

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
 Data File : BF085351.D
 Acq On : 10 Mar 2016 23:50
 Operator : UM/SJ
 Sample : H1744-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 01:04:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 00:01:03 2016
 Response via : Initial Calibration

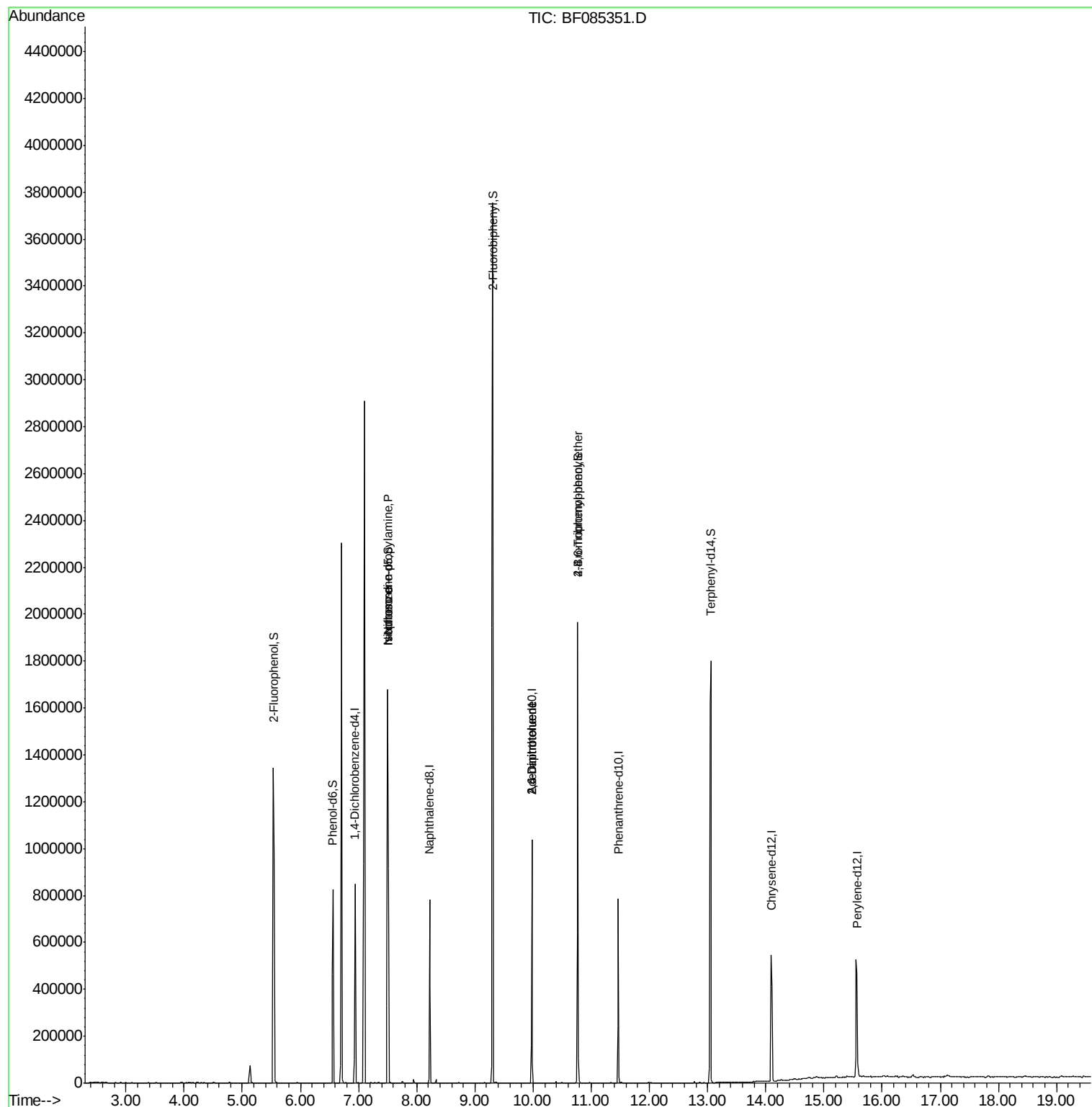
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	118702	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	426720	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	191412	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	298471	20.00	ng	0.00
75) Chrysene-d12	14.09	240	238971	20.00	ng	-0.01
86) Perylene-d12	15.57	264	270284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	522116	73.78	ng	0.00
7) Phenol-d6	6.56	99	367297	39.62	ng	0.00
23) Nitrobenzene-d5	7.50	82	715090	89.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	236936	144.66	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1371148	108.94	ng	0.00
78) Terphenyl-d14	13.05	244	820320	79.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	91261	15.10	ng	# 78
25) Isophorone	7.50	82	714422	48.34	ng	# 67
50) 2,6-Dinitrotoluene	9.98	165	24063	7.66	ng	# 26
56) 2,4-Dinitrotoluene	9.98	165	24066	5.98	ng	# 22
66) 4-Bromophenyl-phenylether	10.77	248	17876	6.17	ng	# 1

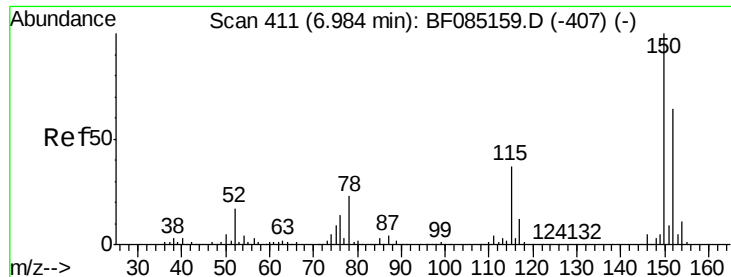
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 11 00:01:03 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF085351.D

Acq: 10 Mar 2016 23:50

Instrument :

BNA_F

ClientSampleId :

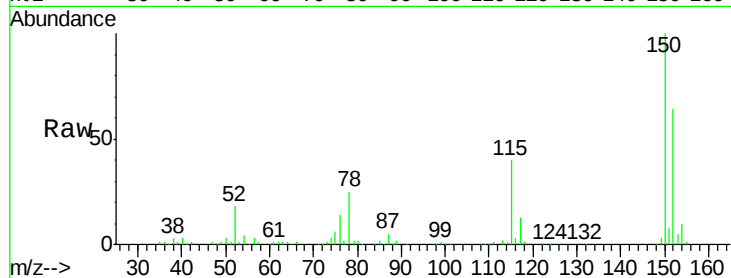
Tot Ion:152 Resp: 118702

Ion Ratio Lower Upper

152 100

150 157.0 124.6 186.8

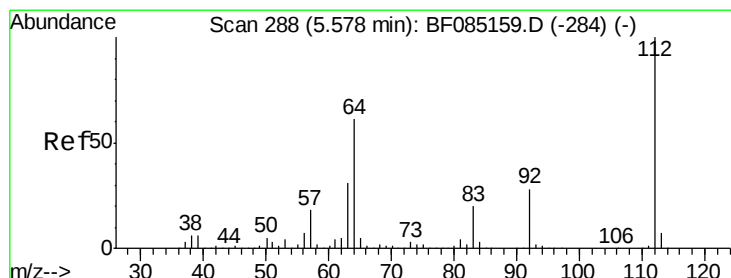
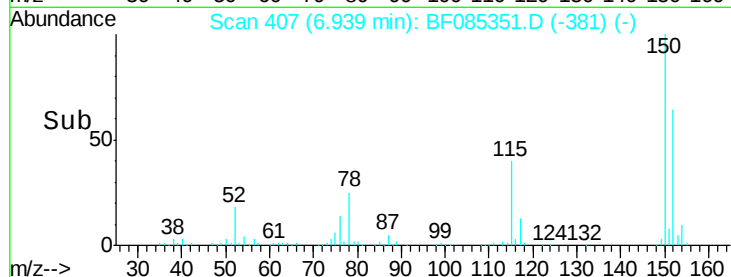
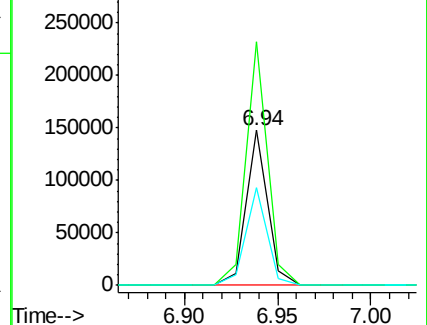
115 63.1 46.6 70.0



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: 73.78 ng

RT: 5.53 min Scan# 284

Delta R.T. 0.00 min

Lab File: BF085351.D

Acq: 10 Mar 2016 23:50

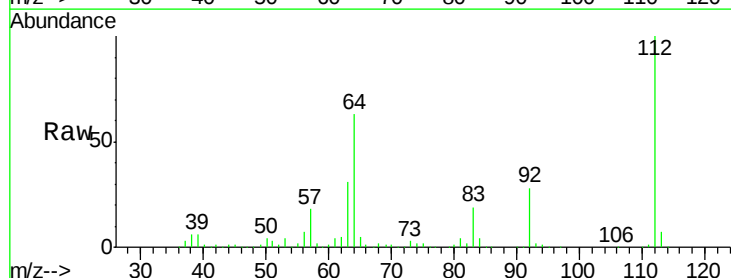
Tgt Ion:112 Resp: 522116

Ion Ratio Lower Upper

112 100

64 63.2 49.0 73.4

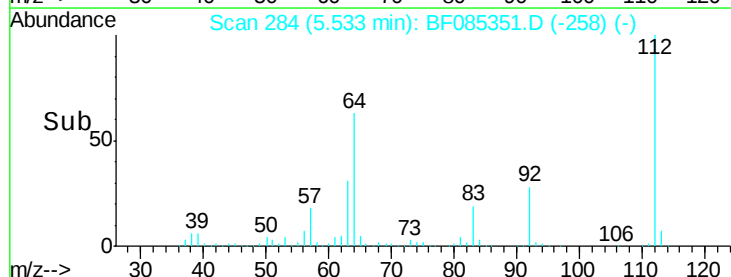
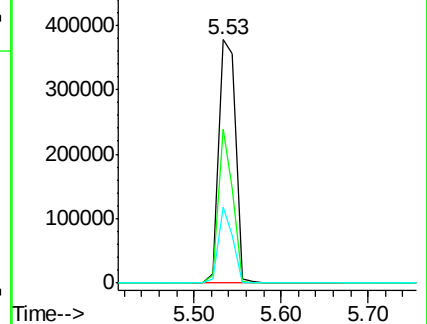
63 31.4 24.8 37.2

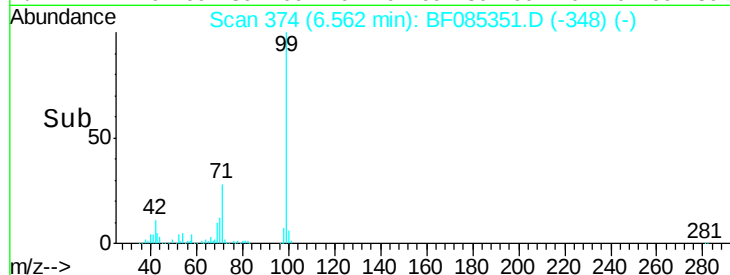
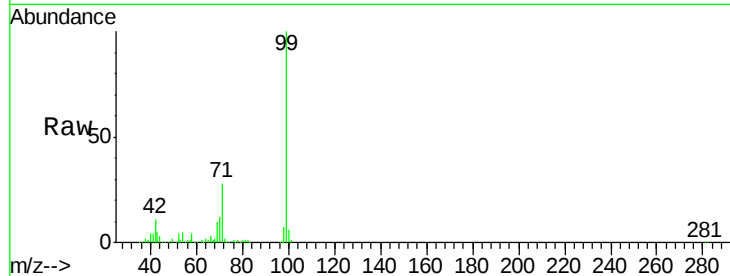
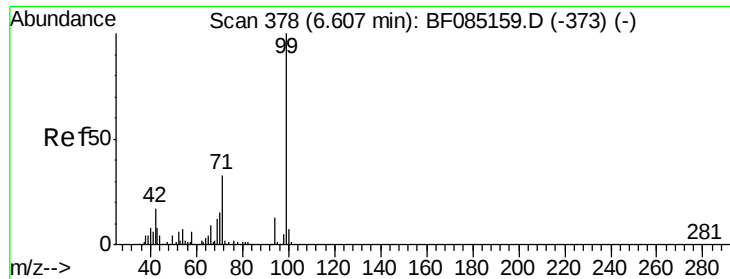


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.62 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF085351.D

Acq: 10 Mar 2016 23:50

Instrument :

BNA_F

ClientSampleId :

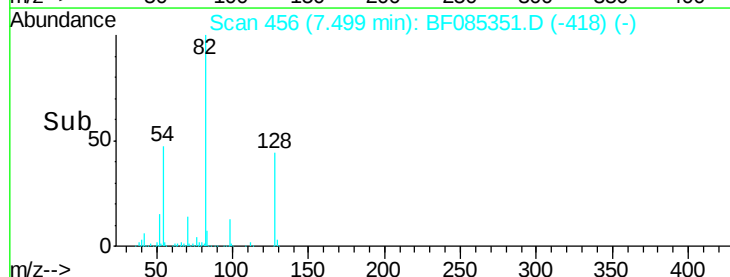
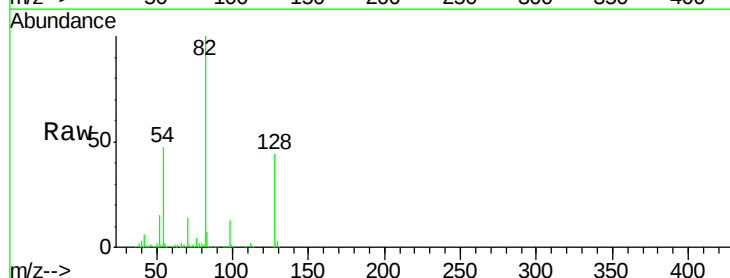
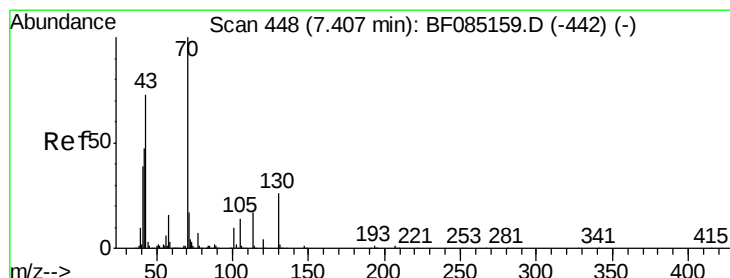
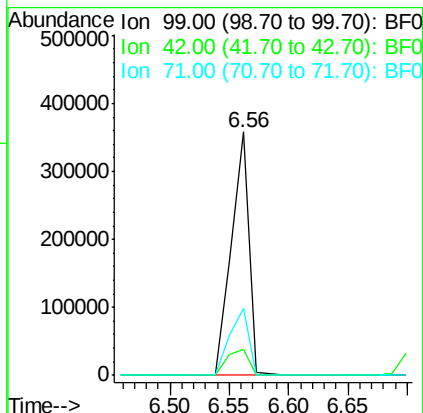
Tot Ion: 99 Resp: 367297

Ion Ratio Lower Upper

99 100

42 10.7 13.6 20.4#

71 27.6 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 15.10 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.14 min

Lab File: BF085351.D

Acq: 10 Mar 2016 23:50

Tgt Ion: 70 Resp: 91261

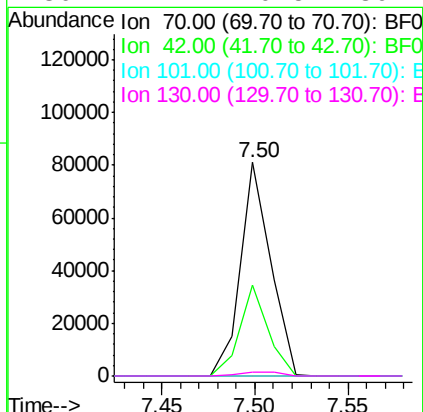
Ion Ratio Lower Upper

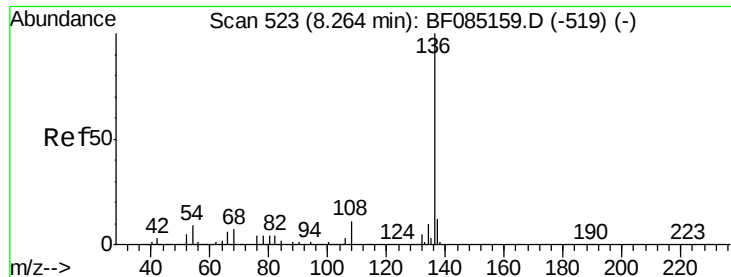
70 100

42 42.4 37.7 56.5

101 0.0 8.2 12.4#

130 2.1 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF085351.D

Acq: 10 Mar 2016 23:50

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 426720

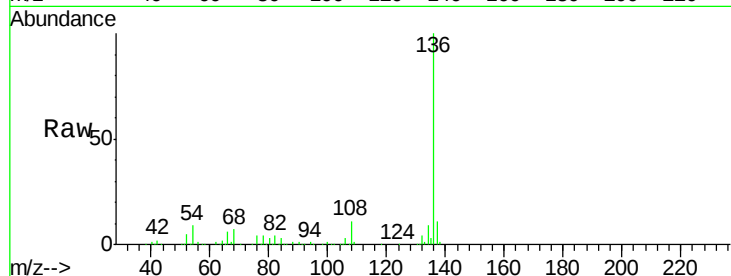
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 8.8 7.4 11.2

68 7.3 6.0 9.0

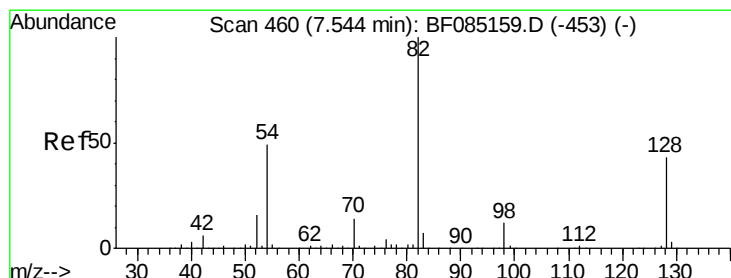
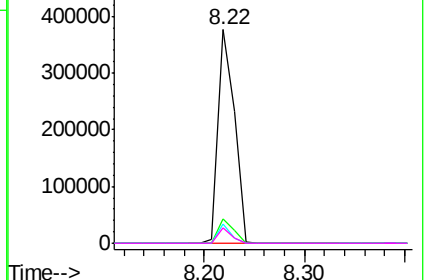
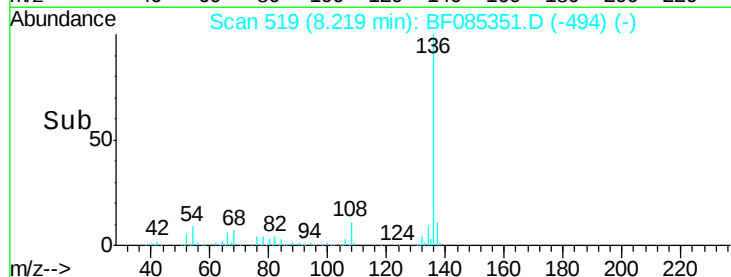


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.67 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF085351.D

Acq: 10 Mar 2016 23:50

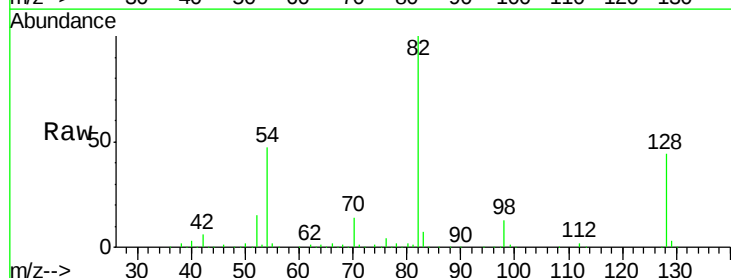
Tgt Ion: 82 Resp: 715090

Ion Ratio Lower Upper

82 100

128 43.9 34.5 51.7

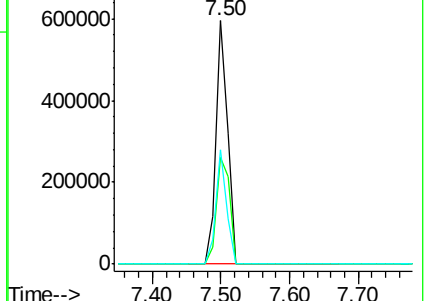
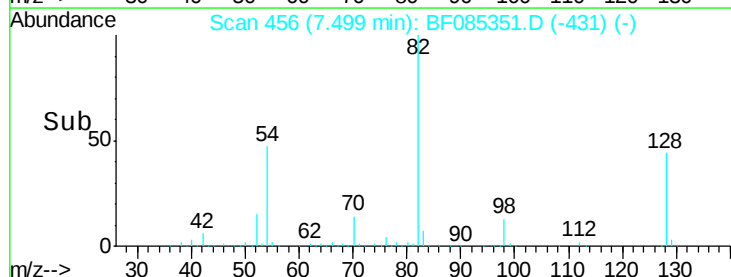
54 47.0 39.3 58.9

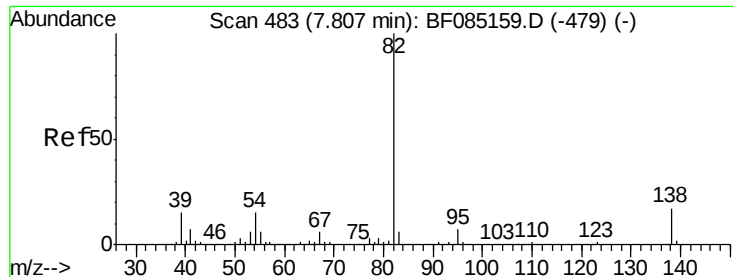


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 48.34 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.26 min

Lab File: BF085351.D

Acq: 10 Mar 2016 23:50

Instrument :

BNA_F

ClientSampleId :

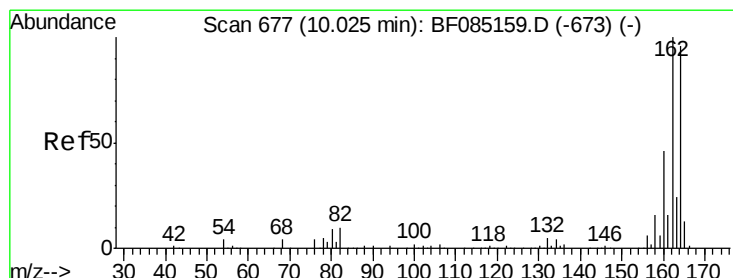
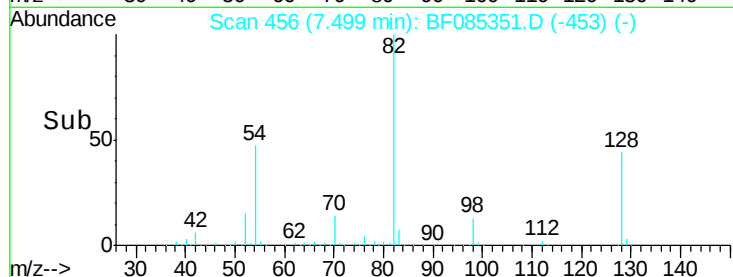
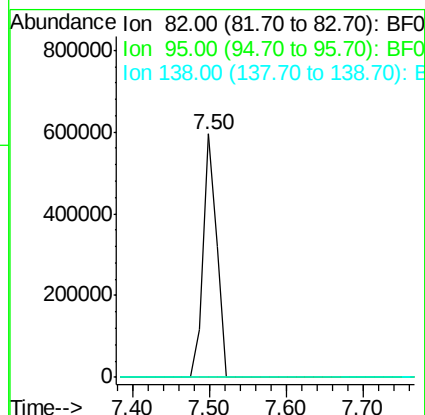
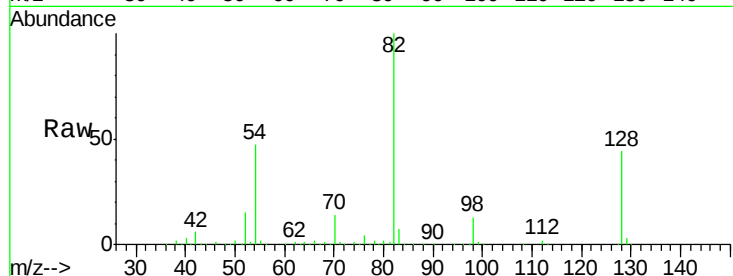
Tot Ion: 82 Resp: 714422

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: BF085351.D

Acq: 10 Mar 2016 23:50

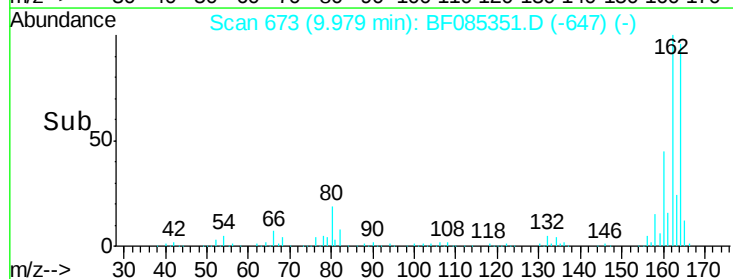
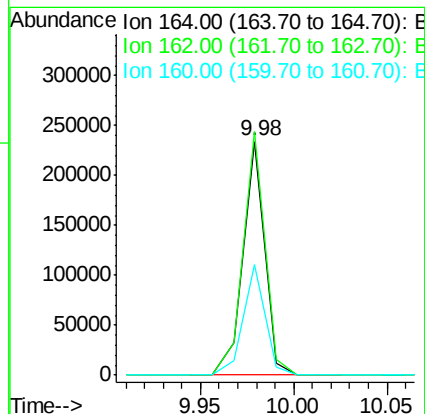
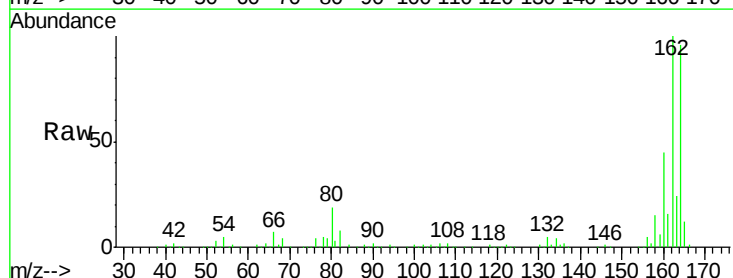
Tgt Ion:164 Resp: 191412

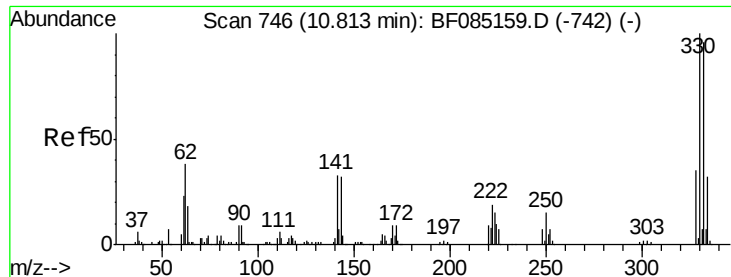
Ion Ratio Lower Upper

164 100

162 104.3 83.3 124.9

160 47.2 37.9 56.9

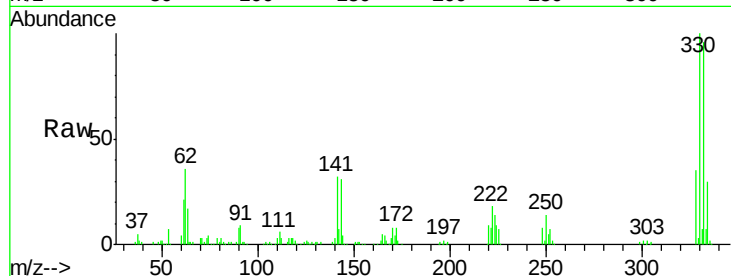




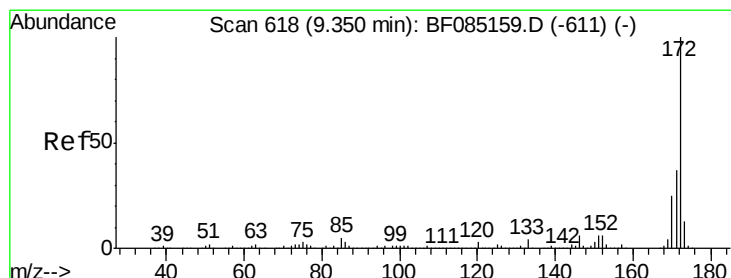
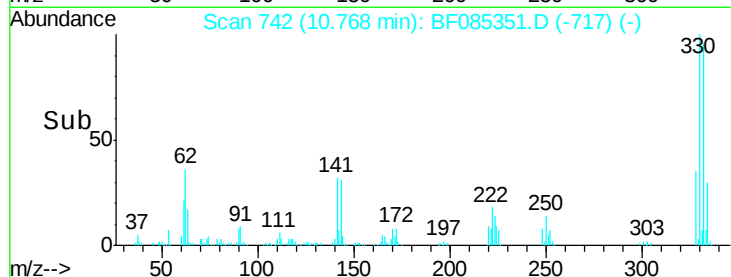
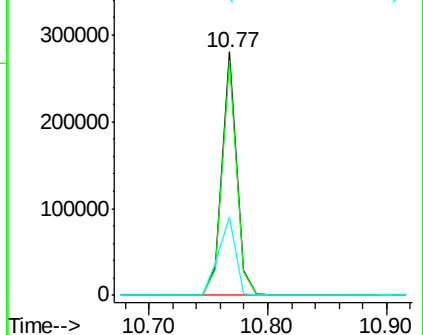
#41
 2,4,6-Tribromophenol
 Concen: 144.66 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF085351.D
 Acq: 10 Mar 2016 23:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	38.0	35.0	52.6

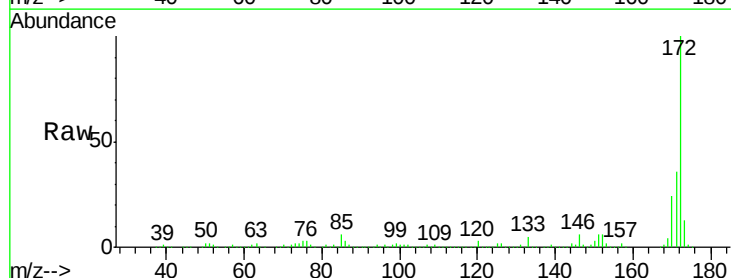


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

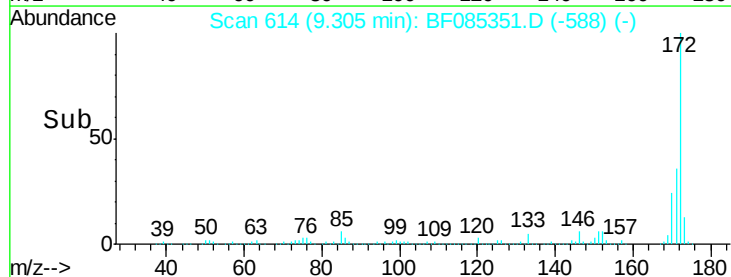
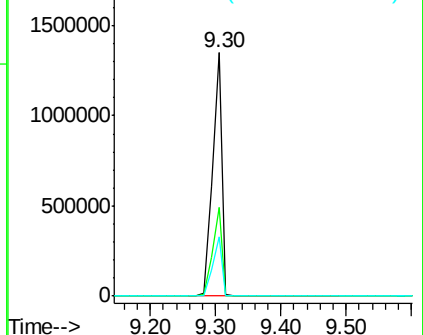


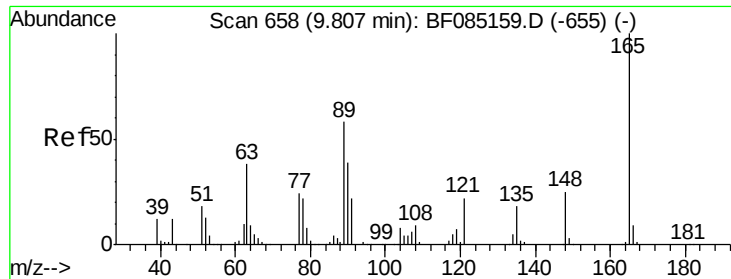
#44
 2-Fluorobiphenyl
 Concen: 108.94 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085351.D
 Acq: 10 Mar 2016 23:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.3	43.9
170	24.4	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: 7.66 ng

RT: 9.98 min Scan# 673

Delta R.T. 0.22 min

Lab File: BF085351.D

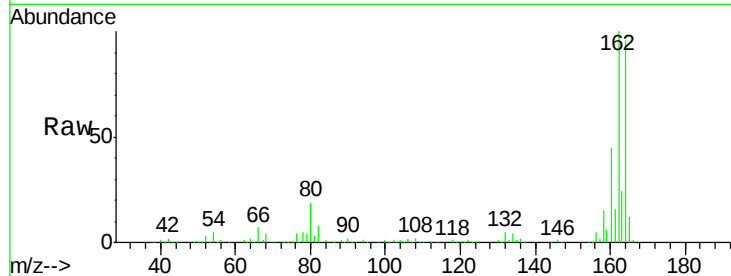
Acq: 10 Mar 2016 23:50

Instrument :

BNA_F

ClientSampleId :

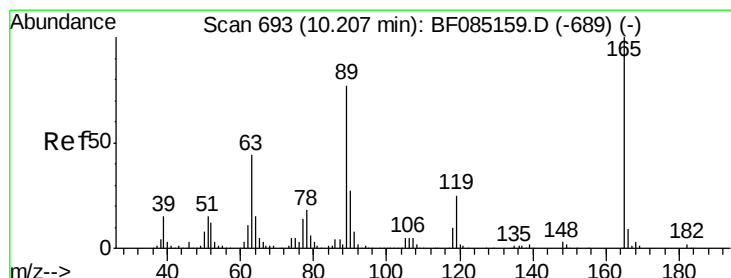
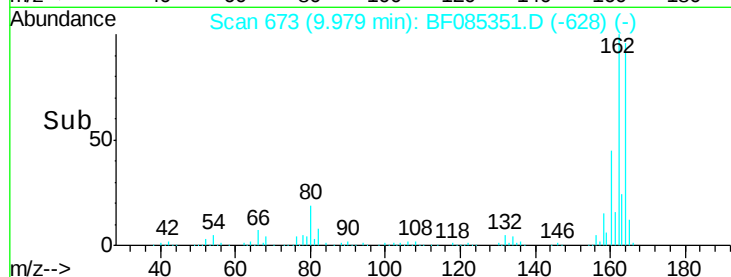
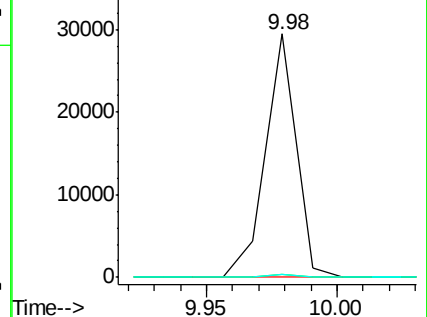
Tot Ion:165	Resp:	24063
Ion Ratio	Lower	Upper
165	100	
63	1.4	41.8 62.8#
89	1.5	46.7 70.1#



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: 5.98 ng

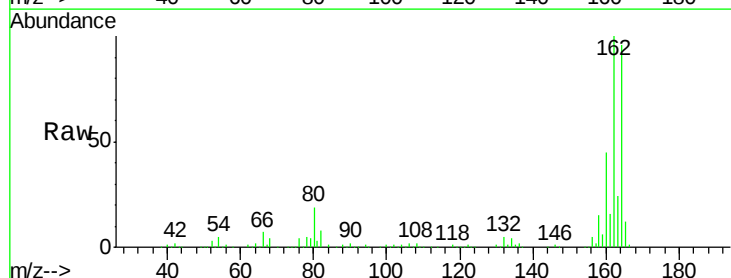
RT: 9.98 min Scan# 673

Delta R.T. -0.19 min

Lab File: BF085351.D

Acq: 10 Mar 2016 23:50

Tgt Ion:165	Resp:	24066
Ion Ratio	Lower	Upper
165	100	
63	1.4	35.4 53.0#
89	1.5	61.9 92.9#
182	0.0	1.9 2.9#

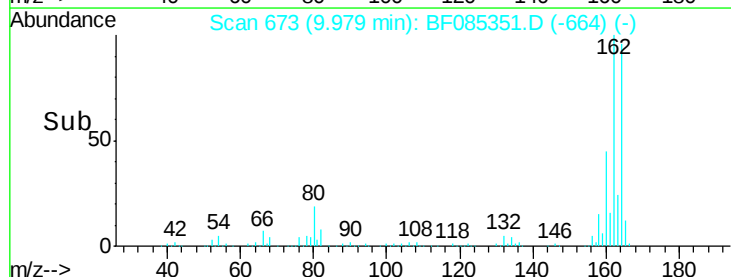
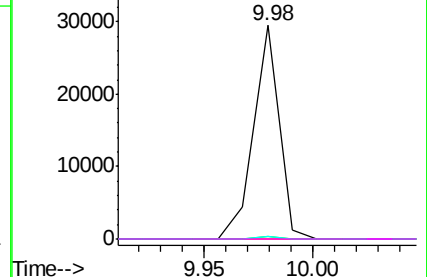


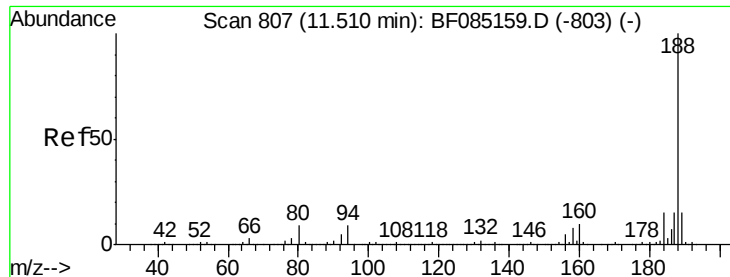
Abundance Ion 165.00 (164.70 to 165.70): E

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

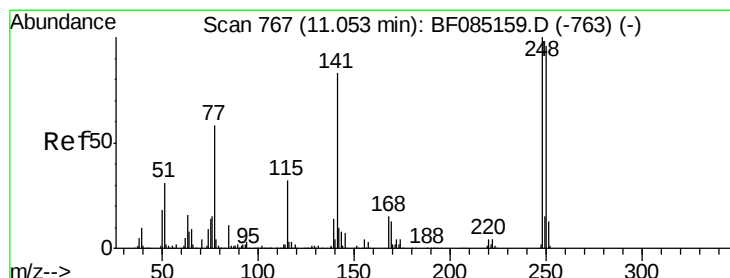
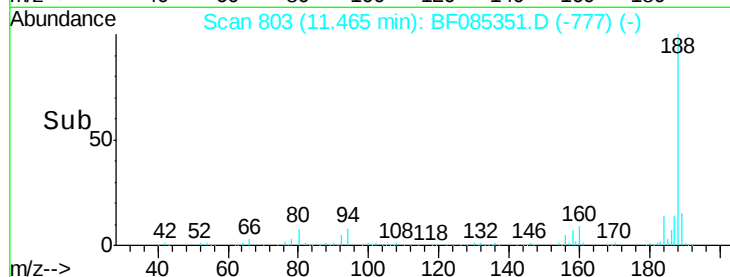
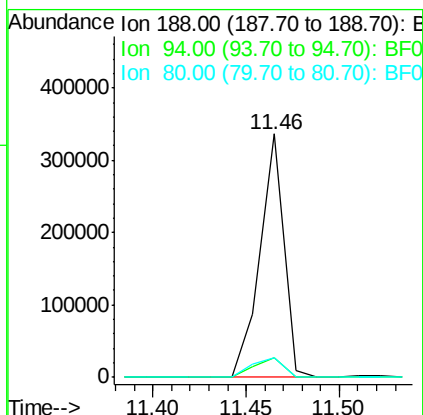
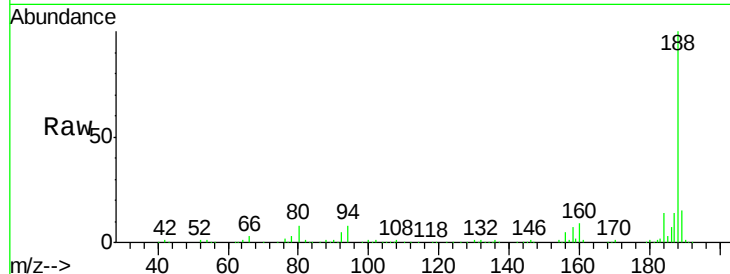




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF085351.D
 Acq: 10 Mar 2016 23:50

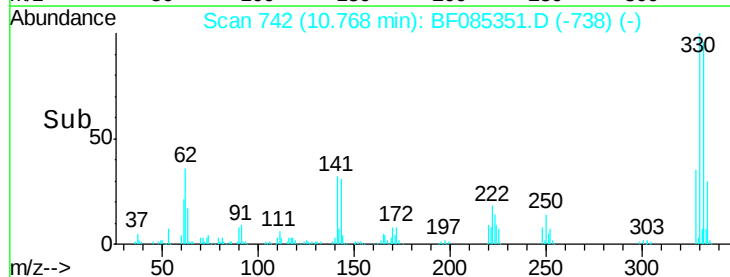
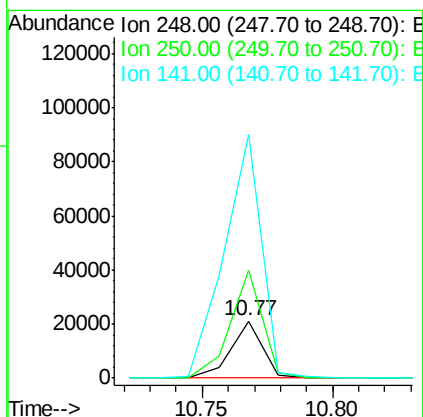
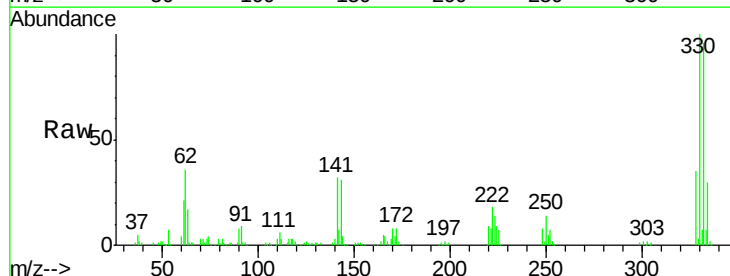
Instrument :
 BNA_F
 ClientSampleId :

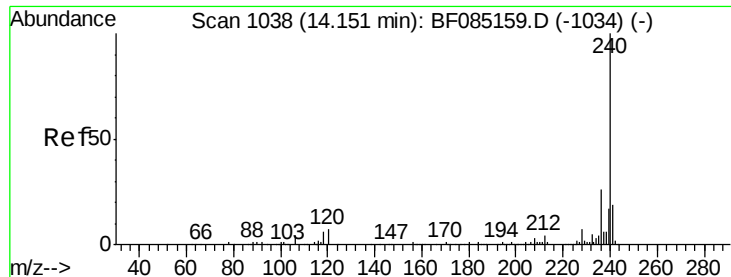
Tot Ion:188 Resp: 298471
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.0 10.6
 80 8.0 7.4 11.0



#66
 4-Bromophenyl-phenylether
 Concen: 6.17 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.25 min
 Lab File: BF085351.D
 Acq: 10 Mar 2016 23:50

Tgt Ion:248 Resp: 17876
 Ion Ratio Lower Upper
 248 100
 250 189.3 77.1 115.7#
 141 426.3 66.2 99.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF085351.D

Acq: 10 Mar 2016 23:50

Instrument :

BNA_F

ClientSampleId :

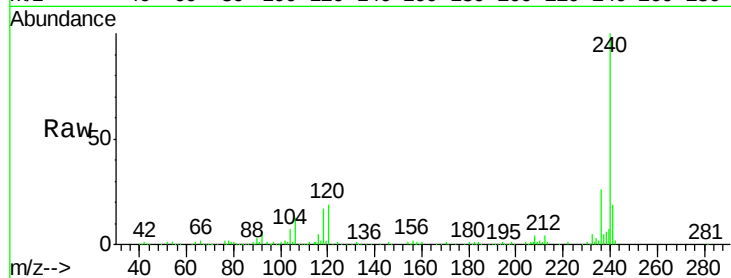
Tot Ion:240 Resp: 238971

Ion Ratio Lower Upper

240 100

120 19.2 5.3 7.9#

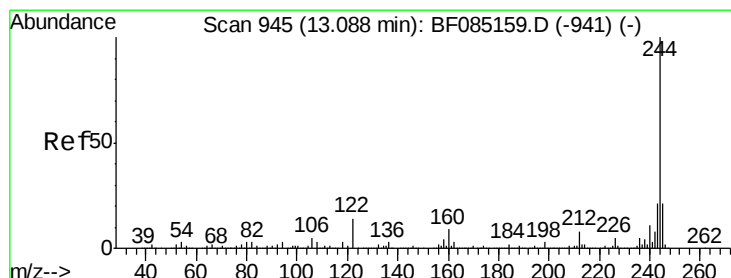
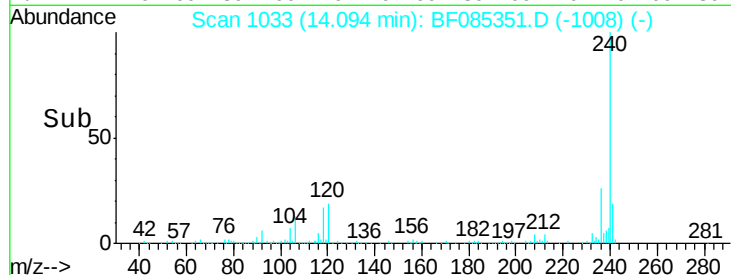
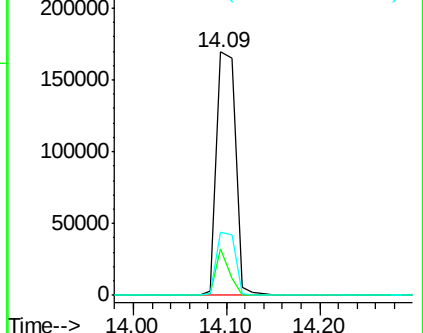
236 26.2 20.7 31.1



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: 79.69 ng

RT: 13.05 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF085351.D

Acq: 10 Mar 2016 23:50

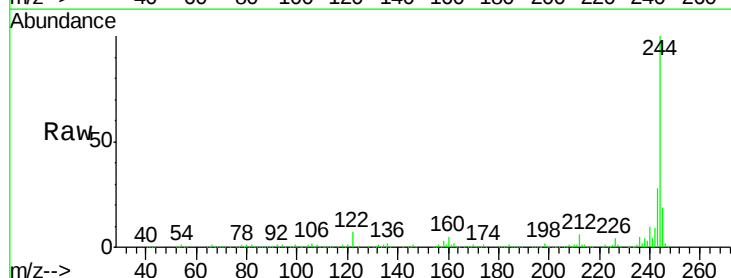
Tgt Ion:244 Resp: 820320

Ion Ratio Lower Upper

244 100

212 6.4 6.4 9.6#

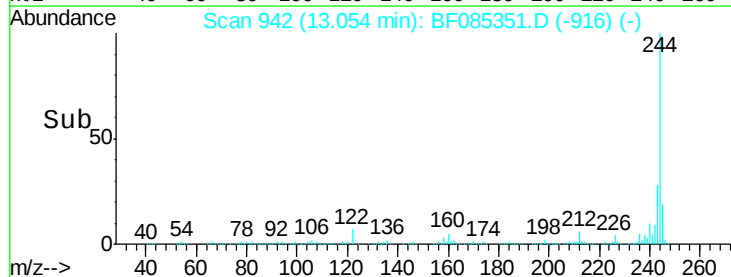
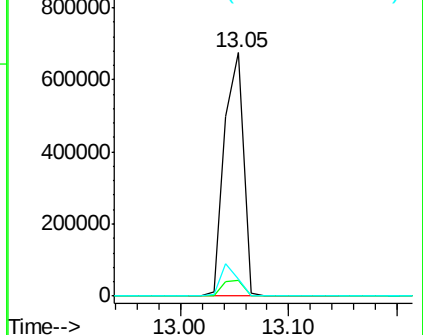
122 6.8 11.4 17.2#

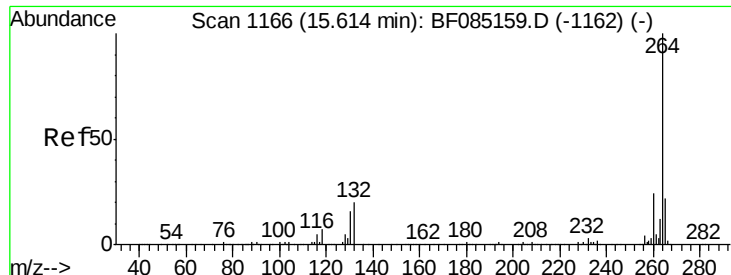


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

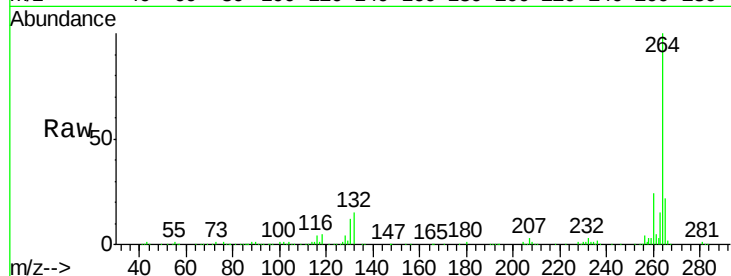




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF085351.D
Acq: 10 Mar 2016 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	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

