

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085234.D
 Acq On : 5 Mar 2016 5:53
 Operator : SJ/IZ
 Sample : H1686-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-45(9-11)

Quant Time: Mar 06 23:41:24 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

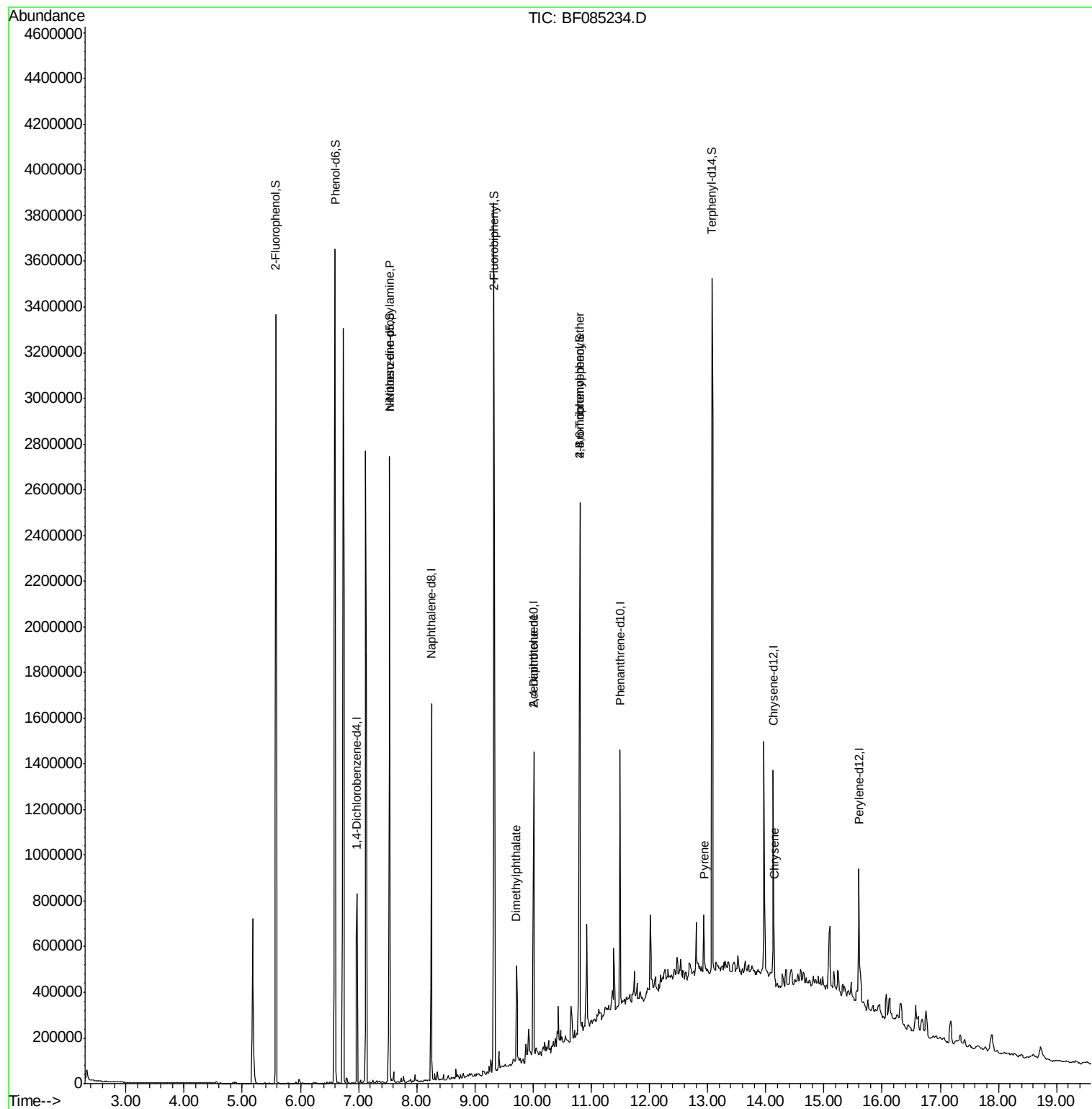
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	172701	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	732532	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	310425	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	537653	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	313210	20.00	ng	-0.02
86) Perylene-d12	15.60	264	284478	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1159524	112.62	ng	0.00
7) Phenol-d6	6.60	99	1566323	116.12	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1070470	78.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	367561	138.38	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1667911	81.71	ng	-0.02
78) Terphenyl-d14	13.08	244	1369602	101.51	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	145196	16.52	ng	# 77
49) Dimethylphthalate	9.72	163	136958	5.75	ng	98
56) 2,4-Dinitrotoluene	10.01	165	41748	6.40	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	25870	4.96	ng	# 1
77) Pyrene	12.94	202	152465	6.47	ng	98
82) Chrysene	14.14	228	34962	2.02	ng	# 93

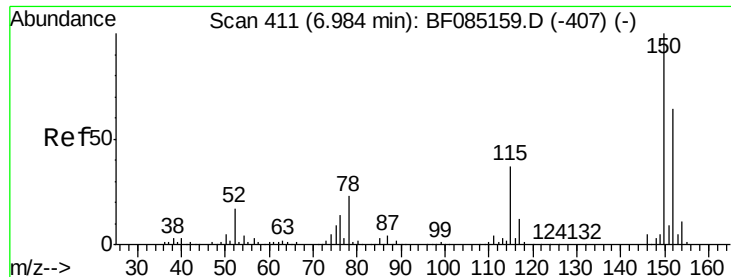
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085234.D

Acq: 5 Mar 2016 5:53

Instrument :

BNA_F

ClientSampleId :

SB-45(9-11)

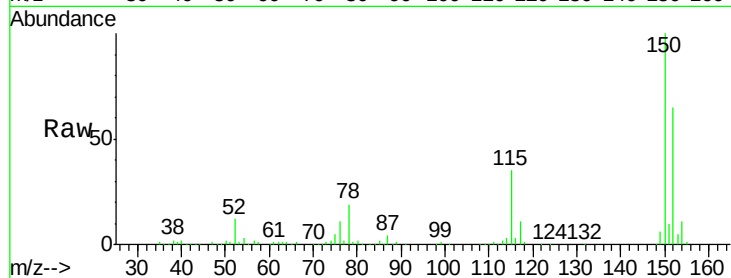
Tgt Ion:152 Resp: 172701

Ion Ratio Lower Upper

152 100

150 153.6 124.6 186.8

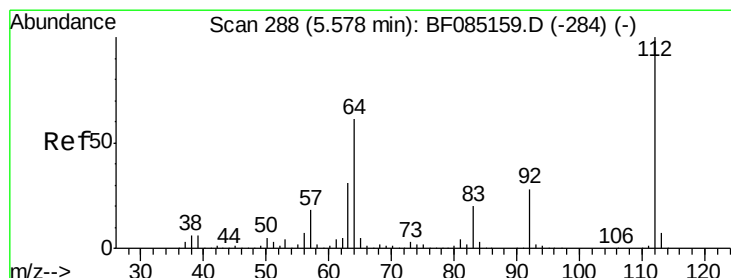
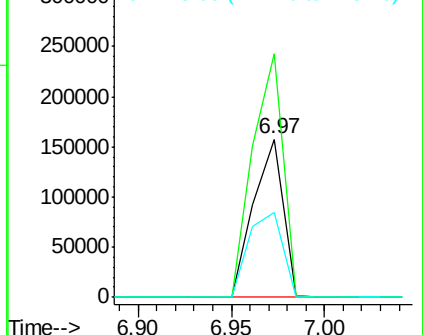
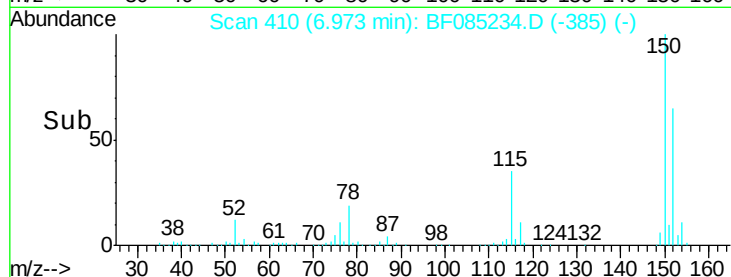
115 53.9 46.6 70.0



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: 112.62 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085234.D

Acq: 5 Mar 2016 5:53

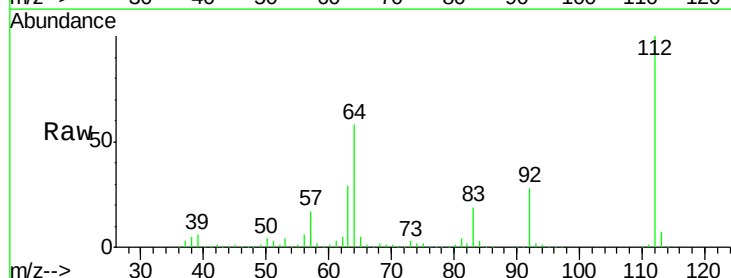
Tgt Ion:112 Resp: 1159524

Ion Ratio Lower Upper

112 100

64 58.3 49.0 73.4

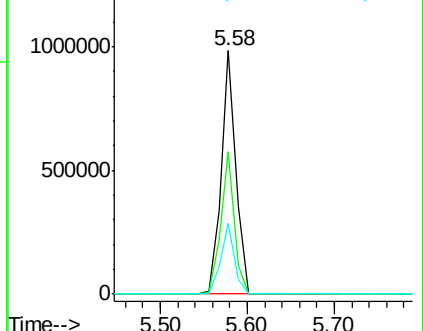
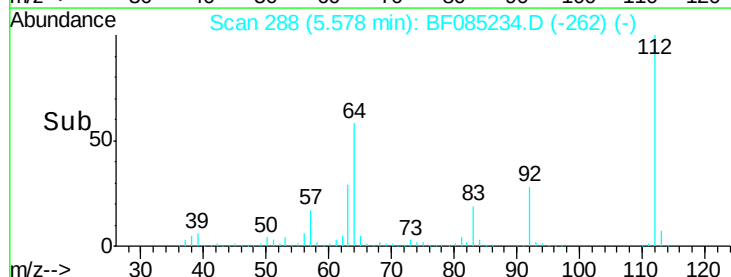
63 29.3 24.8 37.2

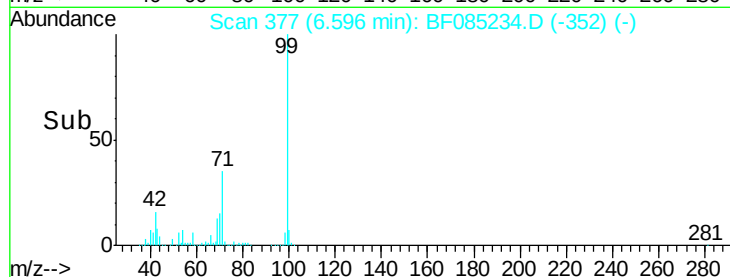
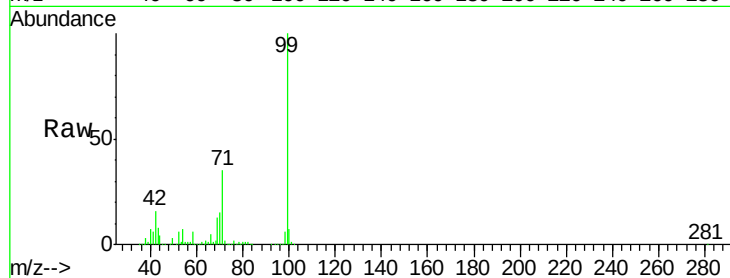
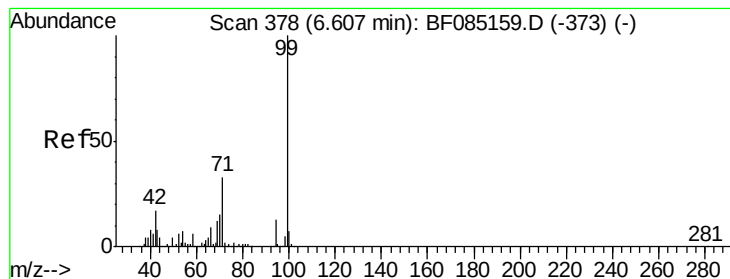


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.12 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085234.D

Acq: 5 Mar 2016 5:53

Instrument :

BNA_F

ClientSampleId :

SB-45(9-11)

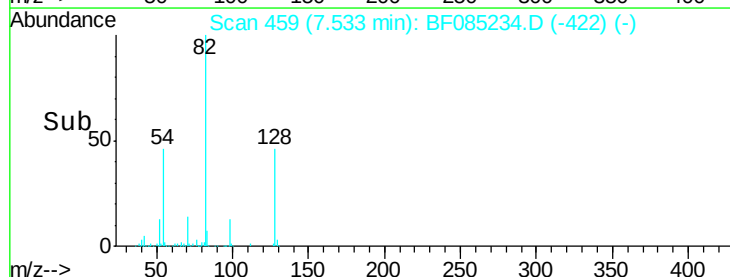
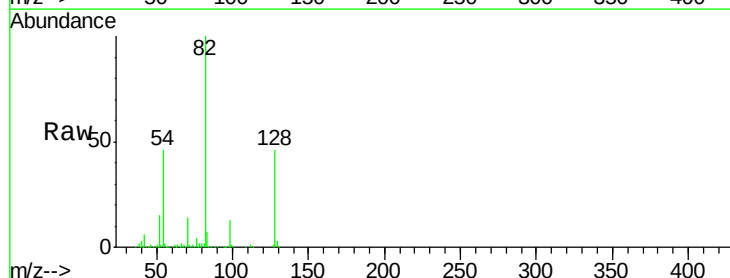
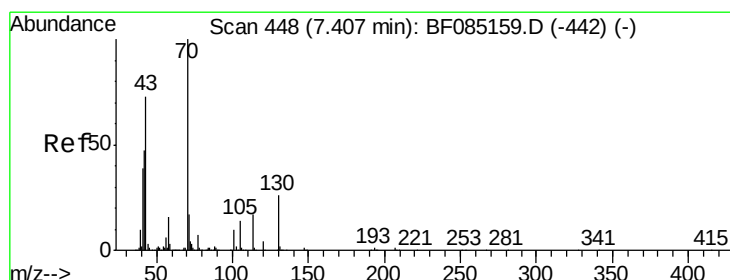
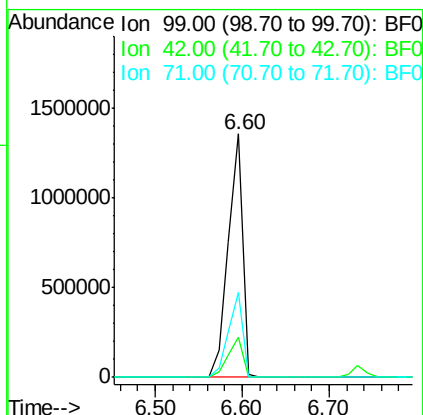
Tgt Ion: 99 Resp: 1566323

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

71 34.9 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 16.52 ng

RT: 7.53 min Scan# 459

Delta R.T. 0.13 min

Lab File: BF085234.D

Acq: 5 Mar 2016 5:53

Tgt Ion: 70 Resp: 145196

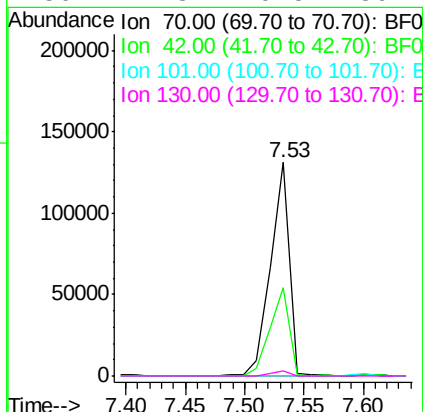
Ion Ratio Lower Upper

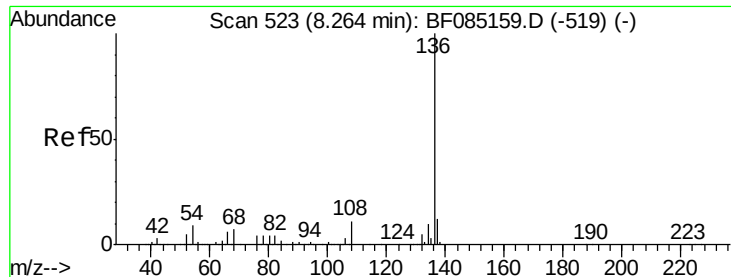
70 100

42 41.1 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#

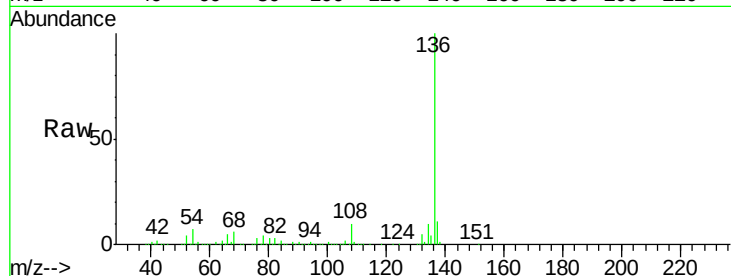




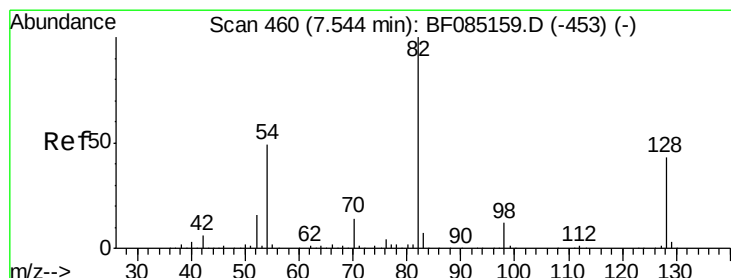
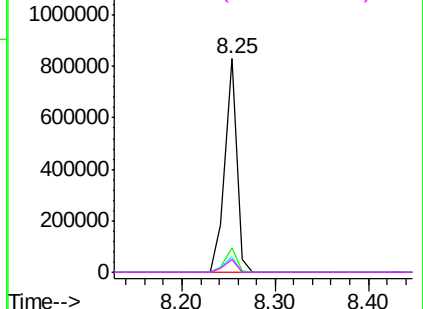
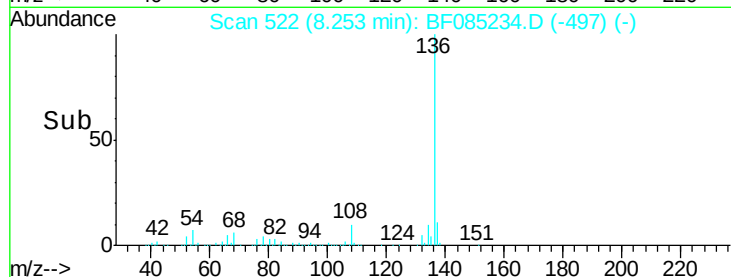
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085234.D
Acq: 5 Mar 2016 5:53

Instrument :
BNA_F
ClientSampleId :
SB-45(9-11)

Tgt Ion:	136	Resp:	732532
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	7.2	7.4	11.2#
68	6.2	6.0	9.0

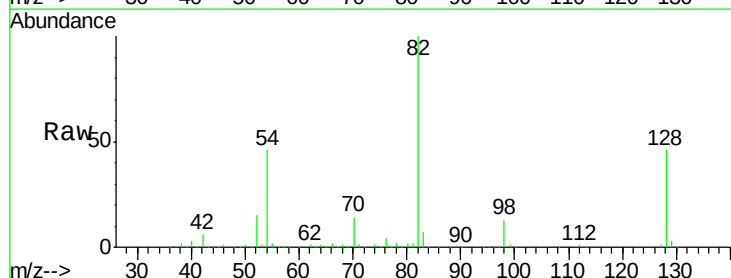


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

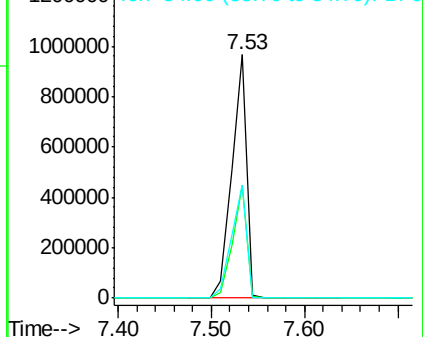
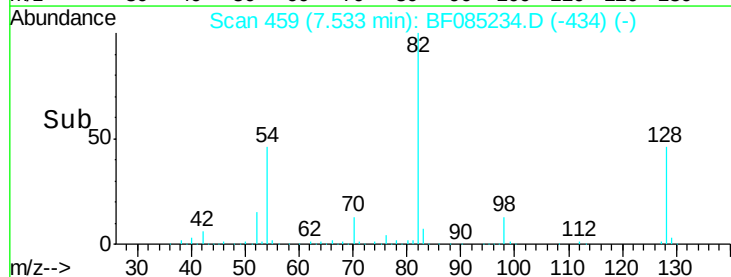


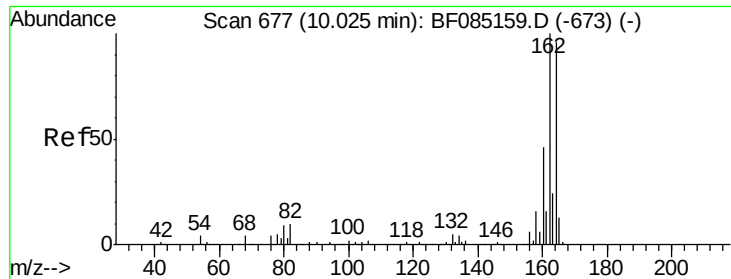
#23
Nitrobenzene-d5
Concen: 78.20 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085234.D
Acq: 5 Mar 2016 5:53

Tgt Ion:	82	Resp:	1070470
Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.5	51.7
54	46.5	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

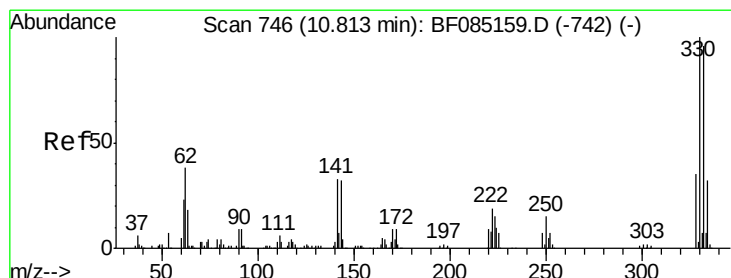
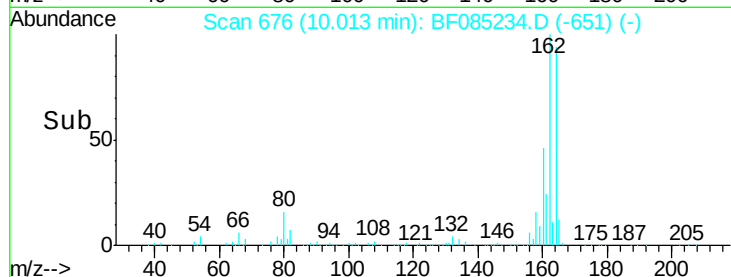
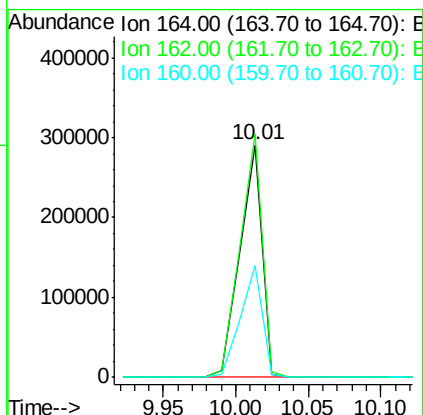
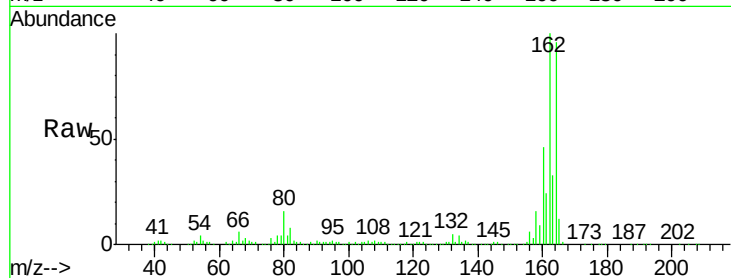




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085234.D
 Acq: 5 Mar 2016 5:53

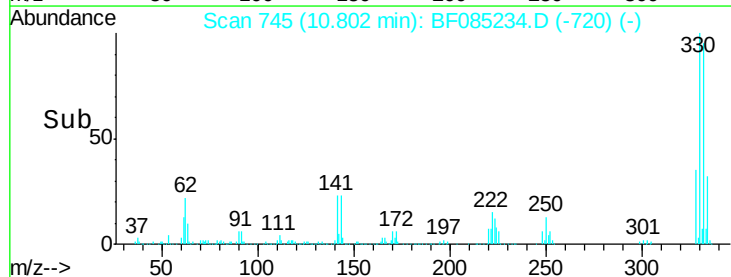
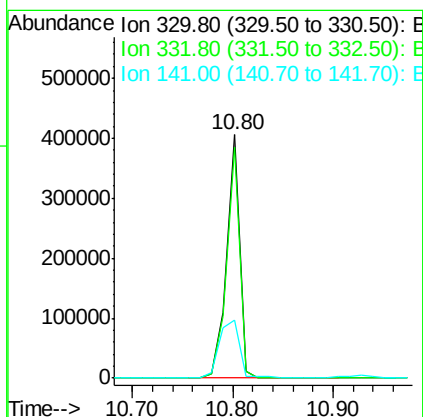
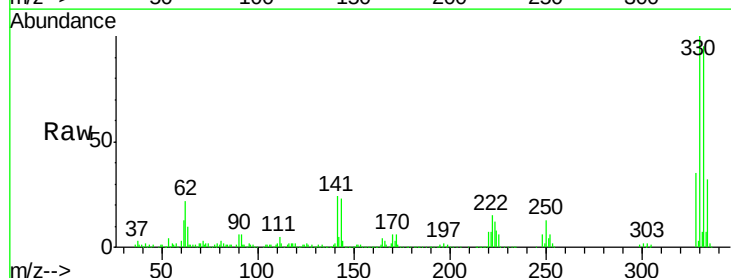
Instrument :
 BNA_F
 ClientSampleId :
 SB-45(9-11)

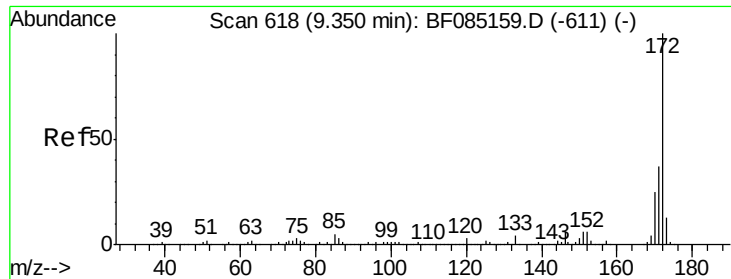
Tgt Ion:164 Resp: 310425
 Ion Ratio Lower Upper
 164 100
 162 104.6 83.3 124.9
 160 47.8 37.9 56.9



#41
 2,4,6-Tribromophenol
 Concen: 138.38 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085234.D
 Acq: 5 Mar 2016 5:53

Tgt Ion:330 Resp: 367561
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.1 115.7
 141 36.0 35.0 52.6

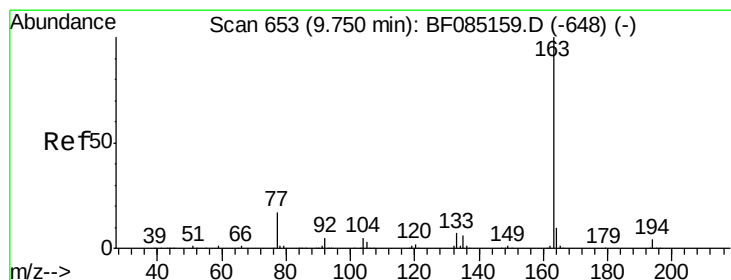
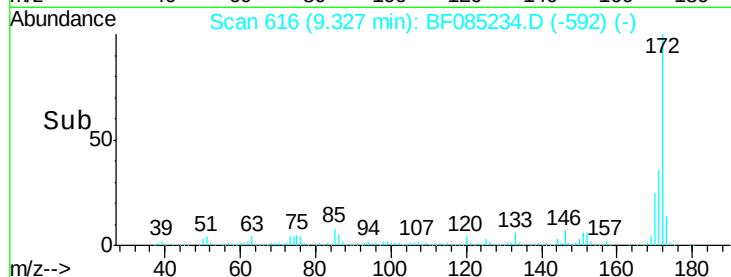
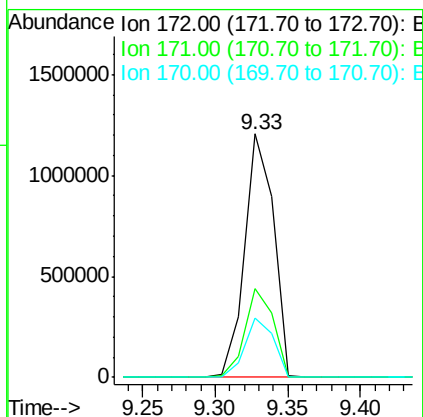
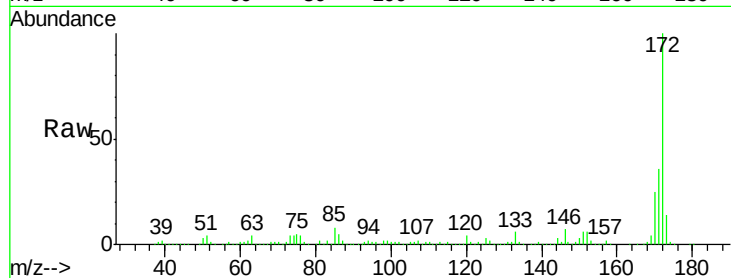




#44
 2-Fluorobiphenyl
 Concen: 81.71 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085234.D
 Acq: 5 Mar 2016 5:53

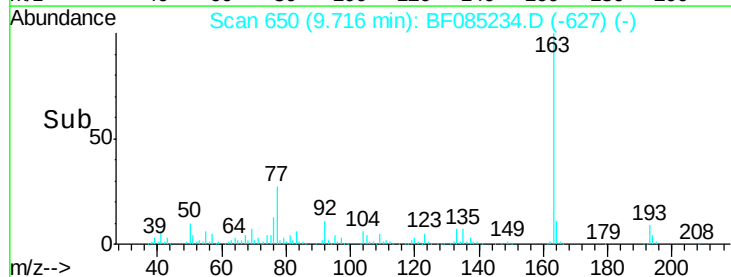
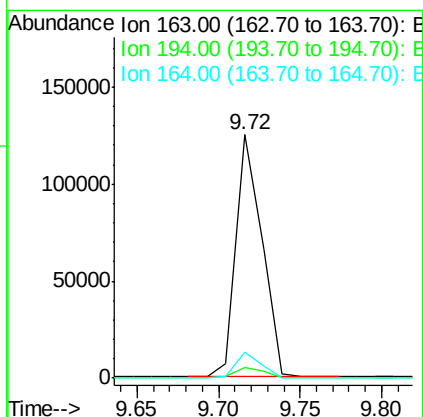
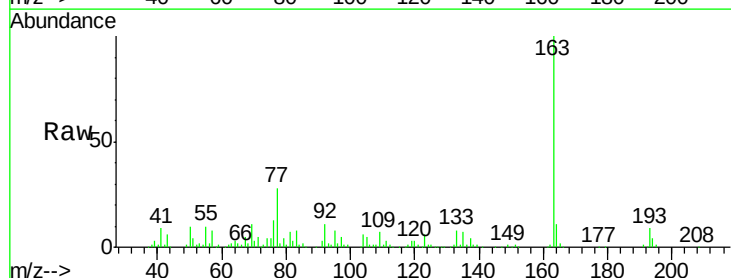
Instrument :
 BNA_F
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 SB-45(9-11)

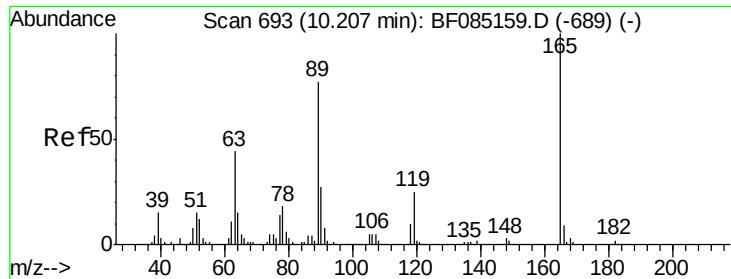
Tgt Ion:172 Resp: 1667911
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.3 43.9
 170 24.6 20.0 30.0



#49
 Dimethylphthalate
 Concen: 5.75 ng
 RT: 9.72 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF085234.D
 Acq: 5 Mar 2016 5:53

Tgt Ion:163 Resp: 136958
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.1 4.7
 164 10.9 8.2 12.4

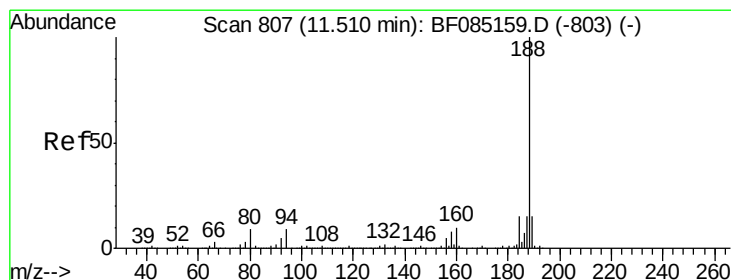
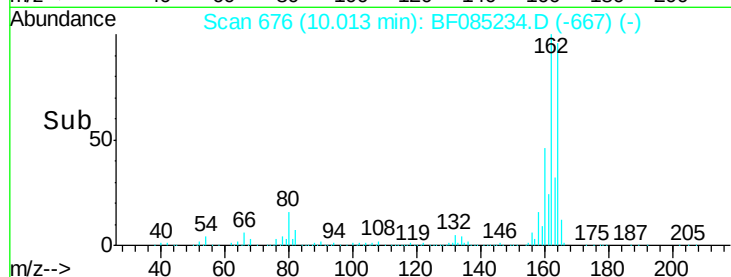
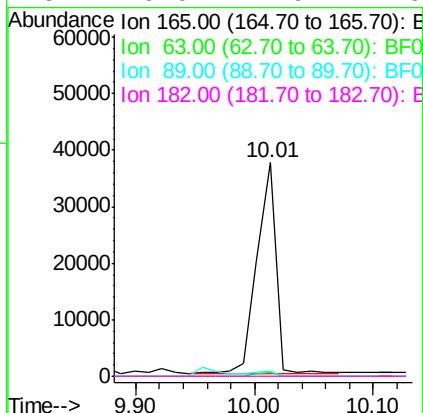
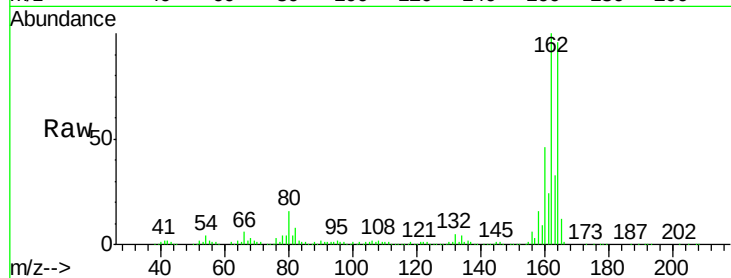




#56
 2,4-Dinitrotoluene
 Concen: 6.40 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.19 min
 Lab File: BF085234.D
 Acq: 5 Mar 2016 5:53

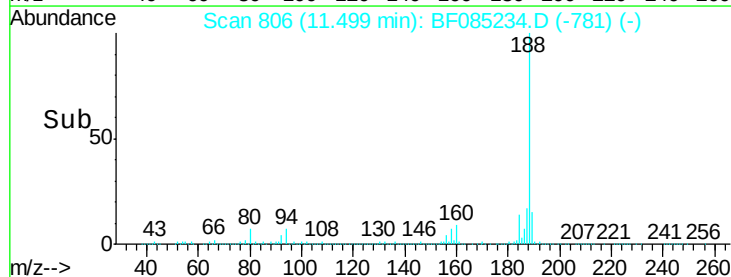
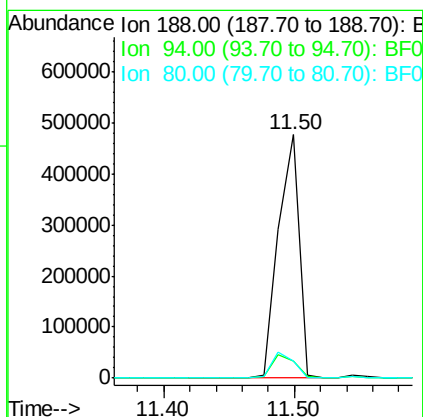
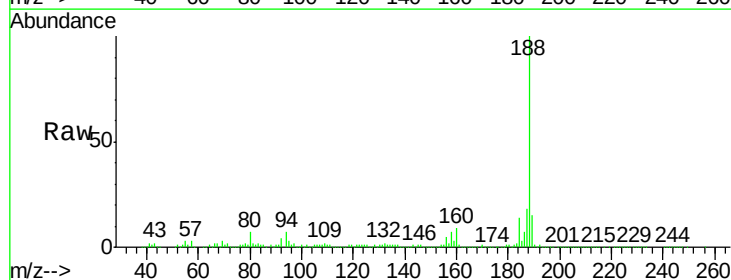
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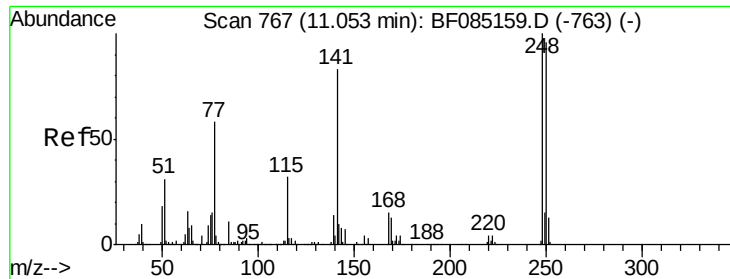
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	35.4	53.0#
89	2.3	61.9	92.9#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF085234.D
 Acq: 5 Mar 2016 5:53

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

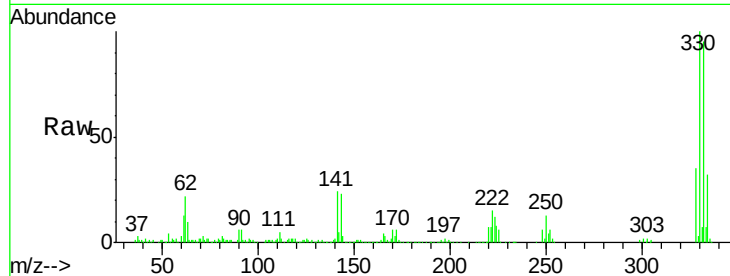




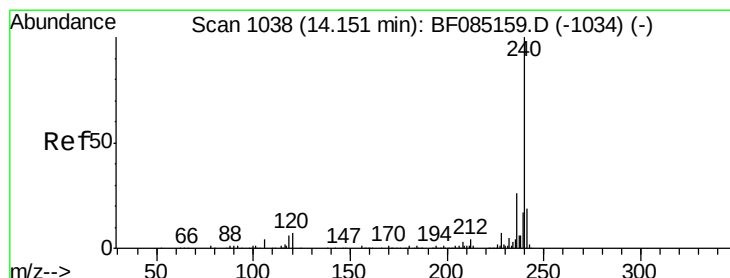
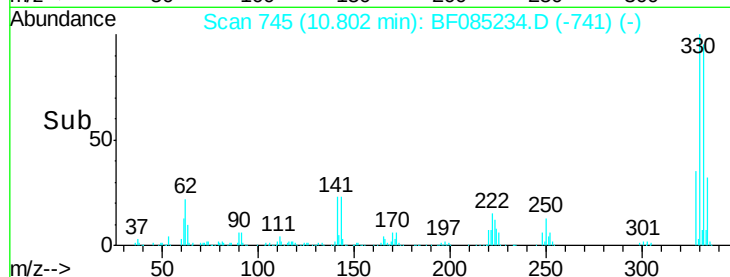
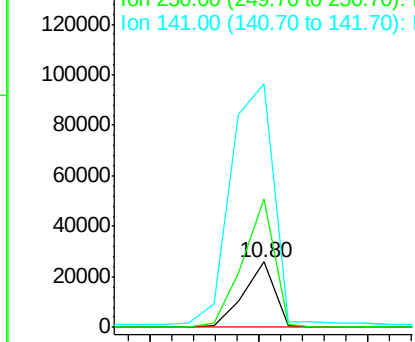
#66
4-Bromophenyl-phenylether
Concen: 4.96 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF085234.D
Acq: 5 Mar 2016 5:53

Instrument :
BNA_F
ClientSampleId :
SB-45(9-11)

Tgt Ion:248 Resp: 25870
Ion Ratio Lower Upper
248 100
250 197.0 77.1 115.7#
141 372.6 66.2 99.2#

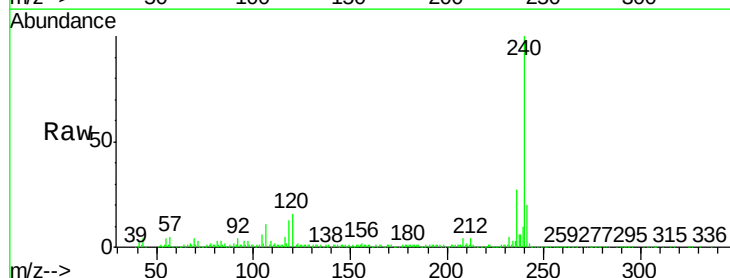


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

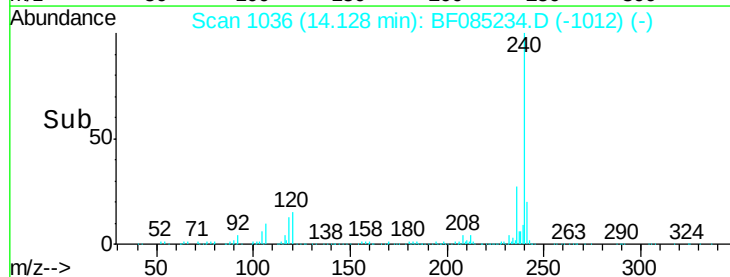
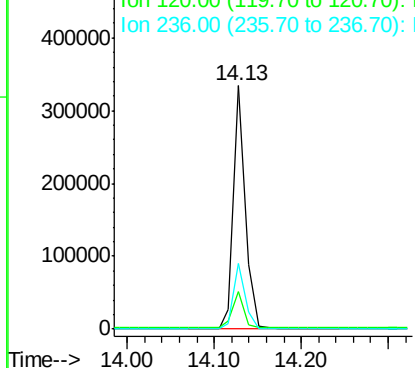


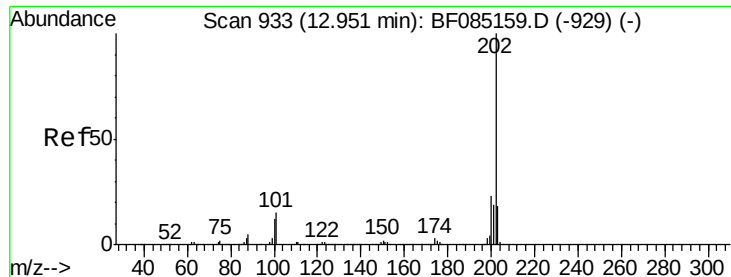
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085234.D
Acq: 5 Mar 2016 5:53

Tgt Ion:240 Resp: 313210
Ion Ratio Lower Upper
240 100
120 15.7 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





#77

Pyrene

Concen: 6.47 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF085234.D

Acq: 5 Mar 2016 5:53

Instrument :

BNA_F

ClientSampleId :

SB-45(9-11)

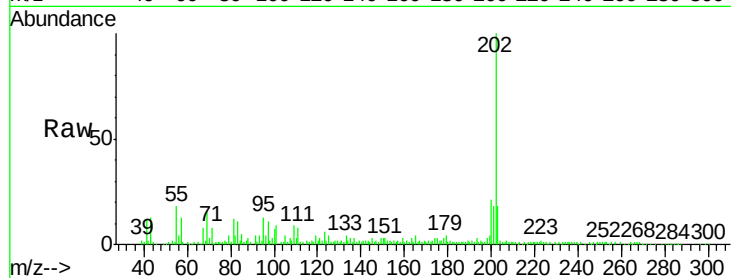
Tgt Ion:202 Resp: 152465

Ion Ratio Lower Upper

202 100

200 21.2 18.2 27.4

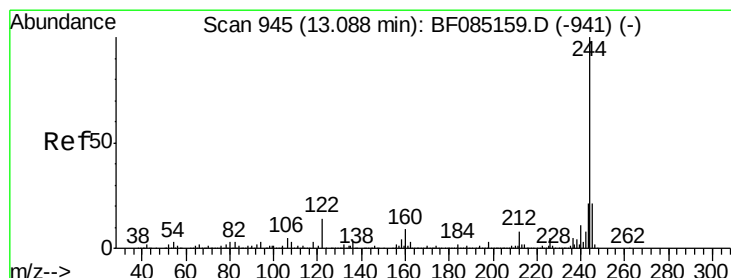
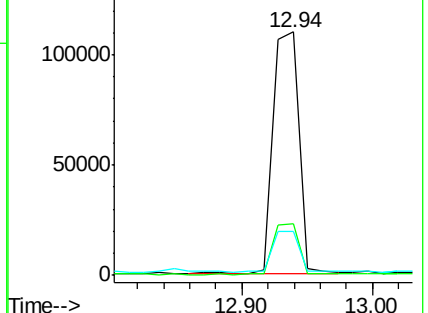
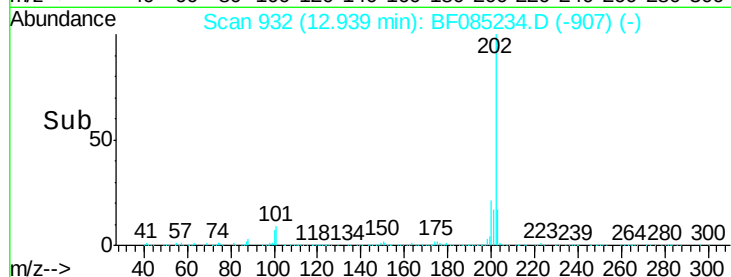
203 17.9 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 101.51 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085234.D

Acq: 5 Mar 2016 5:53

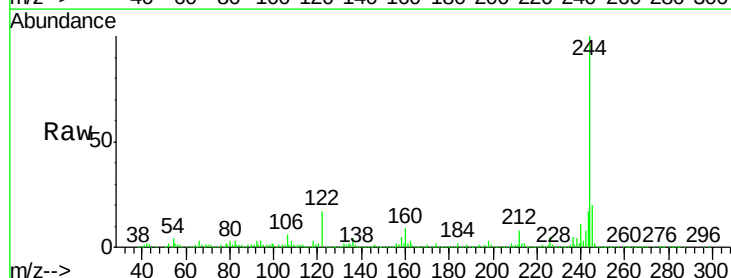
Tgt Ion:244 Resp: 1369602

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

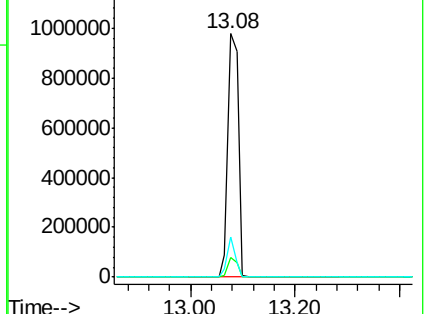
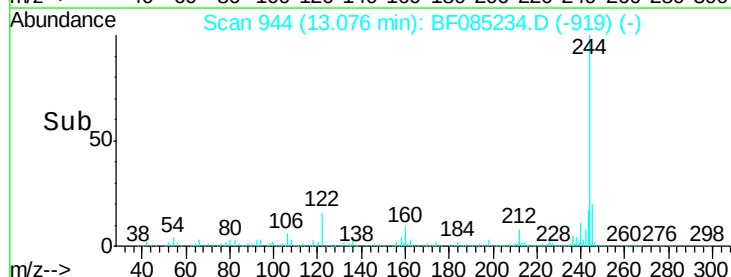
122 16.6 11.4 17.2

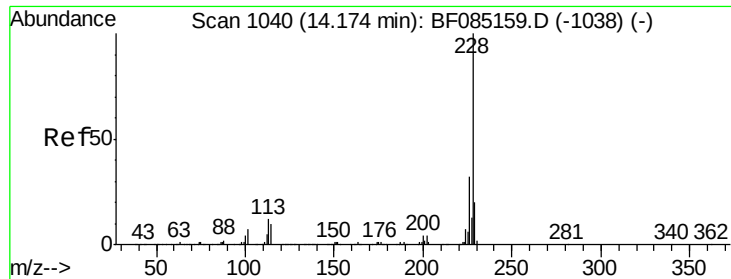


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#82

Chrysene

Concen: 2.02 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.03 min

Lab File: BF085234.D

Acq: 5 Mar 2016 5:53

Instrument :

BNA_F

ClientSampleId :

SB-45(9-11)

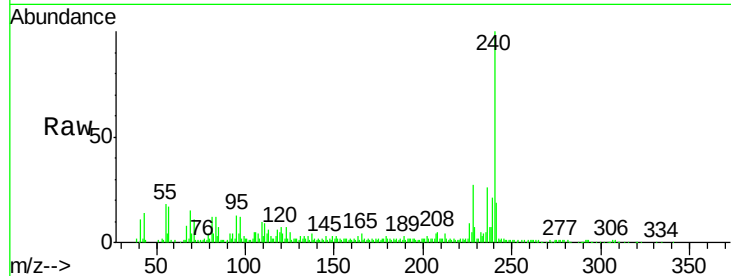
Tgt Ion:228 Resp: 34962

Ion Ratio Lower Upper

228 100

226 32.5 25.2 37.8

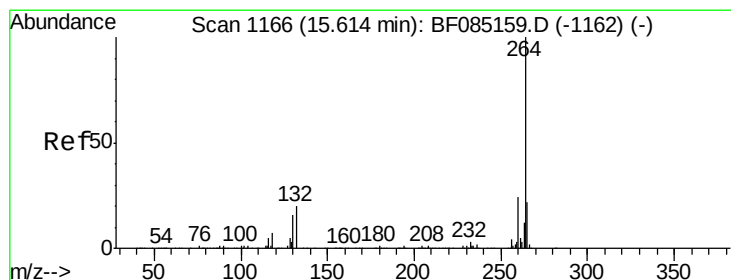
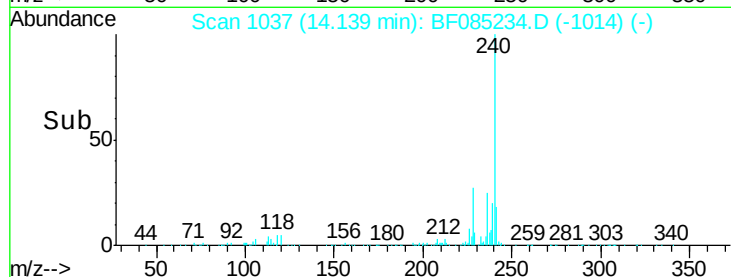
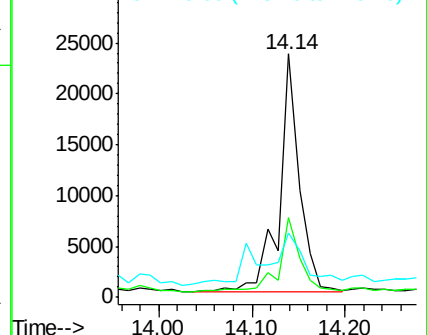
229 26.5 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.60 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF085234.D

Acq: 5 Mar 2016 5:53

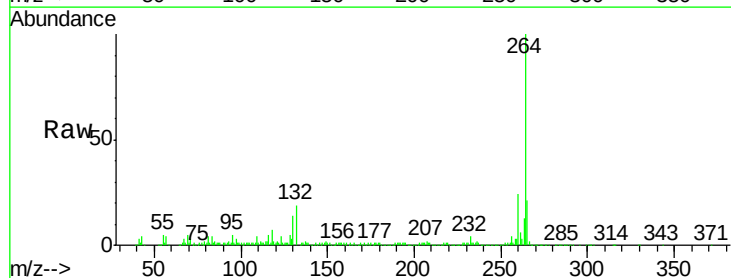
Tgt Ion:264 Resp: 284478

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.0 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

