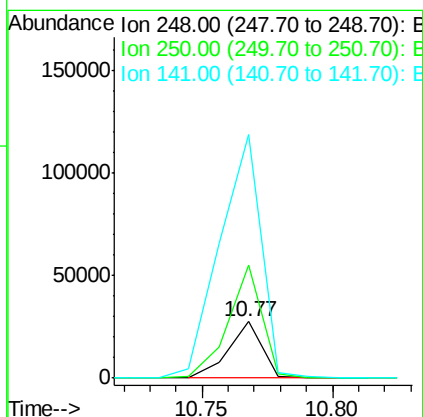
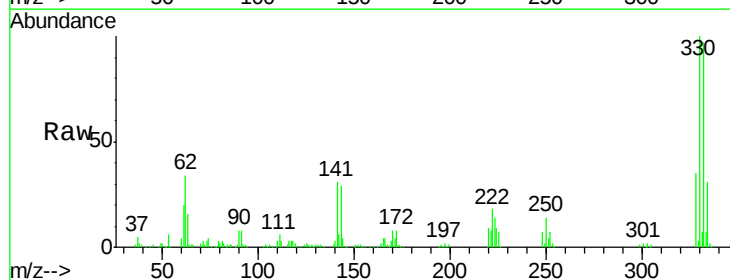
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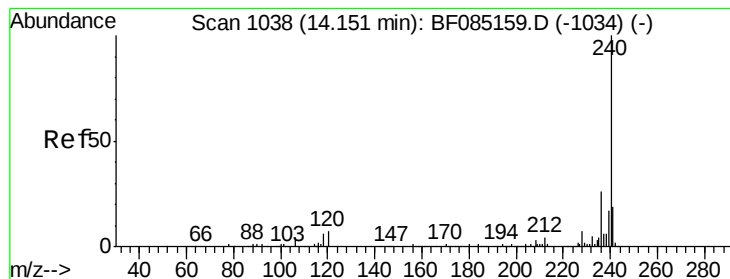
Tgt Ion:188 Resp: 650582
 Ion Ratio Lower Upper
 188 100
 94 8.0 7.0 10.6
 80 8.0 7.4 11.0



#66
 4-Bromophenyl-phenylether
 Concen: 3.92 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.25 min
 Lab File: BF085336.D
 Acq: 10 Mar 2016 16:37

Tgt Ion:248 Resp: 24737
 Ion Ratio Lower Upper
 248 100
 250 200.7 77.1 115.7#
 141 433.5 66.2 99.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF085336.D

Acq: 10 Mar 2016 16:37

Instrument :

BNA_F

ClientSampleId :

PB88804BL

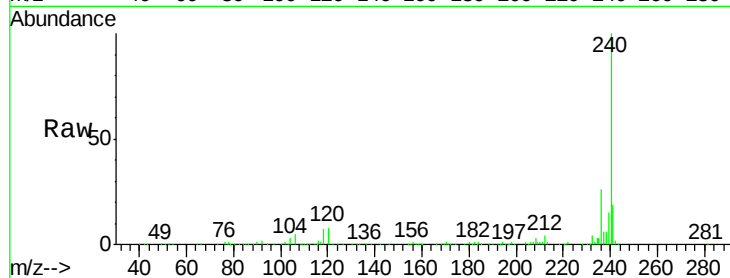
Tgt Ion:240 Resp: 445384

Ion Ratio Lower Upper

240 100

120 8.2 5.3 7.9#

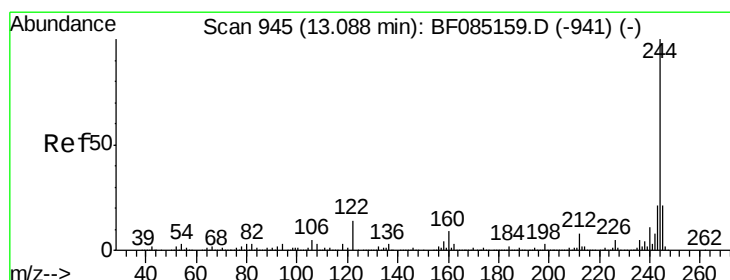
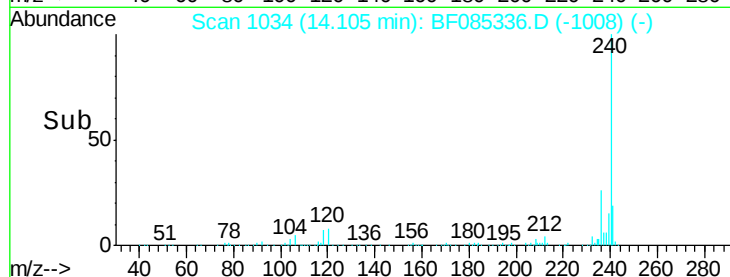
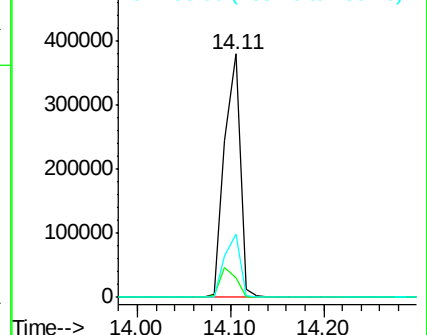
236 25.9 20.7 31.1



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: 75.27 ng

RT: 13.05 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF085336.D

Acq: 10 Mar 2016 16:37

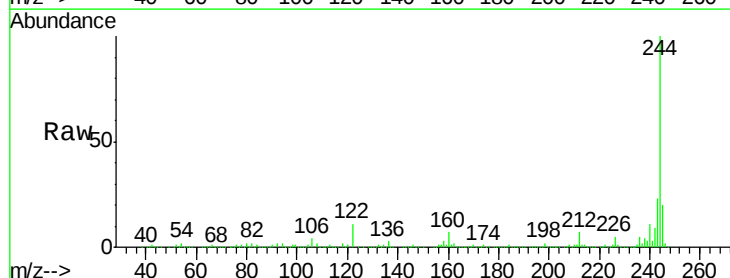
Tgt Ion:244 Resp: 1444070

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

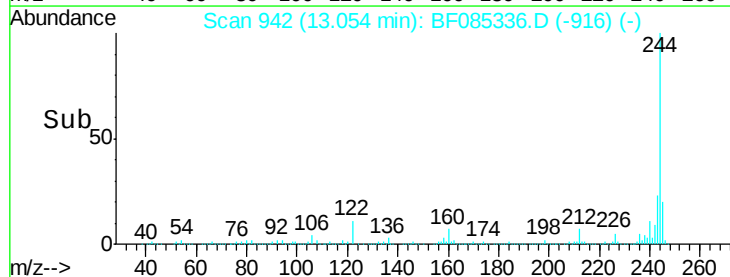
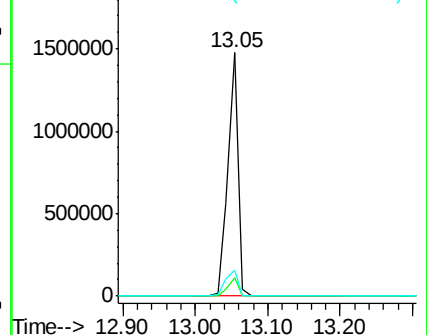
122 10.7 11.4 17.2#

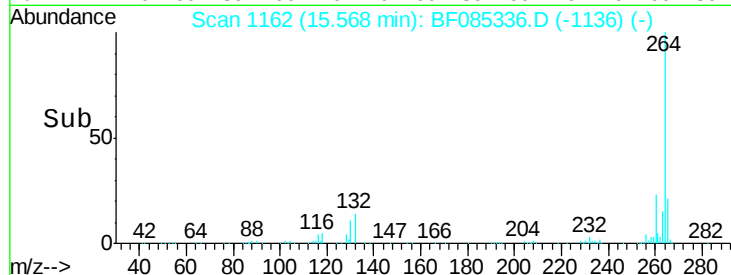
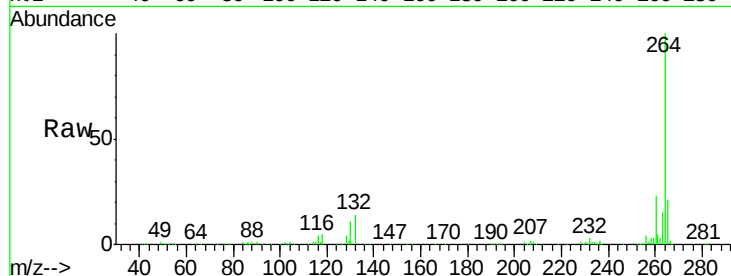
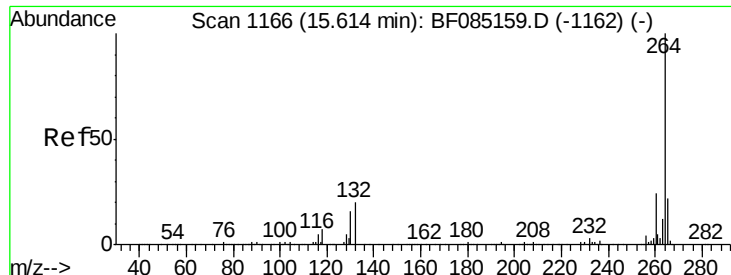


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF085336.D
Acq: 10 Mar 2016 16:37

Instrument :
BNA_F
ClientSampleId :
PB88804BL

Tgt Ion:	264	Resp:	318471
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.9	17.3	25.9

