

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085222.D
 Acq On : 5 Mar 2016 00:20
 Operator : SJ/IZ
 Sample : H1663-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-2-16

Quant Time: Mar 05 01:30:19 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

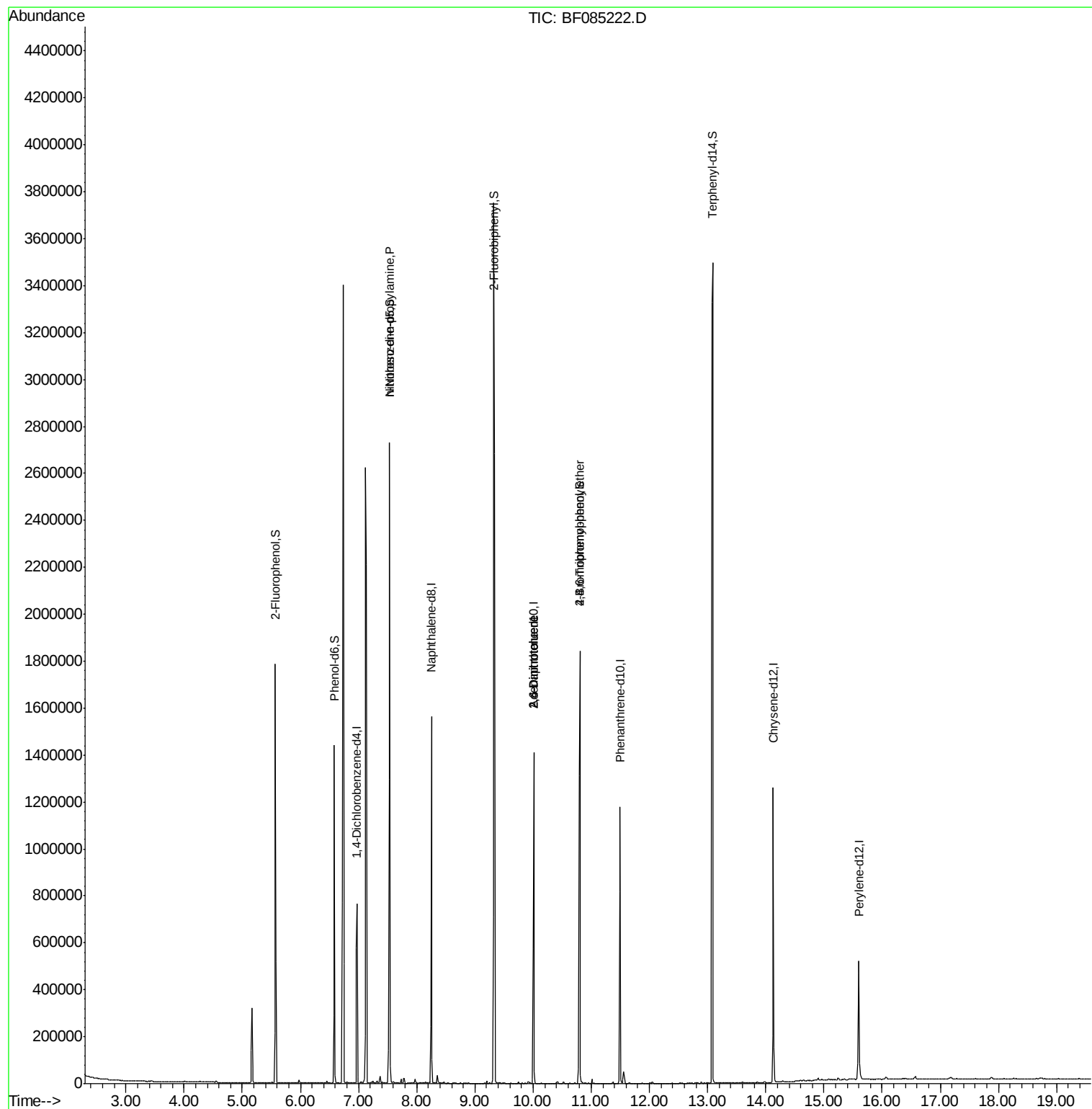
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	158331	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	653556	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	300393	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	561931	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	394740	20.00	ng	-0.02
86) Perylene-d12	15.60	264	270599	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	530738	56.23	ng	-0.01
7) Phenol-d6	6.58	99	466564	37.73	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1028397	84.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	289262	112.54	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1693372	85.73	ng	-0.02
78) Terphenyl-d14	13.09	244	1686857	99.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	139089	17.26	ng	# 78
50) 2,6-Dinitrotoluene	10.01	165	38414	7.79	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	38415	6.09	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	19874	3.64	ng	# 1

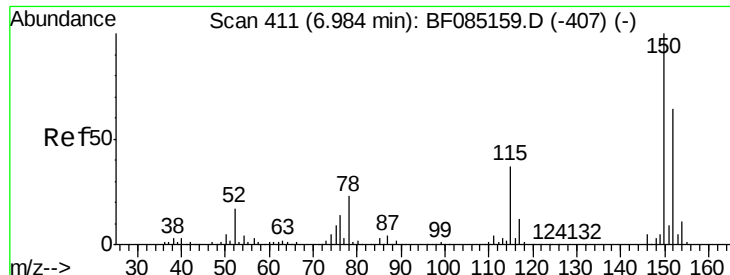
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085222.D
Acq On : 5 Mar 2016 00:20
Operator : SJ/IZ
Sample : H1663-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-3-2-16

Quant Time: Mar 05 01:30:19 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085222.D

Acq: 5 Mar 2016 00:20

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-2-16

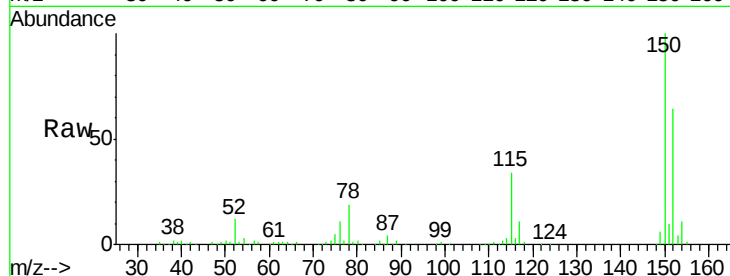
Tgt Ion:152 Resp: 158331

Ion Ratio Lower Upper

152 100

150 155.6 124.6 186.8

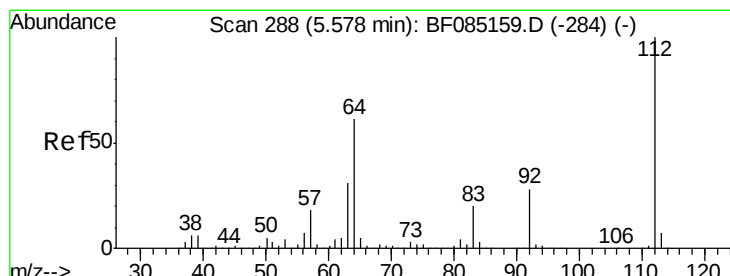
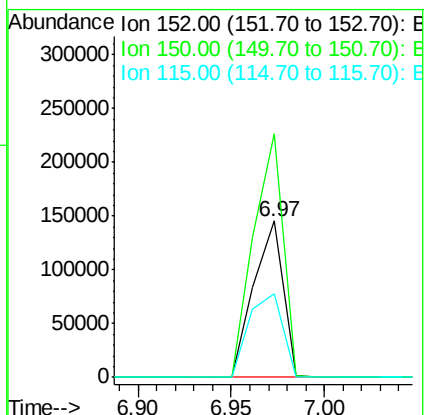
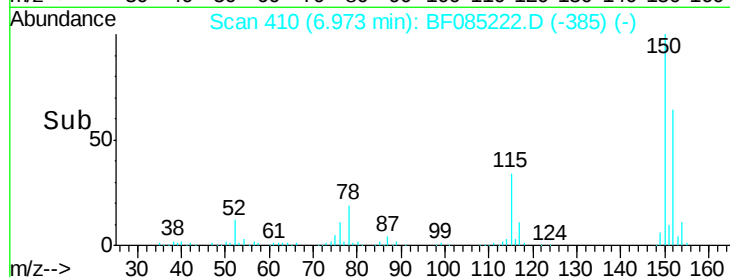
115 53.3 46.6 70.0



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: 56.23 ng

RT: 5.57 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF085222.D

Acq: 5 Mar 2016 00:20

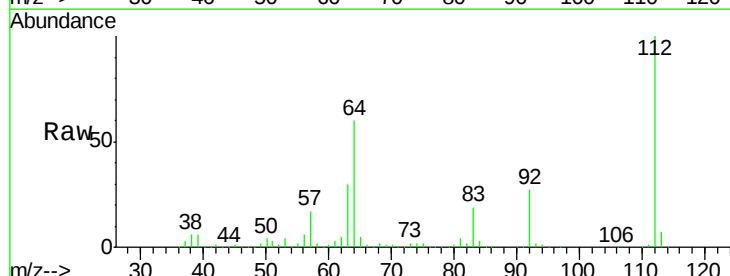
Tgt Ion:112 Resp: 530738

Ion Ratio Lower Upper

112 100

64 59.6 49.0 73.4

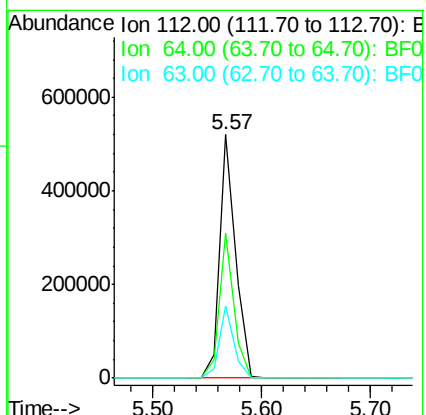
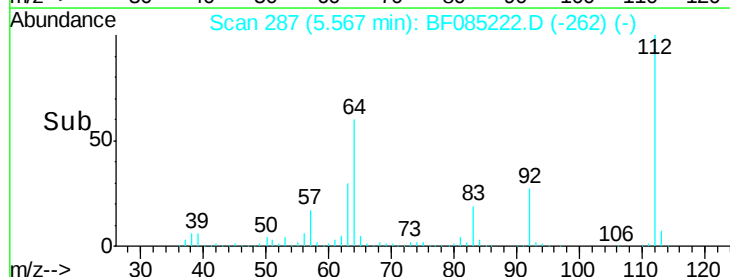
63 29.6 24.8 37.2

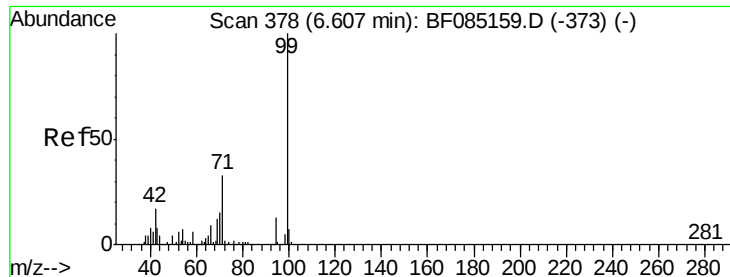


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.73 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085222.D

Acq: 5 Mar 2016 00:20

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-2-16

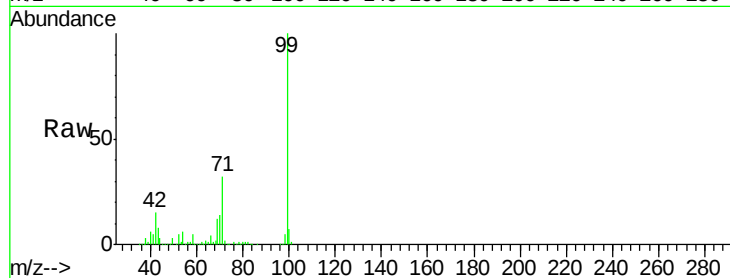
Tgt Ion: 99 Resp: 466564

Ion Ratio Lower Upper

99 100

42 14.9 13.6 20.4

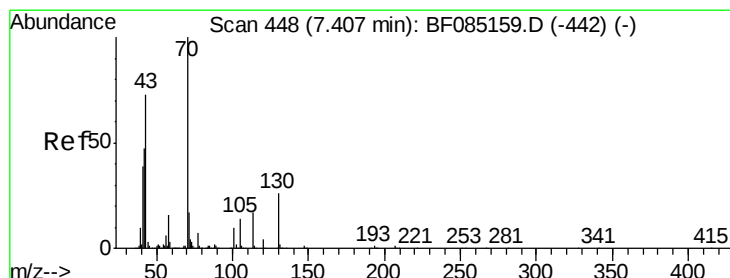
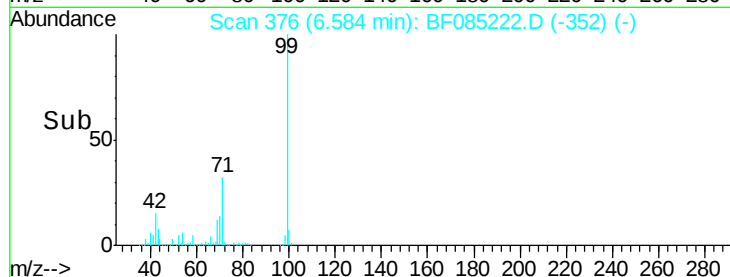
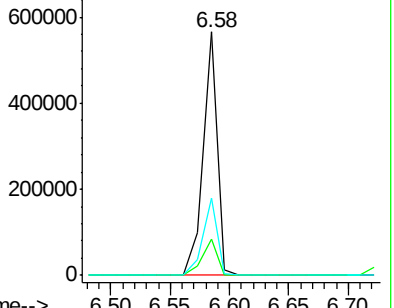
71 31.5 26.7 40.1



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: 17.26 ng

RT: 7.53 min Scan# 459

Delta R.T. 0.13 min

Lab File: BF085222.D

Acq: 5 Mar 2016 00:20

Tgt Ion: 70 Resp: 139089

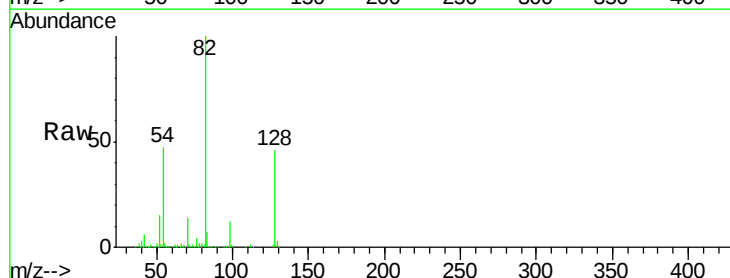
Ion Ratio Lower Upper

70 100

42 42.0 37.7 56.5

101 0.0 8.2 12.4#

130 2.2 20.5 30.7#

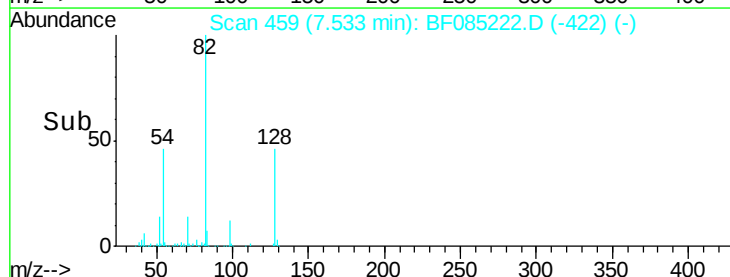
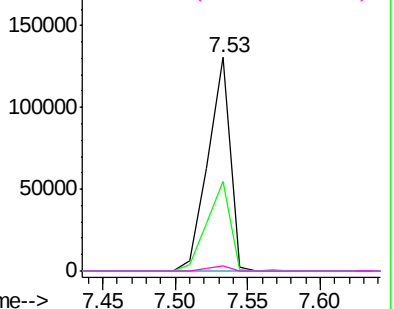


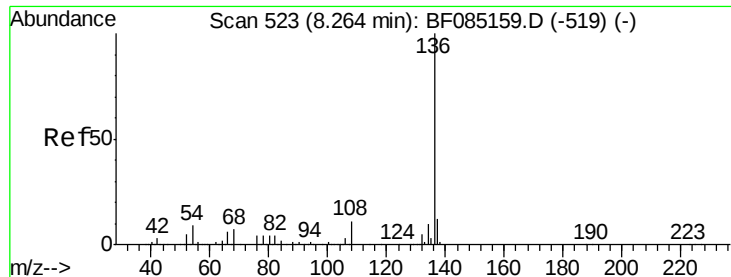
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

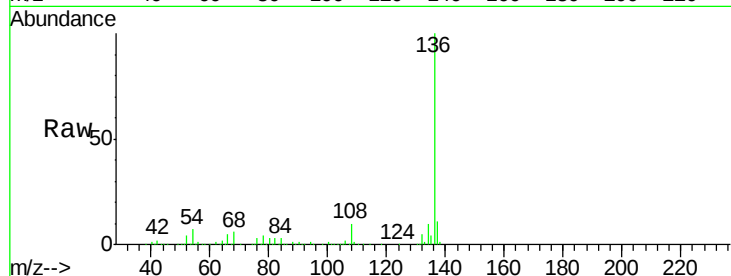




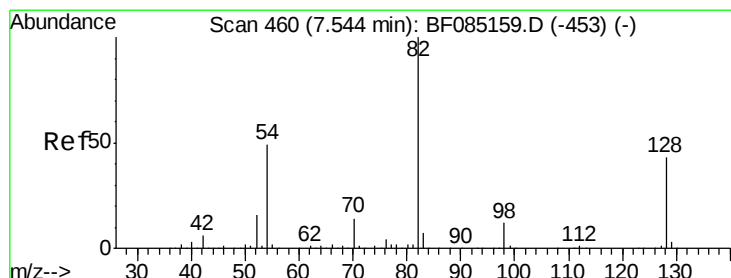
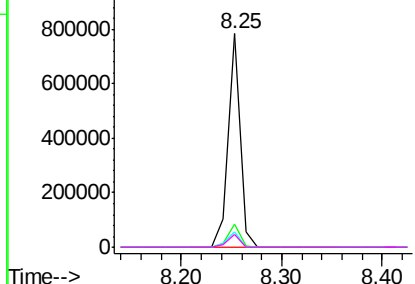
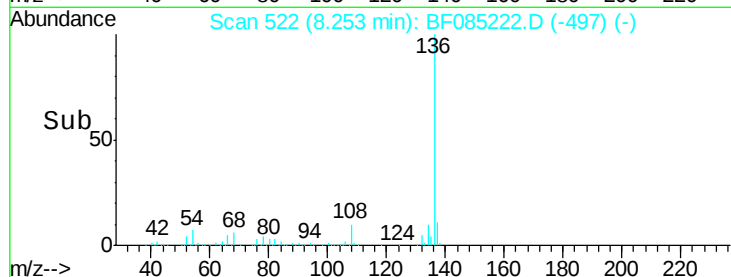
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085222.D
Acq: 5 Mar 2016 00:20

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-3-2-16

Tgt Ion:	136	Resp:	653556
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	7.4	7.4	11.2#
68	6.3	6.0	9.0

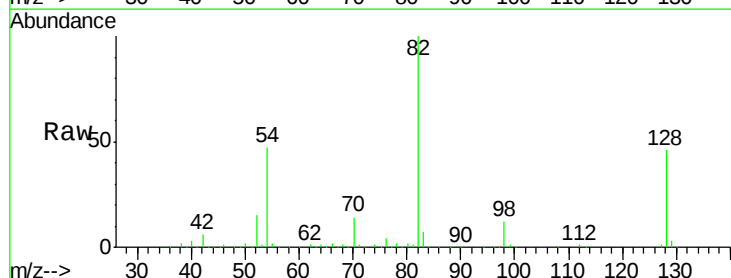


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

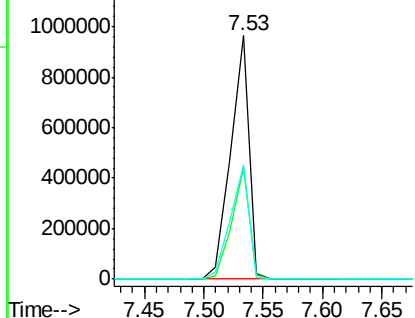
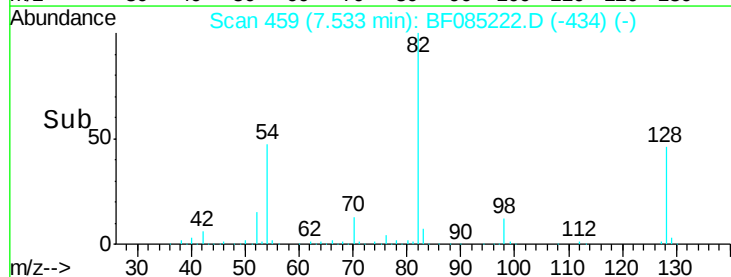


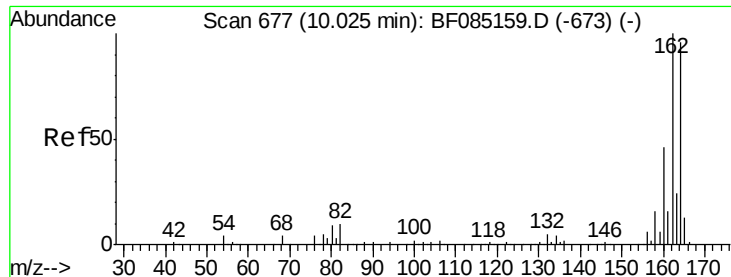
#23
Nitrobenzene-d5
Concen: 84.20 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085222.D
Acq: 5 Mar 2016 00:20

Tgt Ion:	82	Resp:	1028397
Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.5	51.7
54	46.8	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: BF085222.D

Acq: 5 Mar 2016 00:20

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-2-16

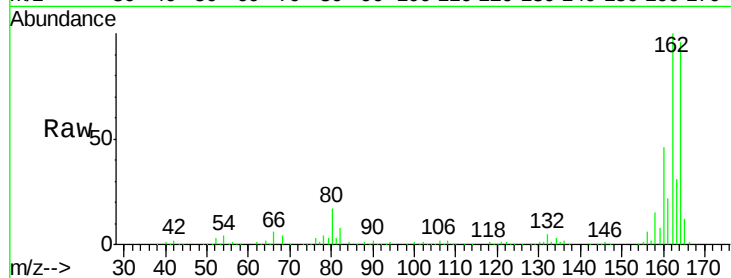
Tgt Ion:164 Resp: 300393

Ion Ratio Lower Upper

164 100

162 104.2 83.3 124.9

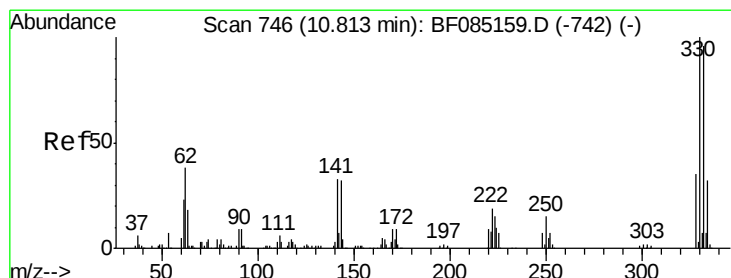
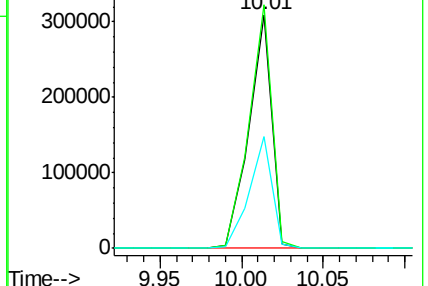
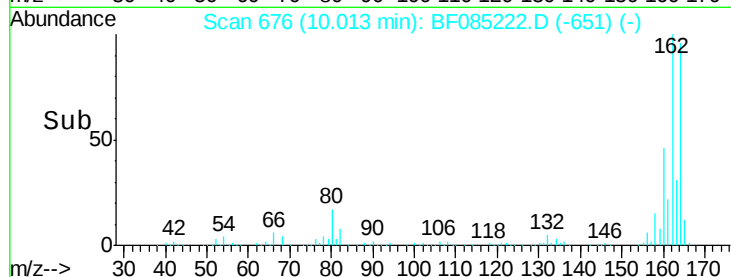
160 47.7 37.9 56.9



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: 112.54 ng

RT: 10.80 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF085222.D

Acq: 5 Mar 2016 00:20

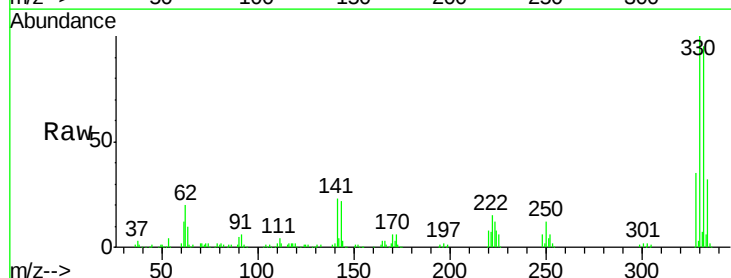
Tgt Ion:330 Resp: 289262

Ion Ratio Lower Upper

330 100

332 95.2 77.1 115.7

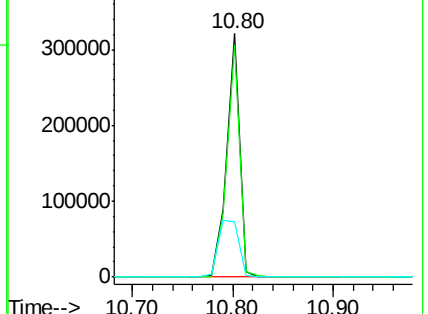
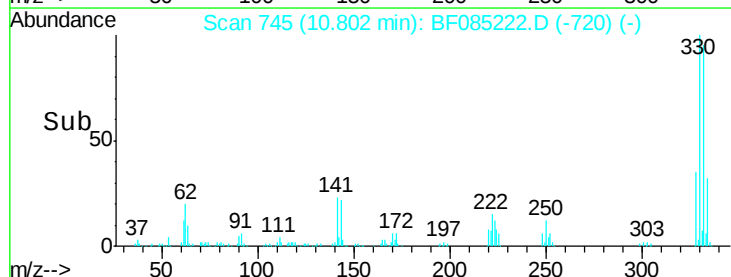
141 36.1 35.0 52.6

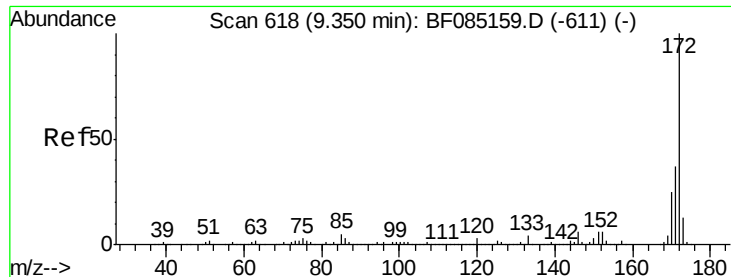


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

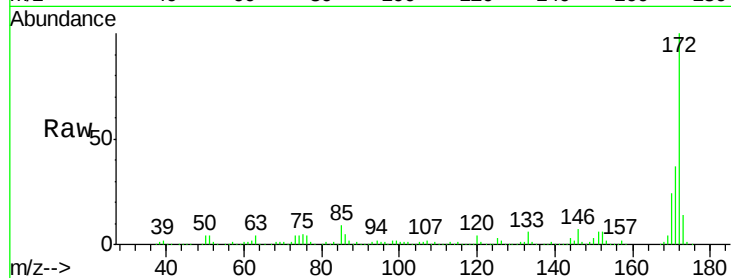




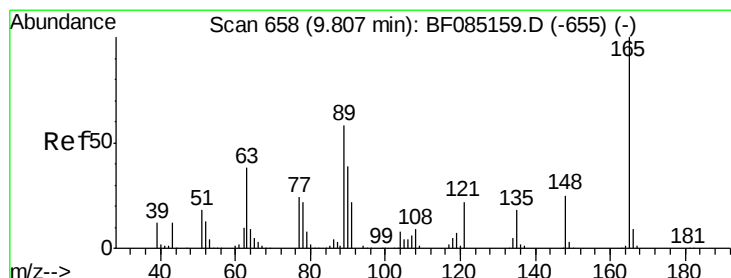
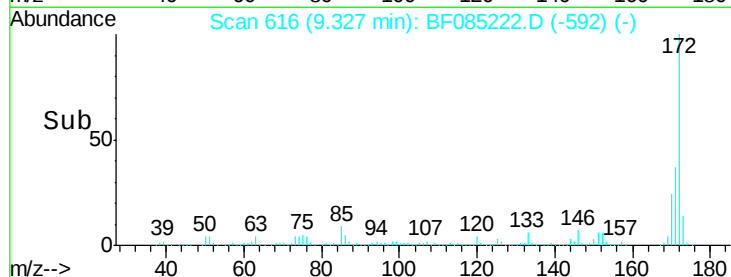
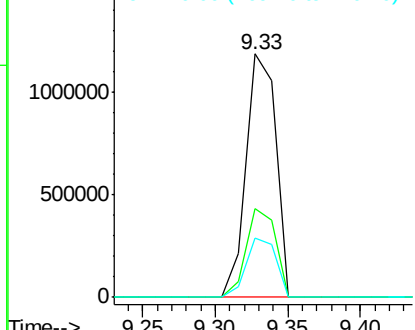
#44
 2-Fluorobiphenyl
 Concen: 85.73 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085222.D
 Acq: 5 Mar 2016 00:20

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-2-16

Tgt Ion:172 Resp: 1693372
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.3 43.9
 170 24.3 20.0 30.0

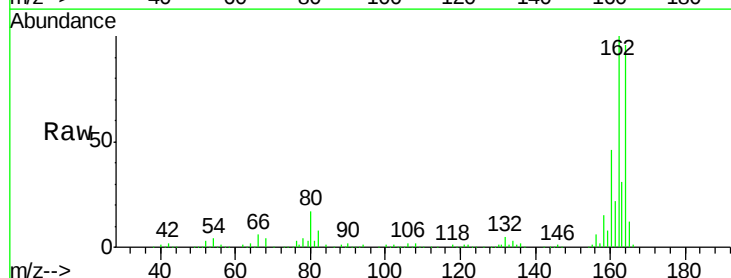


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

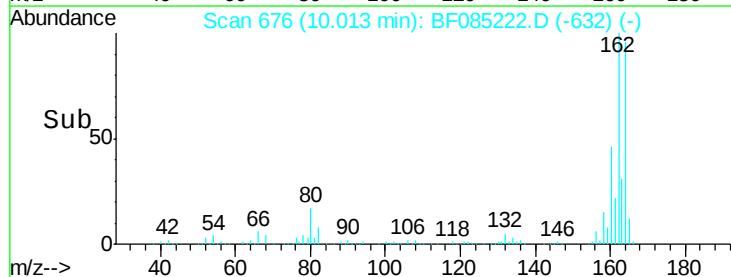
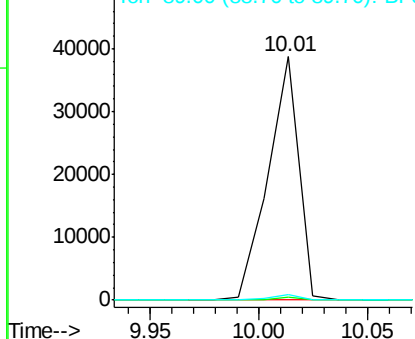


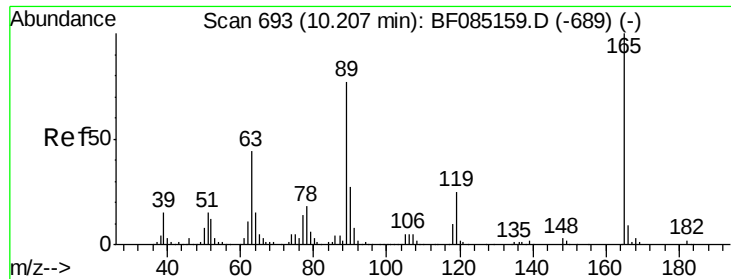
#50
 2,6-Dinitrotoluene
 Concen: 7.79 ng
 RT: 10.01 min Scan# 676
 Delta R.T. 0.21 min
 Lab File: BF085222.D
 Acq: 5 Mar 2016 00:20

Tgt Ion:165 Resp: 38414
 Ion Ratio Lower Upper
 165 100
 63 1.2 41.8 62.8#
 89 2.2 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

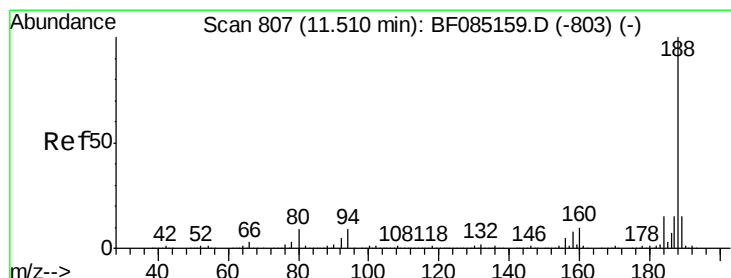
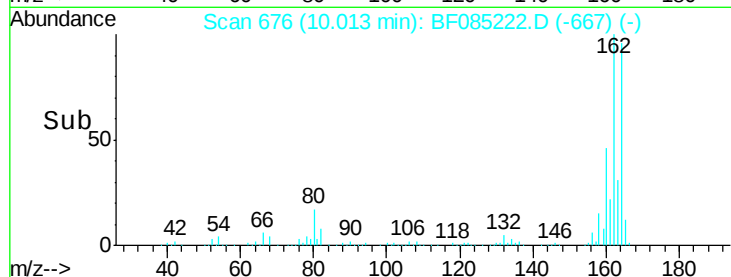
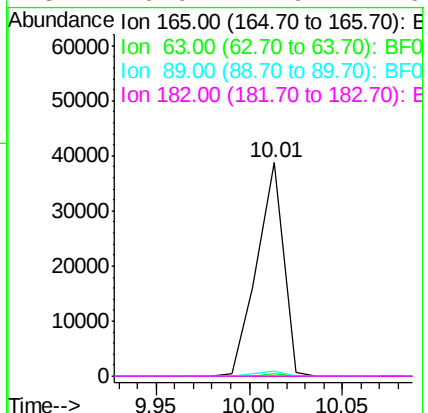
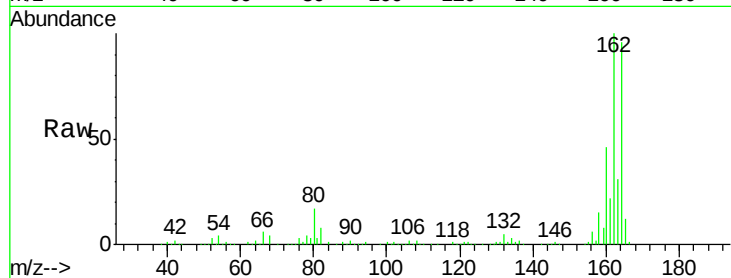




#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.19 min
 Lab File: BF085222.D
 Acq: 5 Mar 2016 00:20

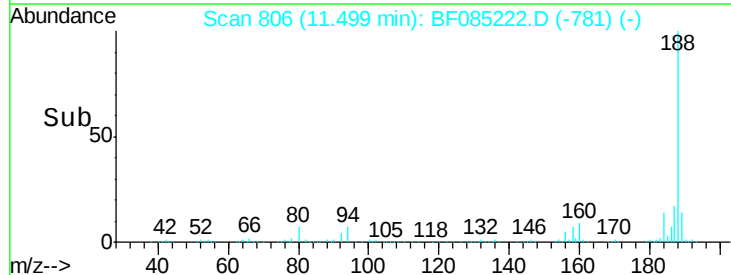
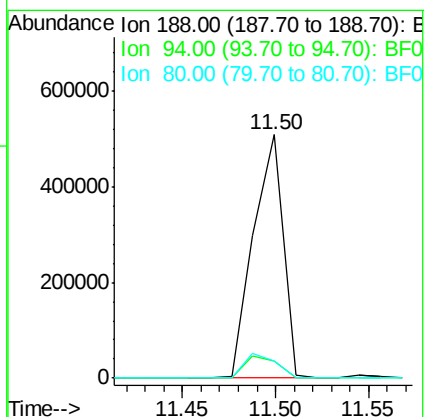
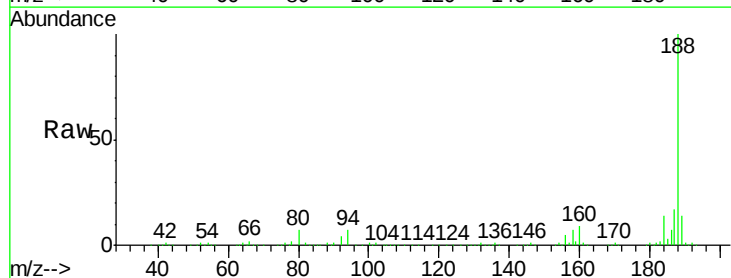
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-2-16

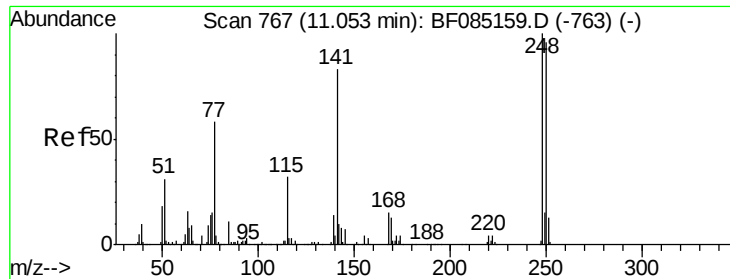
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.4	53.0#
89	2.2	61.9	92.9#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF085222.D
 Acq: 5 Mar 2016 00:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.0	10.6#
80	6.8	7.4	11.0#

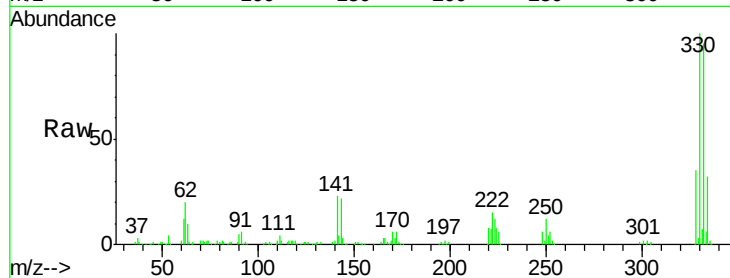




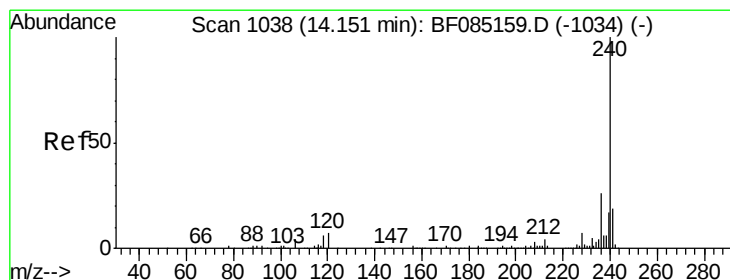
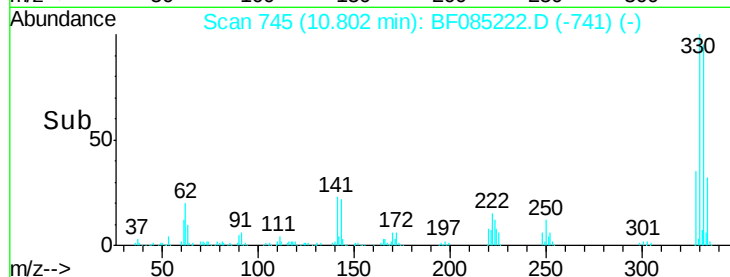
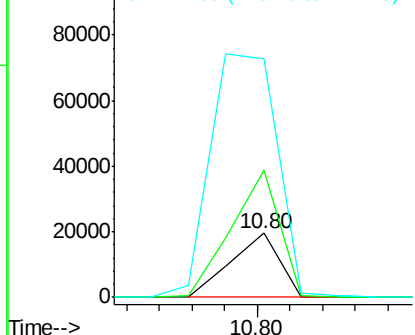
#66
4-Bromophenyl-phenylether
Concen: 3.64 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF085222.D
Acq: 5 Mar 2016 00:20

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-3-2-16

Tgt Ion:248 Resp: 19874
Ion Ratio Lower Upper
248 100
250 199.3 77.1 115.7#
141 371.3 66.2 99.2#

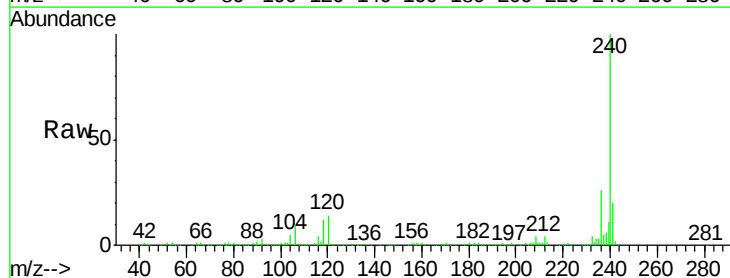


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

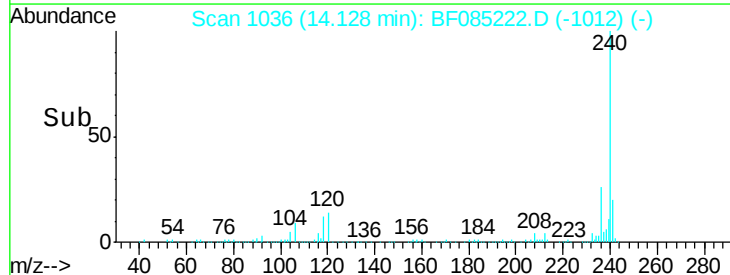
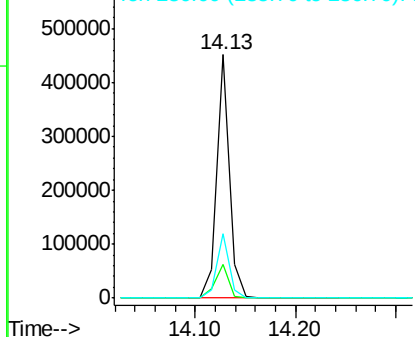


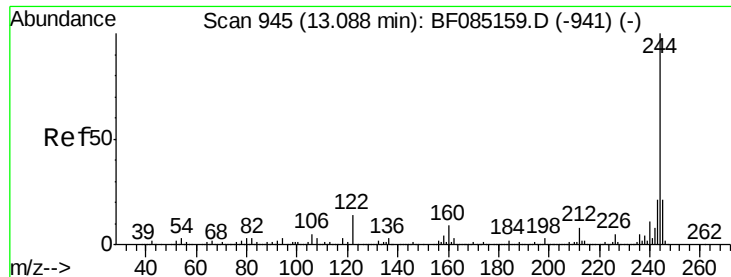
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085222.D
Acq: 5 Mar 2016 00:20

Tgt Ion:240 Resp: 394740
Ion Ratio Lower Upper
240 100
120 13.8 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

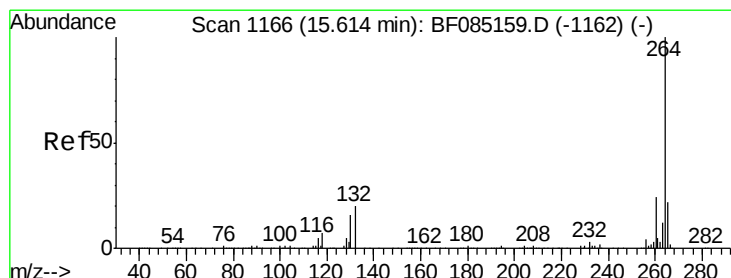
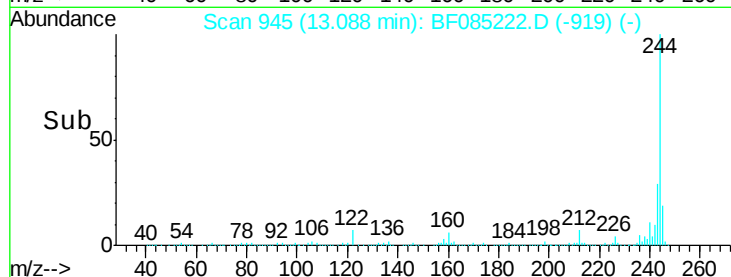
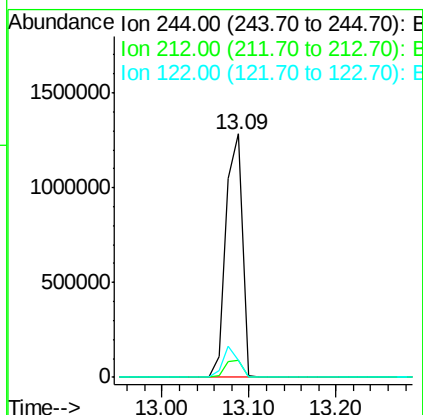
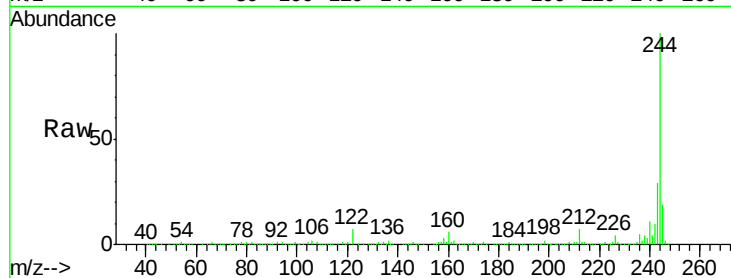




#78
 Terphenyl-d14
 Concen: 99.20 ng
 RT: 13.09 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF085222.D
 Acq: 5 Mar 2016 00:20

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-2-16

Tgt Ion:244 Resp: 1686857
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.4 9.6
 122 7.2 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF085222.D
 Acq: 5 Mar 2016 00:20

Tgt Ion:264 Resp: 270599
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 20.8 17.3 25.9

