

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085333.D
 Acq On : 10 Mar 2016 15:12
 Operator : UM/SJ
 Sample : PB88797BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BL

Quant Time: Mar 10 16:14:32 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

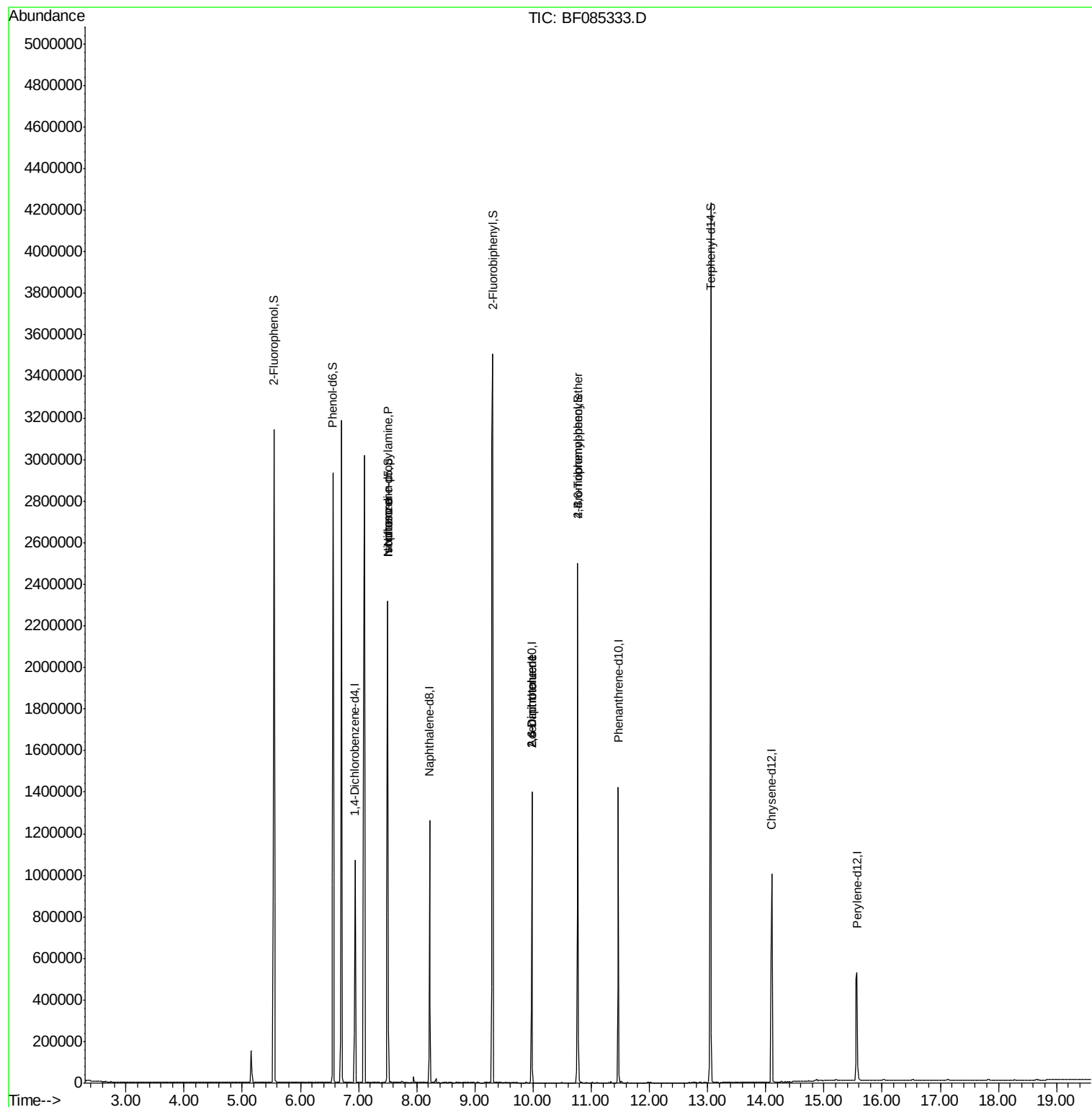
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	155807	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	597782	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	273403	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	541576	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	424106	20.00	ng	-0.05
86) Perylene-d12	15.57	264	299724	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1055946	113.68	ng	-0.03
7) Phenol-d6	6.56	99	1330139	109.30	ng	-0.05
23) Nitrobenzene-d5	7.50	82	830700	74.36	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	312179	133.44	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1653142	91.96	ng	-0.05
78) Terphenyl-d14	13.05	244	1427537	78.14	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	110615	13.95	ng	# 77
25) Isophorone	7.50	82	629729	30.42	ng	# 67
50) 2,6-Dinitrotoluene	9.98	165	35048	7.81	ng	# 25
56) 2,4-Dinitrotoluene	9.98	165	35041	6.10	ng	# 21
66) 4-Bromophenyl-phenylether	10.77	248	21995	4.18	ng	# 1

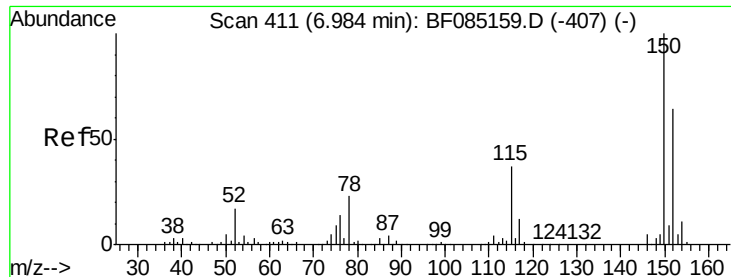
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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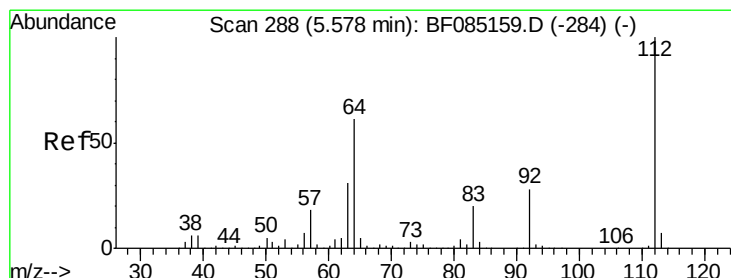
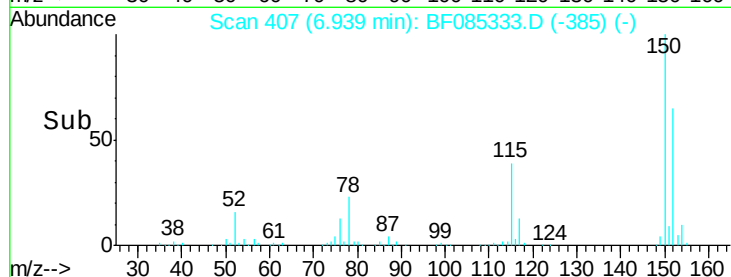
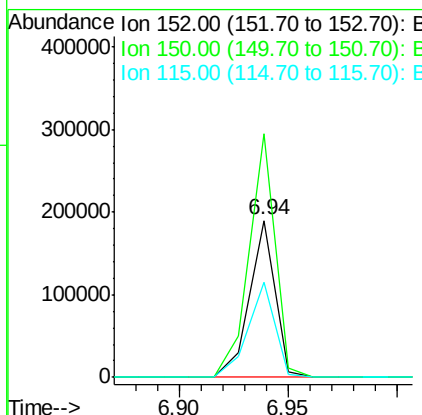
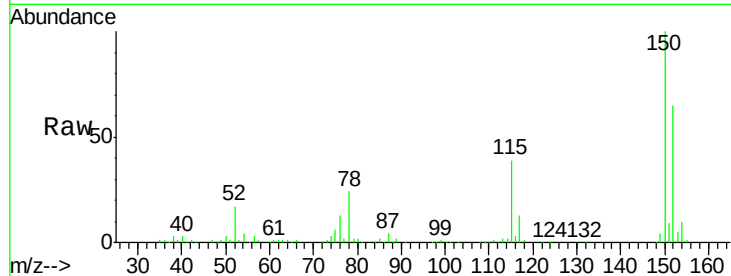




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 407
 Delta R.T. -0.05 min
 Lab File: BF085333.D
 Acq: 10 Mar 2016 15:12

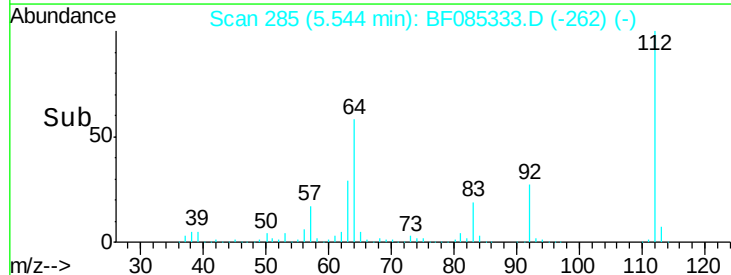
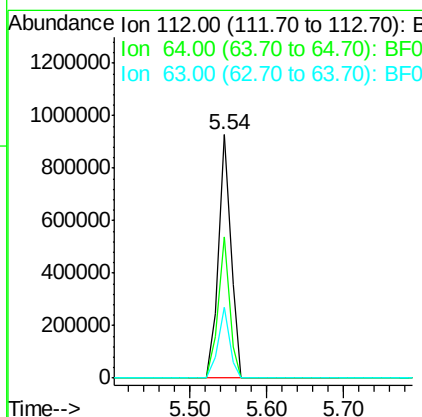
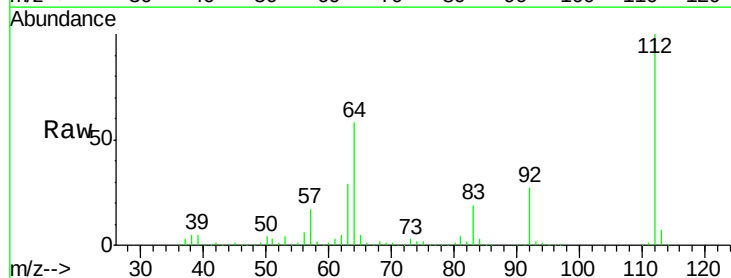
Instrument :
 BNA_F
 ClientSampleId :
 PB88797BL

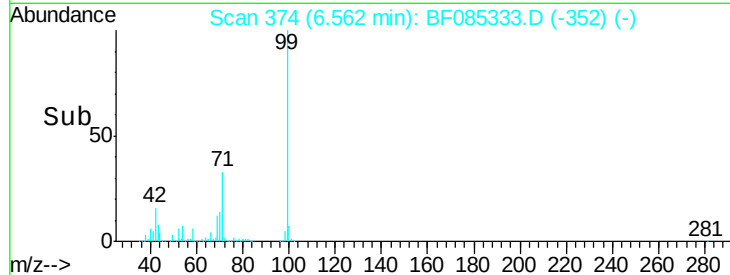
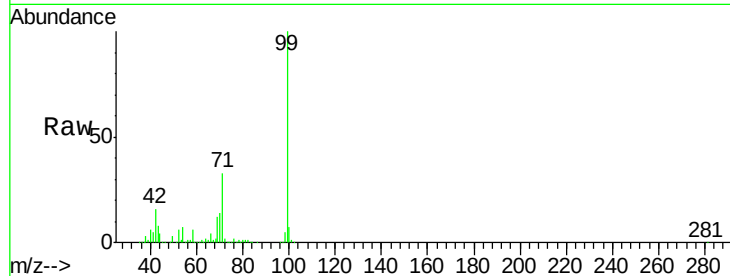
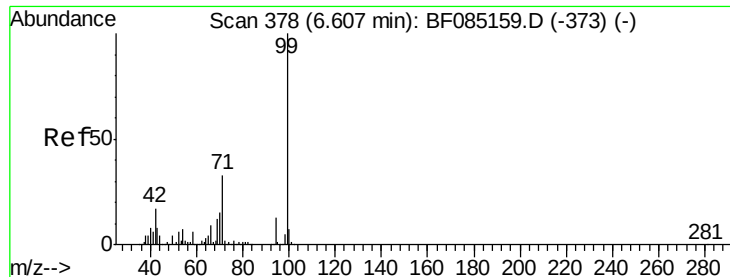
Tgt Ion:152 Resp: 155807
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.6 186.8
 115 60.5 46.6 70.0



#5
 2-Fluorophenol
 Concen: 113.68 ng
 RT: 5.54 min Scan# 285
 Delta R.T. -0.03 min
 Lab File: BF085333.D
 Acq: 10 Mar 2016 15:12

Tgt Ion:112 Resp: 1055946
 Ion Ratio Lower Upper
 112 100
 64 58.0 49.0 73.4
 63 29.0 24.8 37.2





#7

Phenol-d6

Concen: 109.30 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085333.D

Acq: 10 Mar 2016 15:12

Instrument :

BNA_F

ClientSampled :

PB88797BL

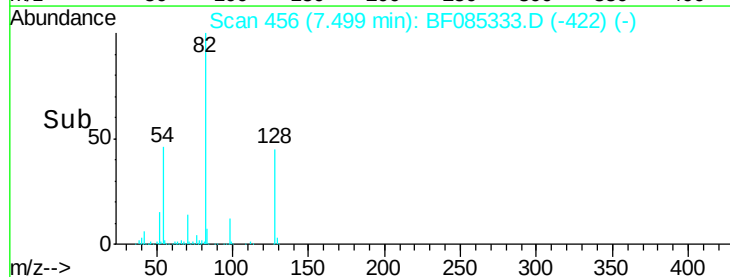
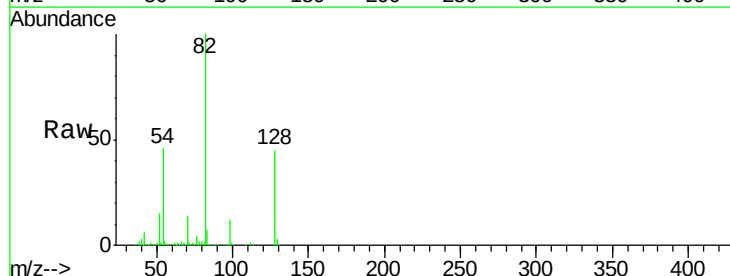
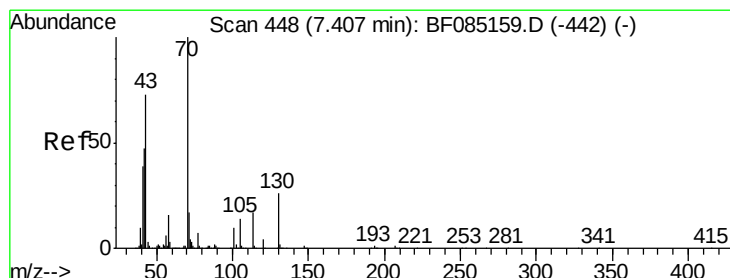
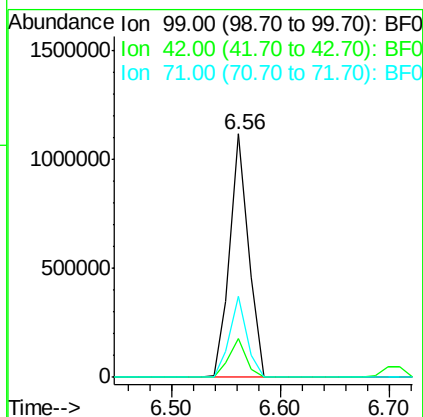
Tgt Ion: 99 Resp: 1330139

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

71 33.3 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.95 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.09 min

Lab File: BF085333.D

Acq: 10 Mar 2016 15:12

Tgt Ion: 70 Resp: 110615

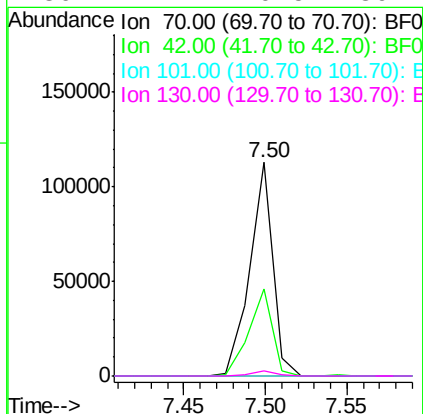
Ion Ratio Lower Upper

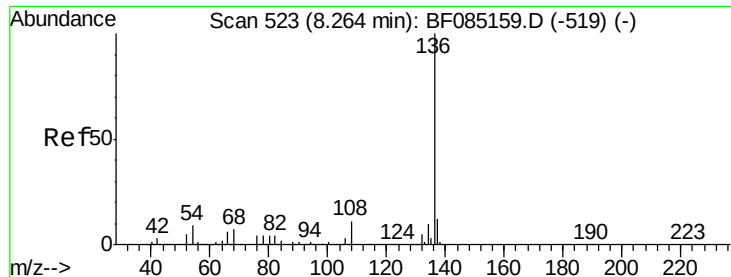
70 100

42 40.9 37.7 56.5

101 0.0 8.2 12.4#

130 2.4 20.5 30.7#

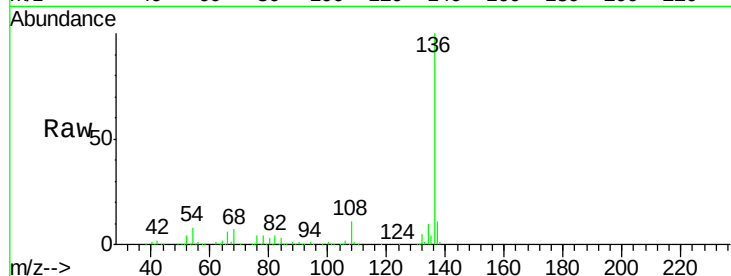




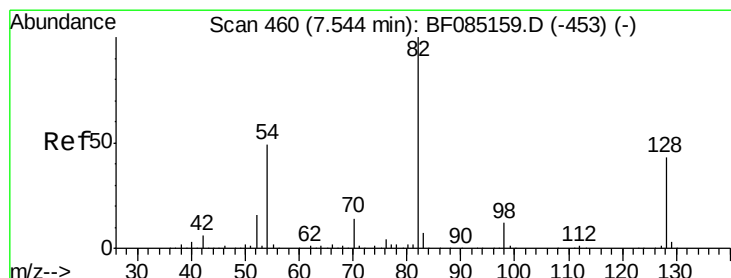
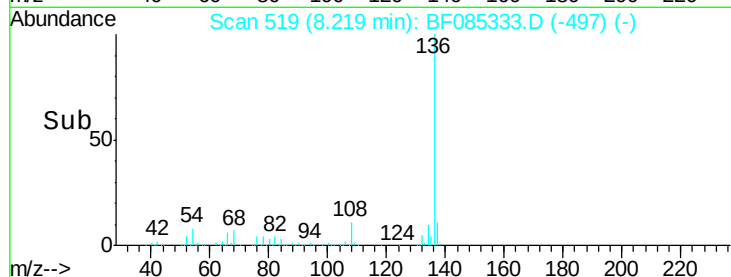
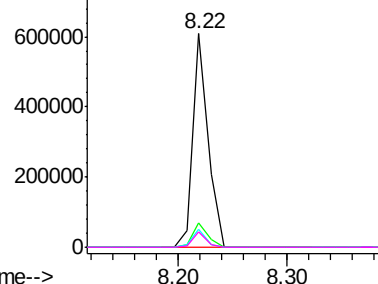
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085333.D
Acq: 10 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB88797BL

Tgt Ion:	136	Resp:	597782
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.5	7.4	11.2
68	7.0	6.0	9.0

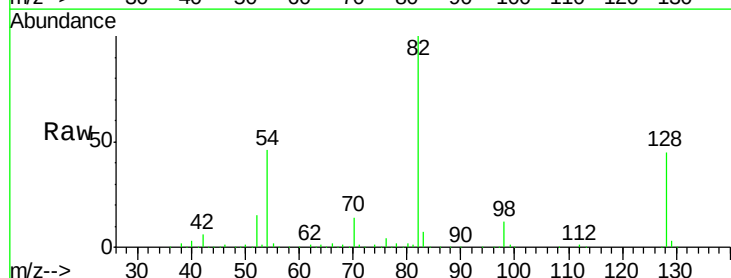


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

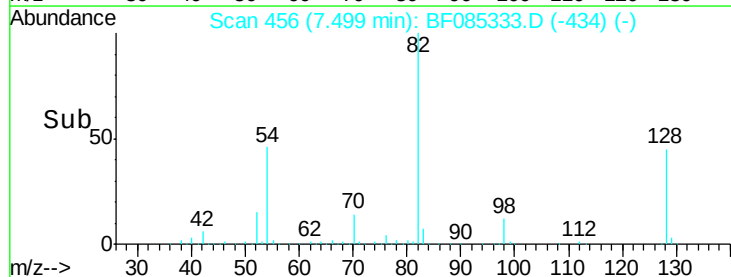
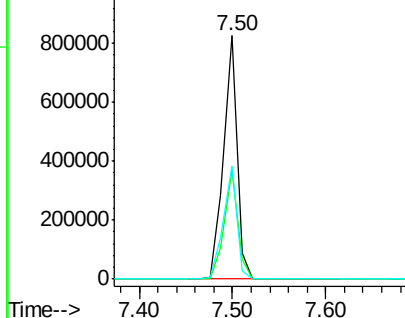


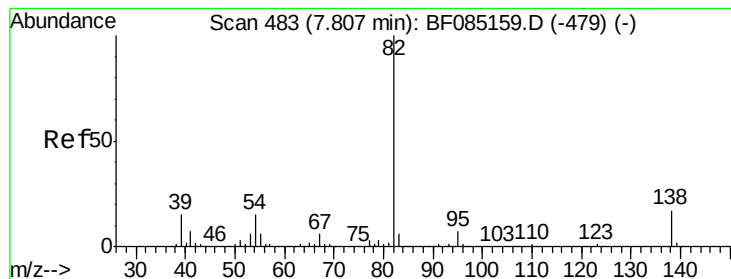
#23
Nitrobenzene-d5
Concen: 74.36 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF085333.D
Acq: 10 Mar 2016 15:12

Tgt Ion:	82	Resp:	830700
Ion	Ratio	Lower	Upper
82	100		
128	44.7	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





#25

Isophorone

Concen: 30.42 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.31 min

Lab File: BF085333.D

Acq: 10 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB88797BL

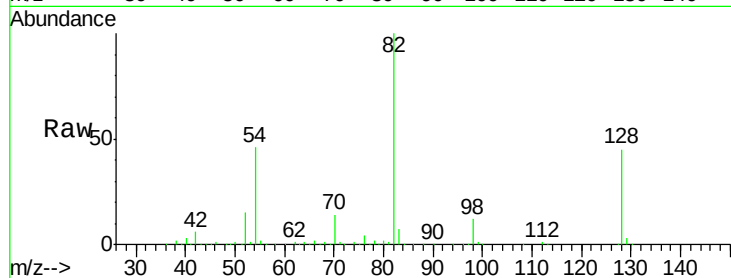
Tgt Ion: 82 Resp: 629729

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

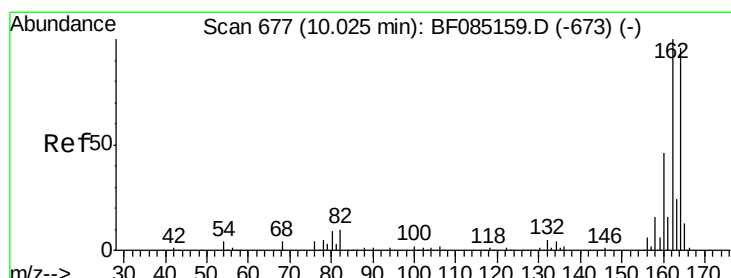
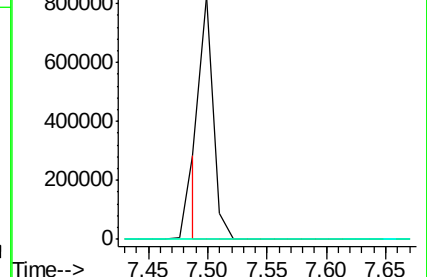
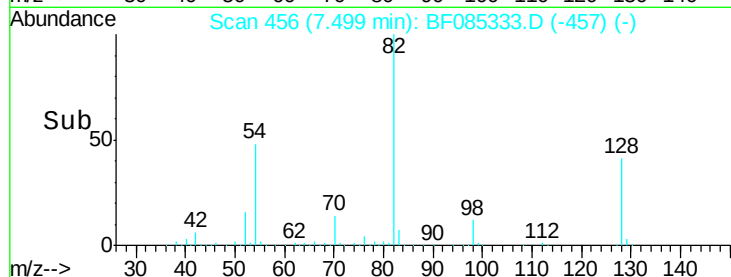
138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF085159.D (-479) (-)

Ion 95.00 (94.70 to 95.70): BF085159.D (-479) (-)

Ion 138.00 (137.70 to 138.70): BF085159.D (-479) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF085333.D

Acq: 10 Mar 2016 15:12

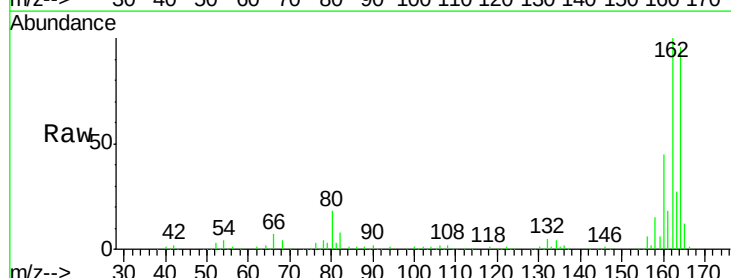
Tgt Ion: 164 Resp: 273403

Ion Ratio Lower Upper

164 100

162 104.5 83.3 124.9

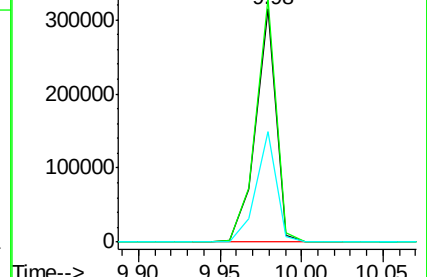
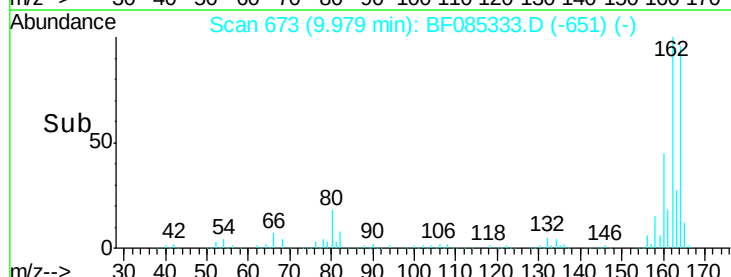
160 47.2 37.9 56.9

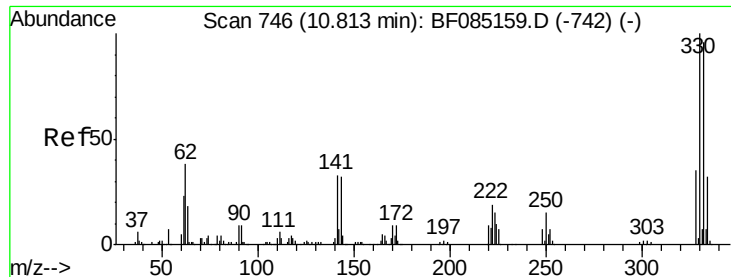


Abundance Ion 164.00 (163.70 to 164.70): BF085159.D (-673) (-)

Ion 162.00 (161.70 to 162.70): BF085159.D (-673) (-)

Ion 160.00 (159.70 to 160.70): BF085159.D (-673) (-)

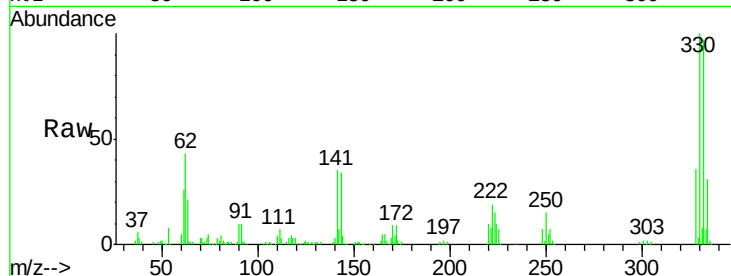




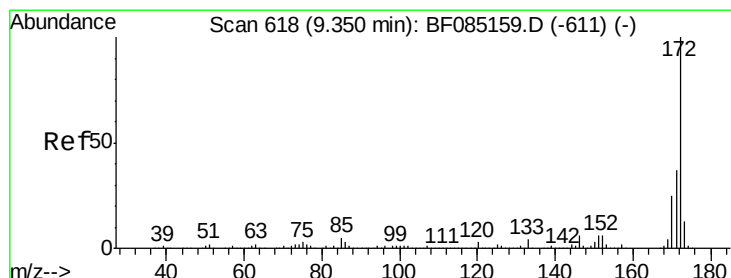
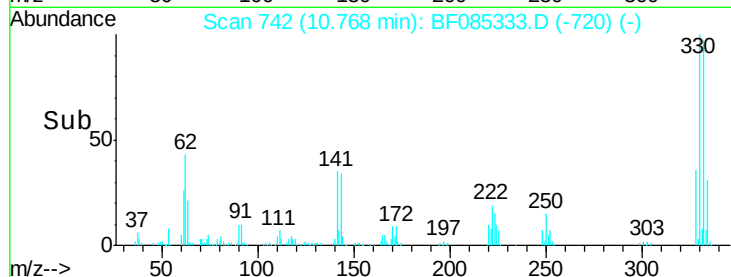
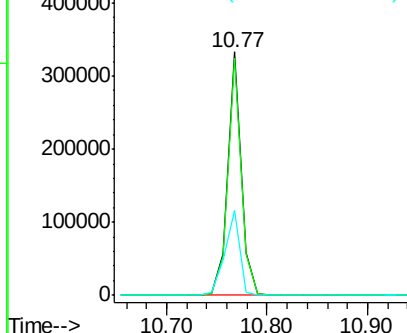
#41
 2,4,6-Tribromophenol
 Concen: 133.44 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085333.D
 Acq: 10 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	37.9	35.0	52.6

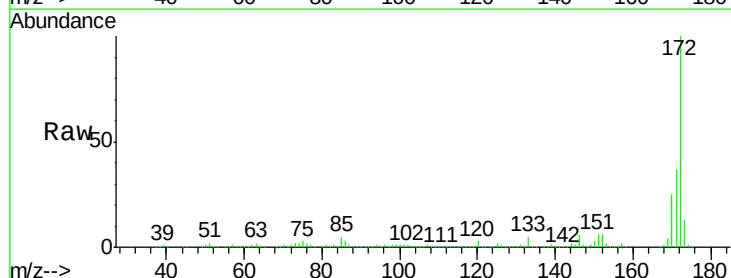


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

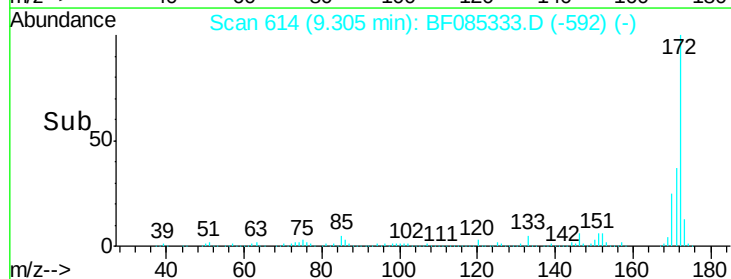
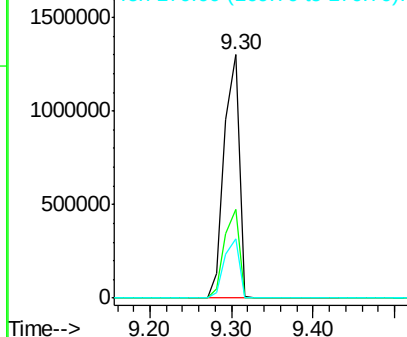


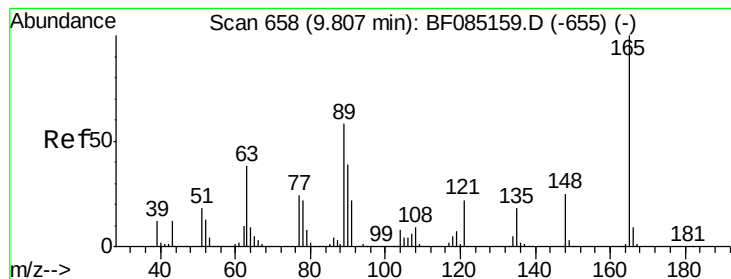
#44
 2-Fluorobiphenyl
 Concen: 91.96 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085333.D
 Acq: 10 Mar 2016 15:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.3	43.9
170	24.5	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: 7.81 ng

RT: 9.98 min Scan# 673

Delta R.T. 0.17 min

Lab File: BF085333.D

Acq: 10 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB88797BL

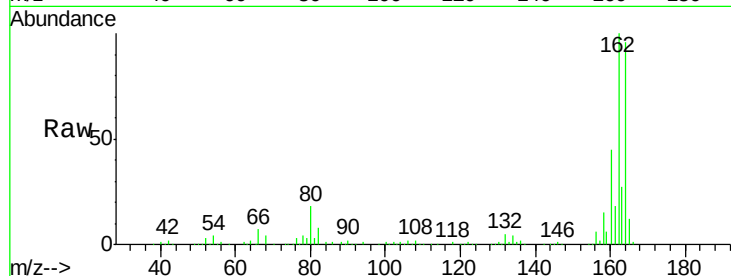
Tgt Ion:165 Resp: 35048

Ion Ratio Lower Upper

165 100

63 1.2 41.8 62.8#

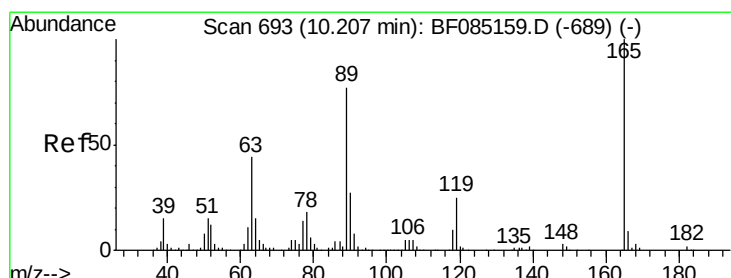
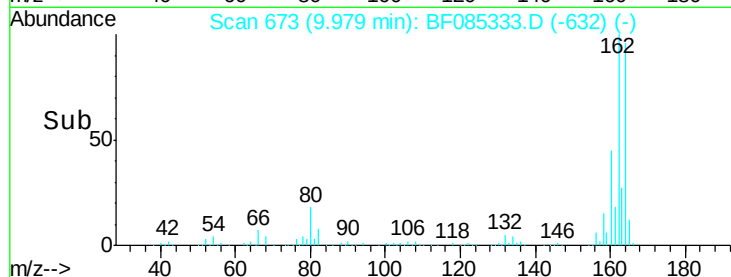
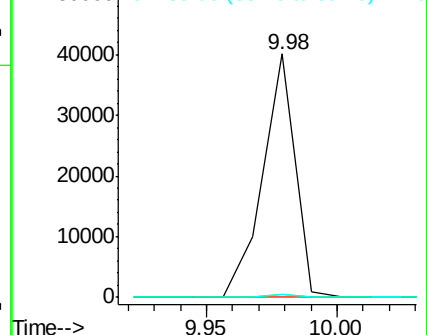
89 1.2 46.7 70.1#



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: 9.98 min Scan# 673

Delta R.T. -0.23 min

Lab File: BF085333.D

Acq: 10 Mar 2016 15:12

Tgt Ion:165 Resp: 35041

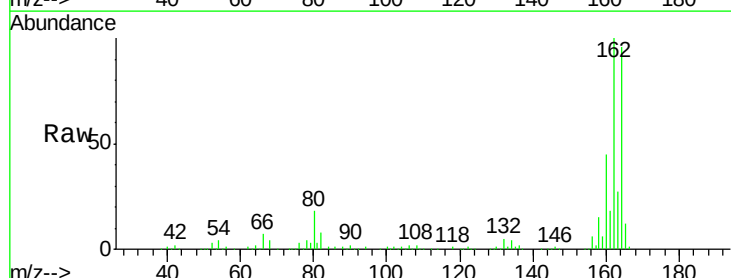
Ion Ratio Lower Upper

165 100

63 1.2 35.4 53.0#

89 1.2 61.9 92.9#

182 0.0 1.9 2.9#

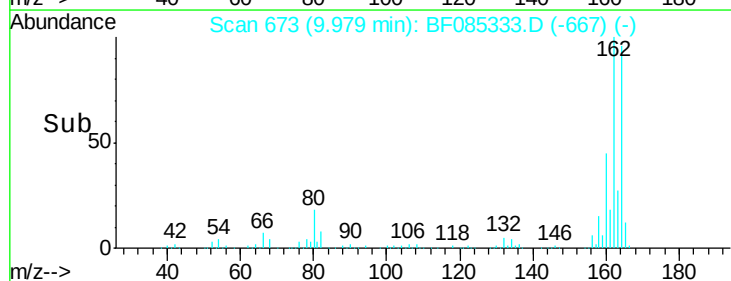
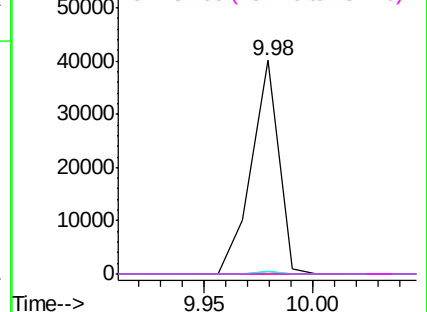


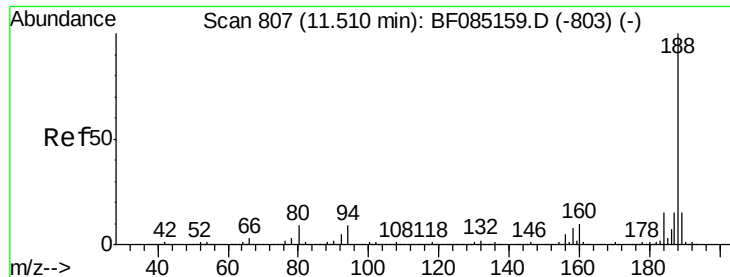
Abundance Ion 165.00 (164.70 to 165.70): E

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

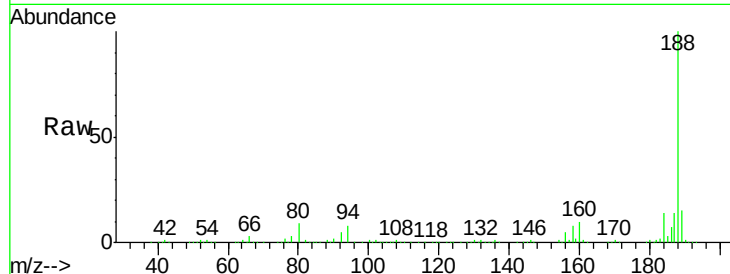




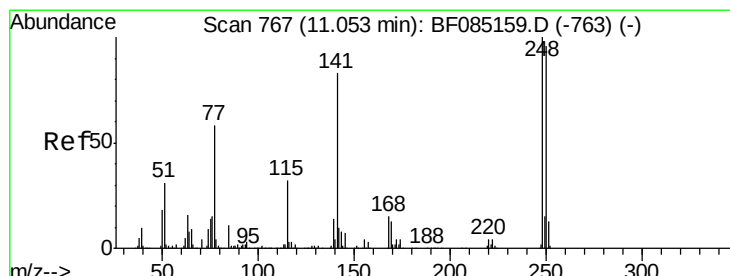
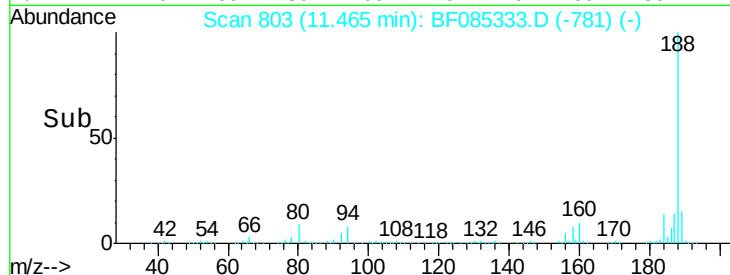
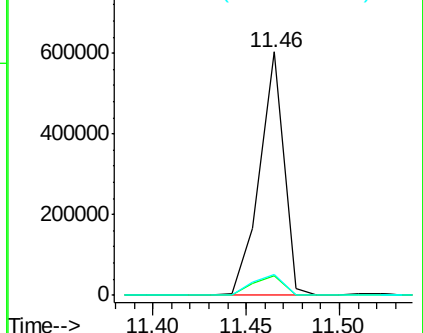
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085333.D
Acq: 10 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB88797BL

Tgt Ion:188 Resp: 541576
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.5 7.4 11.0

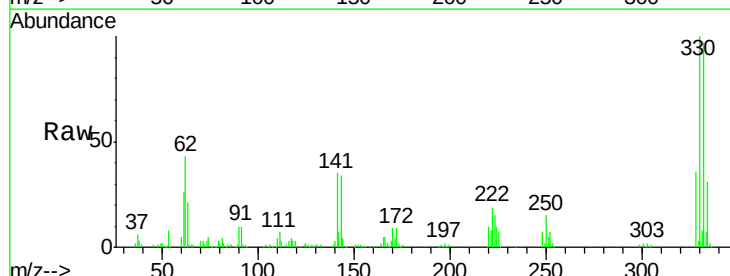


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

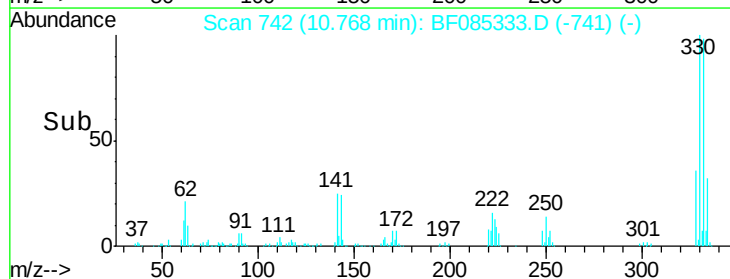
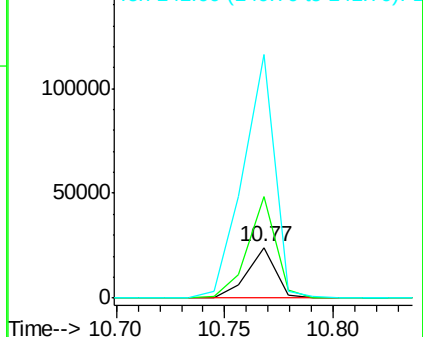


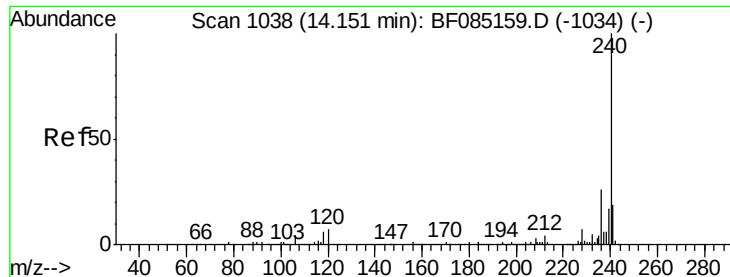
#66
4-Bromophenyl-phenylether
Concen: 4.18 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.29 min
Lab File: BF085333.D
Acq: 10 Mar 2016 15:12

Tgt Ion:248 Resp: 21995
Ion Ratio Lower Upper
248 100
250 202.3 77.1 115.7#
141 482.2 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: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085333.D

Acq: 10 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB88797BL

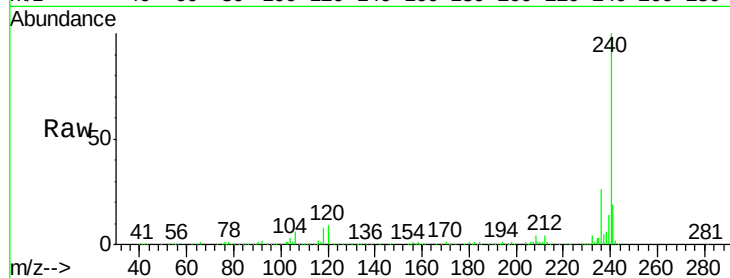
Tgt Ion:240 Resp: 424106

Ion Ratio Lower Upper

240 100

120 8.9 5.3 7.9#

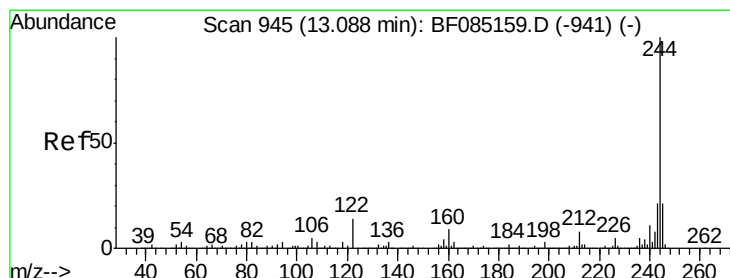
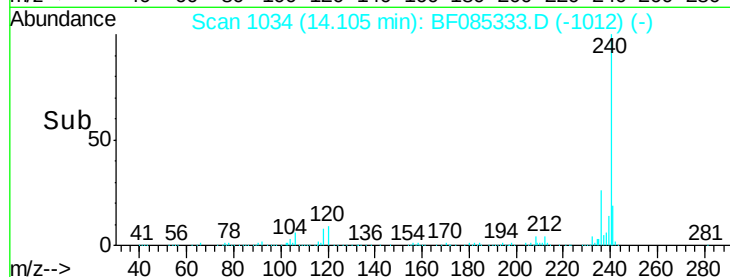
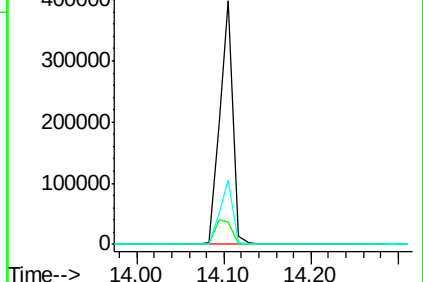
236 26.3 20.7 31.1



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: 78.14 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085333.D

Acq: 10 Mar 2016 15:12

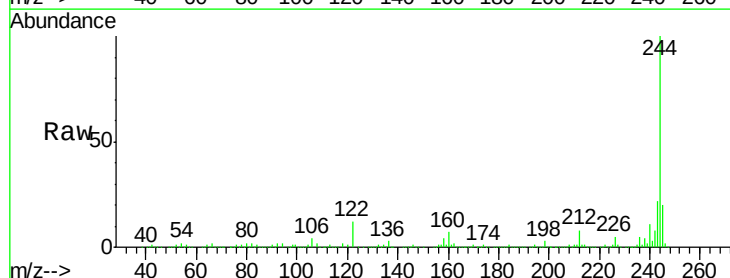
Tgt Ion:244 Resp: 1427537

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

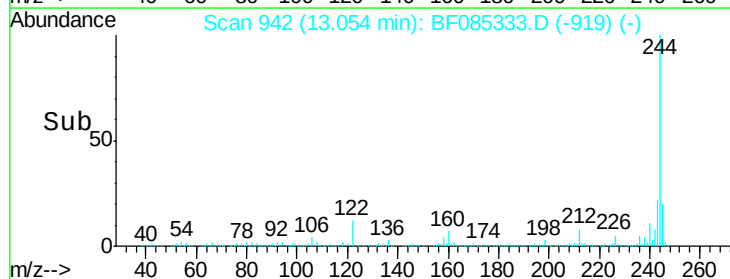
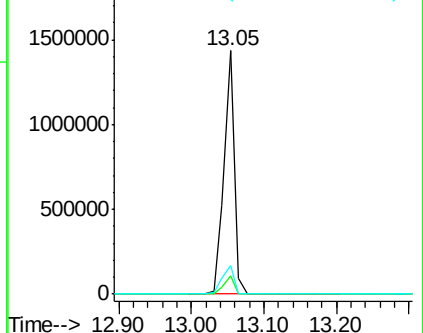
122 11.5 11.4 17.2

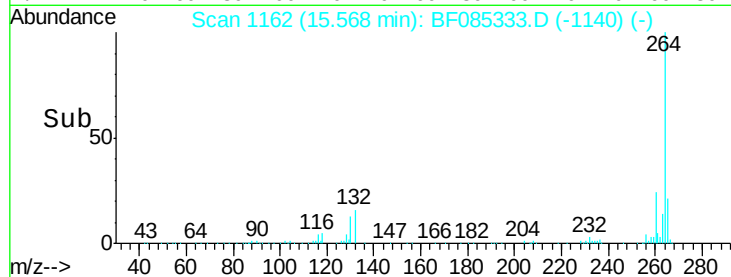
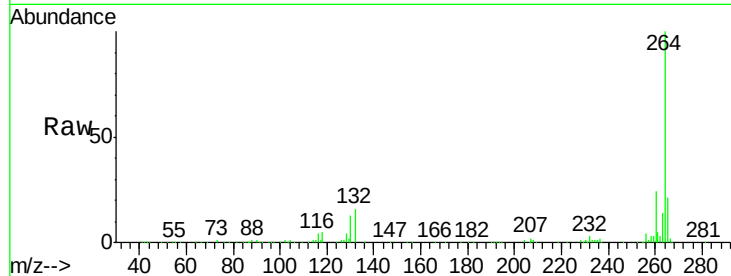
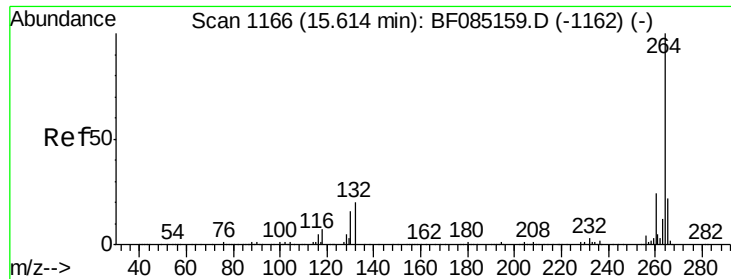


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.05 min
Lab File: BF085333.D
Acq: 10 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB88797BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.1	17.3	25.9

