

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086933.D
 Acq On : 12 May 2016 16:29
 Operator : UM/SJ
 Sample : H2968-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP39-5-6FT

Quant Time: May 13 00:48:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

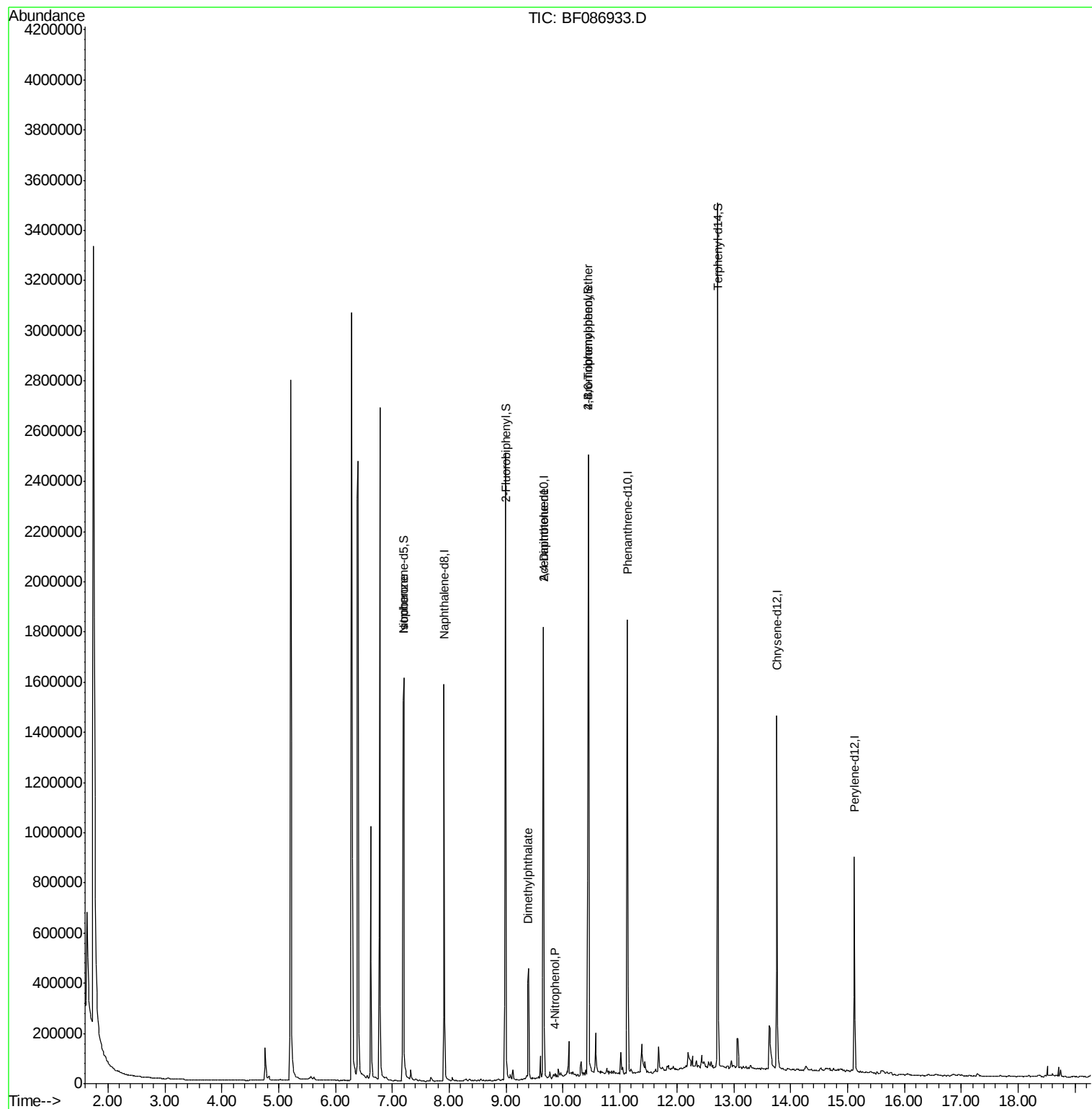
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.69
21) Naphthalene-d8	7.91	136	670926	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	339880	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	620497	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	472165	20.00	ng	-0.08
86) Perylene-d12	15.12	264	354838	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	818198	0.00	ng	-0.08
7) Phenol-d6	6.28	99	1026771	0.00	ng	-0.08
23) Nitrobenzene-d5	7.20	82	753045	56.36	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	261011	72.54	ng	-0.08
44) 2-Fluorobiphenyl	8.99	172	1135883	56.17	ng	-0.07
78) Terphenyl-d14	12.72	244	1050491	47.20	ng	-0.08
Target Compounds						
25) Isophorone	7.20	82	722132	29.13	ng	# 68
49) Dimethylphthalate	9.39	163	251310	9.69	ng	99
55) 4-Nitrophenol	9.86	139	289	4.63	ng	# 31
56) 2,4-Dinitrotoluene	9.66	165	43242	6.40	ng	# 16
66) 4-Bromophenyl-phenylether	10.44	248	16890	2.68	ng	# 1

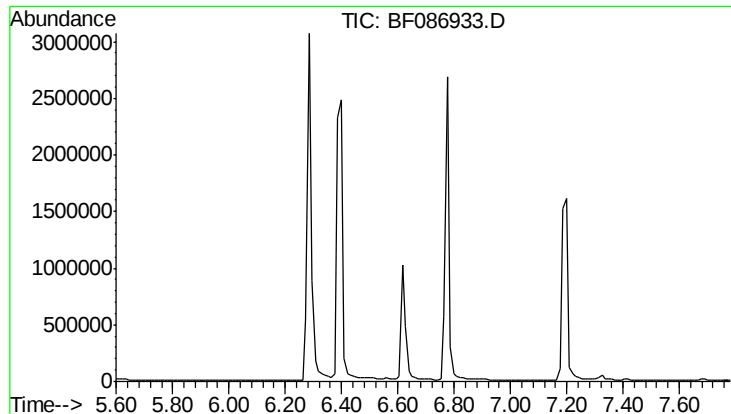
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.69 min

Lab File: BF086933.D

Acq: 12 May 2016 16:29

Instrument :

BNA_F

ClientSampleId :

TP39-5-6FT

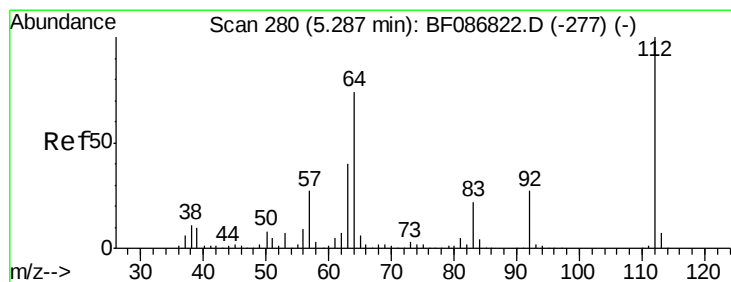
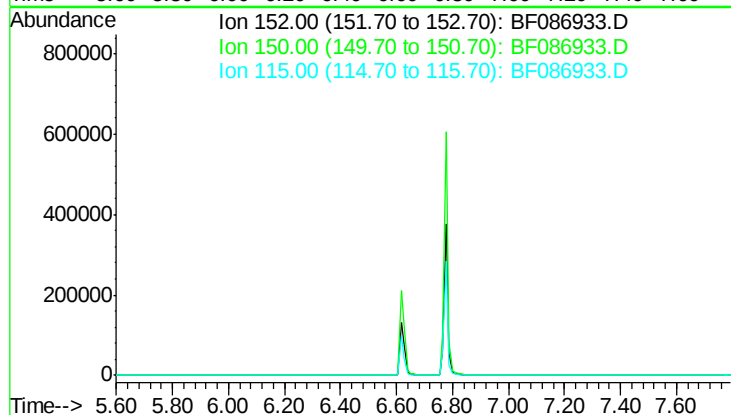
Tgt Ion: 152

Sig Exp Ratio

152 100

150 157.2

115 64.4



#5

2-Fluorophenol

Concen: 0.00 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.08 min

Lab File: BF086933.D

Acq: 12 May 2016 16:29

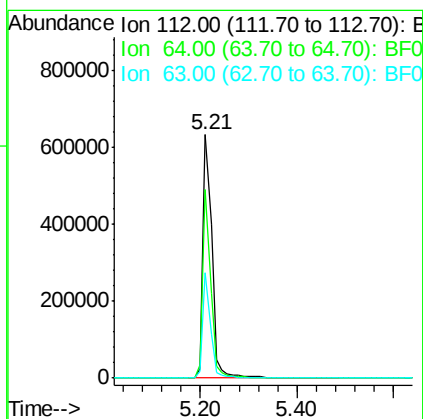
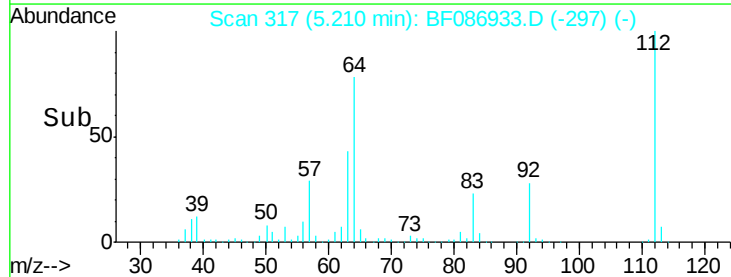
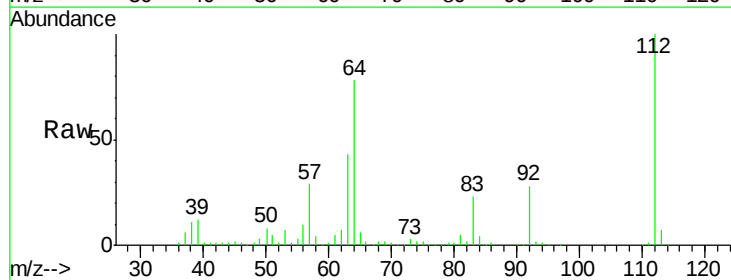
Tgt Ion:112 Resp: 818198

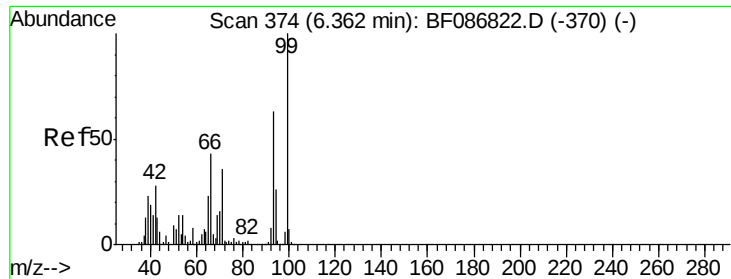
Ion Ratio Lower Upper

112 100

64 77.6 52.1 78.1

63 43.4 25.7 38.5#





#7

Phenol-d6

Concen: 0.00 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF086933.D

Acq: 12 May 2016 16:29

Instrument :

BNA_F

ClientSampleId :

TP39-5-6FT

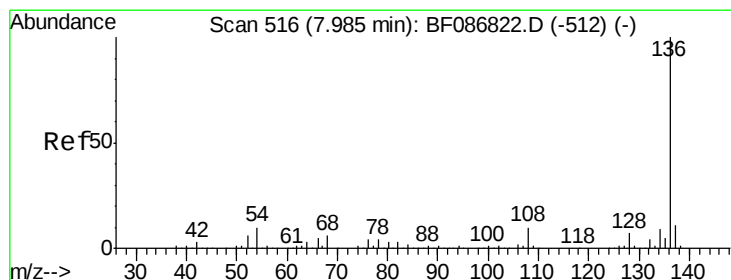
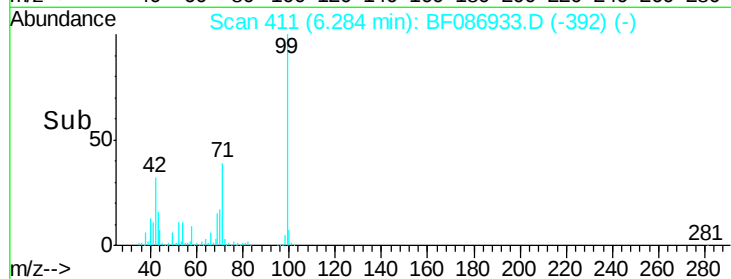
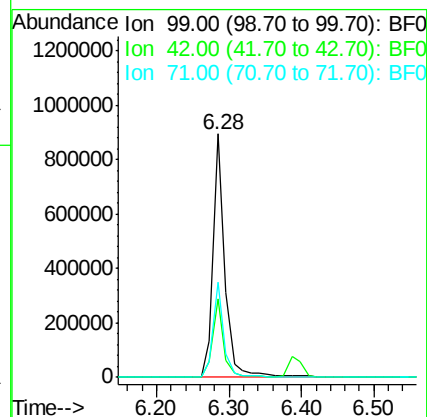
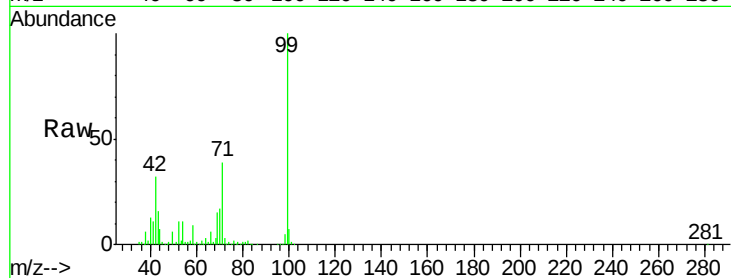
Tgt Ion: 99 Resp: 1026771

Ion Ratio Lower Upper

99 100

42 32.1 13.6 20.4#

71 39.2 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.08 min

Lab File: BF086933.D

Acq: 12 May 2016 16:29

Tgt Ion: 136 Resp: 670926

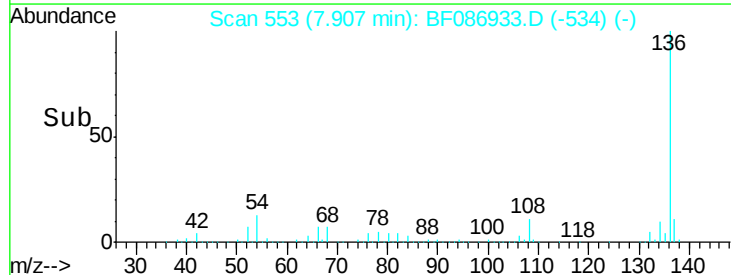
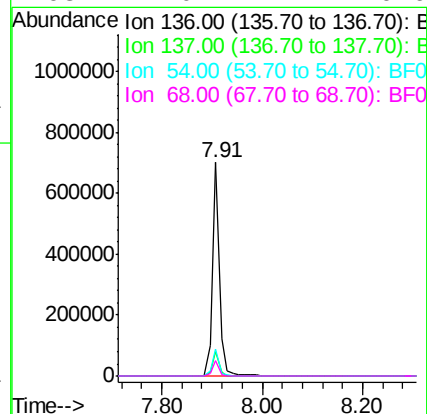
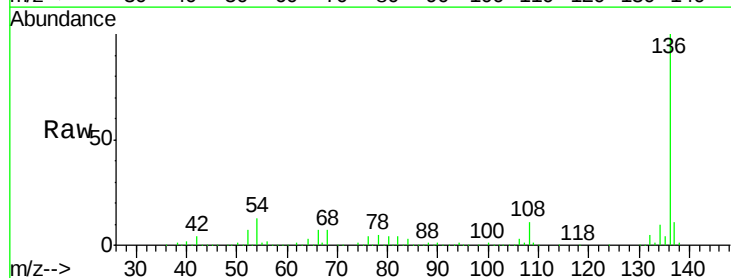
Ion Ratio Lower Upper

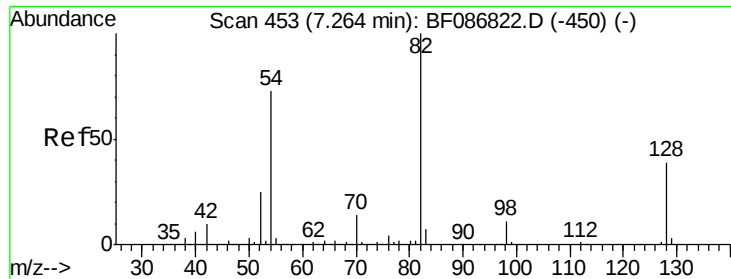
136 100

137 11.3 8.8 13.2

54 12.8 5.0 7.4#

68 7.0 4.4 6.6#

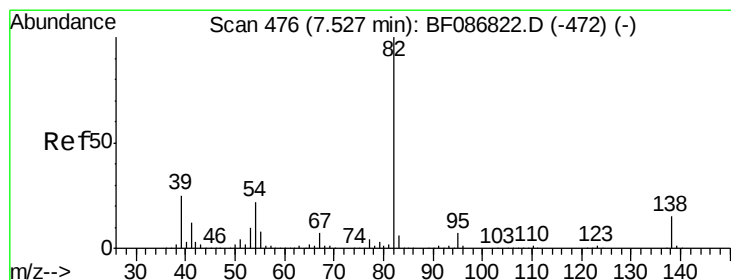
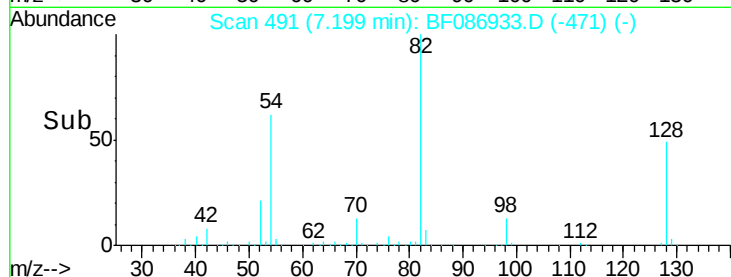
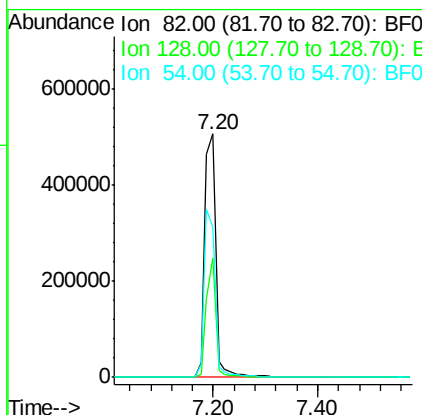
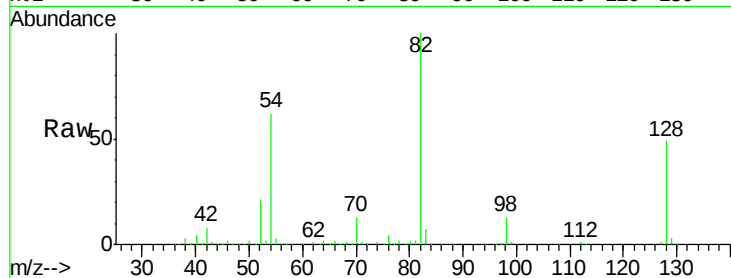




#23
 Nitrobenzene-d5
 Concen: 56.36 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.07 min
 Lab File: BF086933.D
 Acq: 12 May 2016 16:29

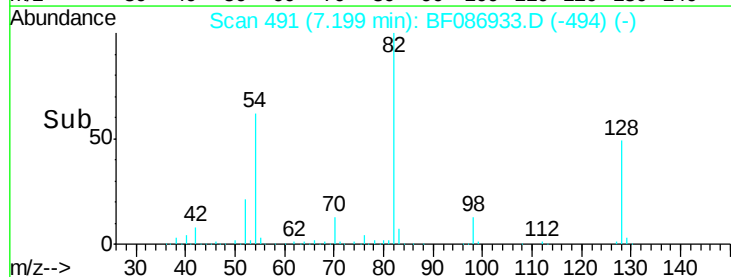
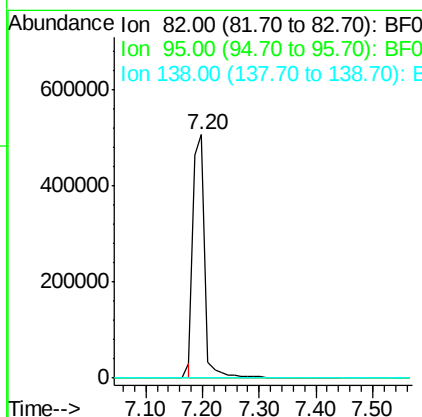
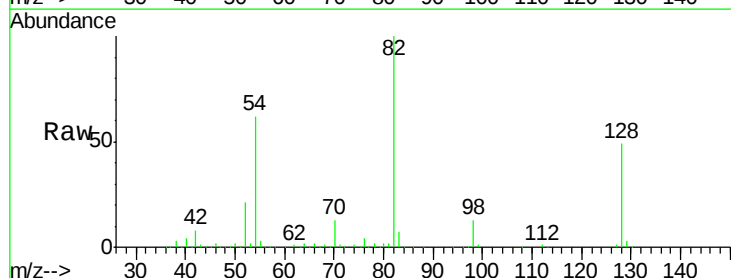
Instrument :
 BNA_F
 ClientSampleId :
 TP39-5-6FT

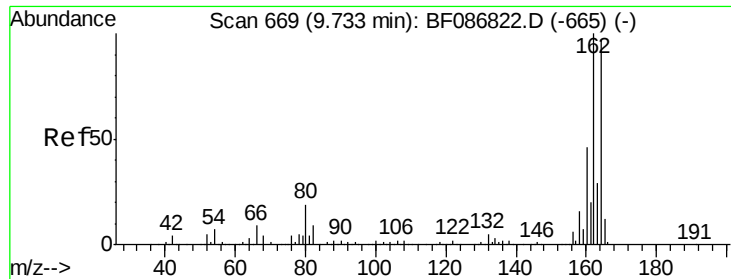
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.6	61.0
54	61.6	38.1	57.1



#25
 Isophorone
 Concen: 29.13 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.33 min
 Lab File: BF086933.D
 Acq: 12 May 2016 16:29

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7
138	0.0	12.4	18.6

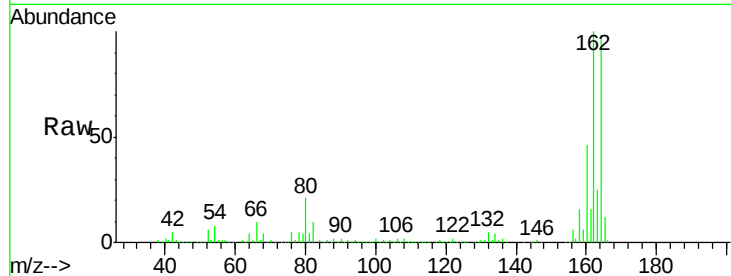




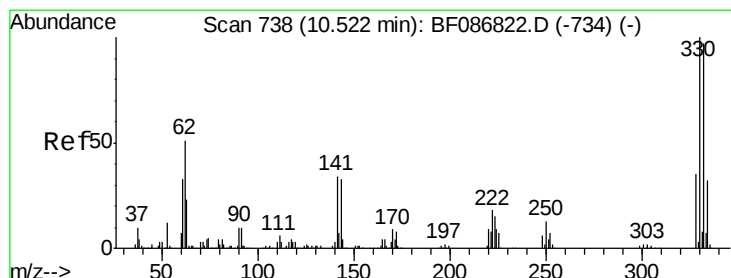
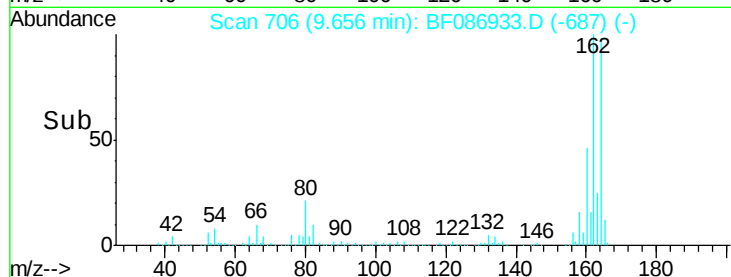
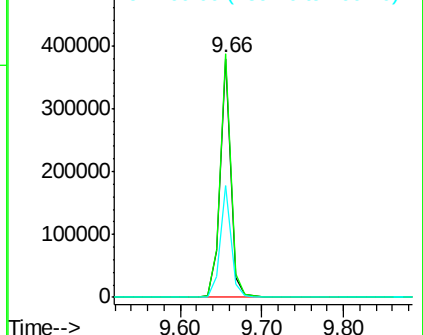
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.08 min
Lab File: BF086933.D
Acq: 12 May 2016 16:29

Instrument :
BNA_F
ClientSampleId :
TP39-5-6FT

Tgt Ion:164 Resp: 339880
Ion Ratio Lower Upper
164 100
162 101.9 82.8 124.2
160 46.5 36.9 55.3

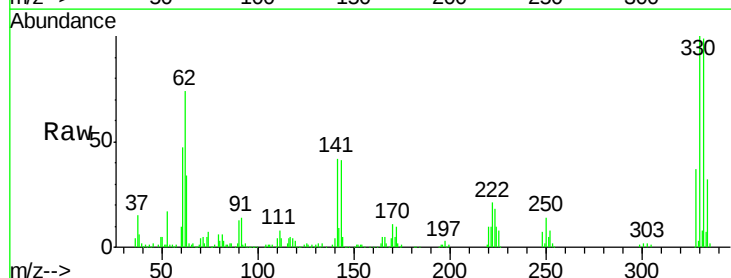


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

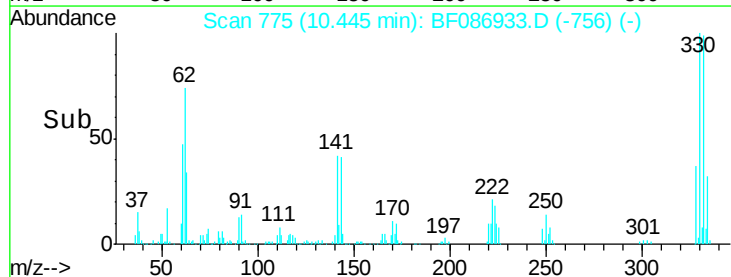
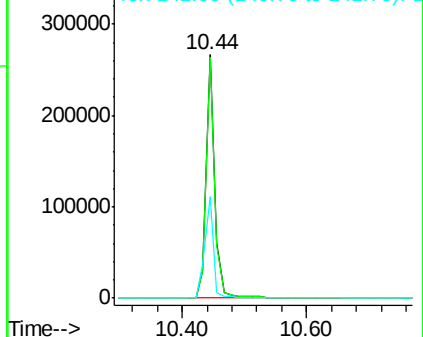


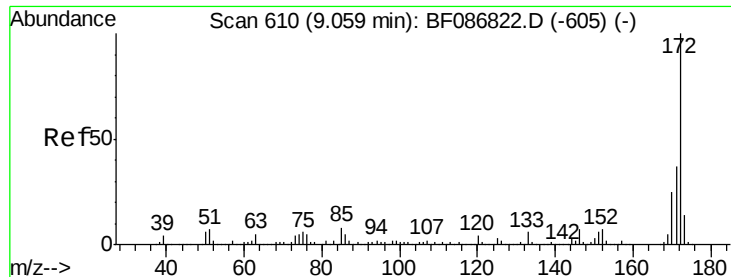
#41
2,4,6-Tribromophenol
Concen: 72.54 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF086933.D
Acq: 12 May 2016 16:29

Tgt Ion:330 Resp: 261011
Ion Ratio Lower Upper
330 100
332 98.9 79.0 118.4
141 42.9 31.2 46.8



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

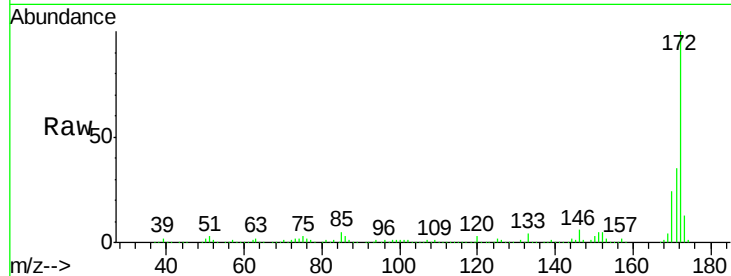




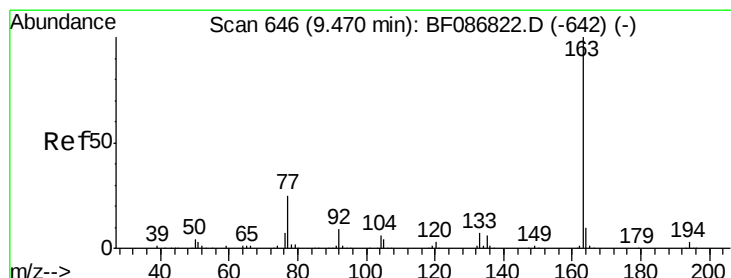
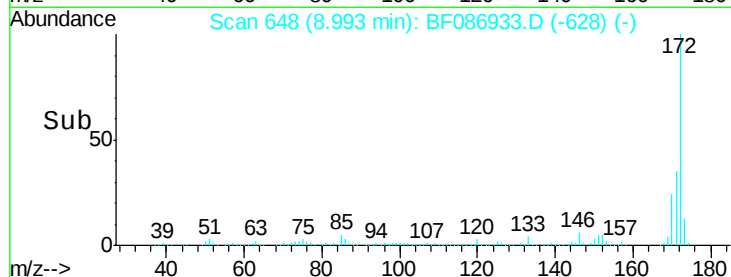
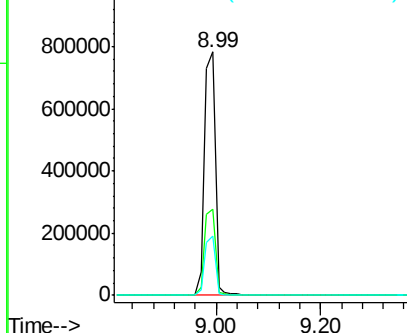
#44
 2-Fluorobiphenyl
 Concen: 56.17 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.07 min
 Lab File: BF086933.D
 Acq: 12 May 2016 16:29

Instrument :
 BNA_F
 ClientSampleId :
 TP39-5-6FT

Tgt Ion:172 Resp: 1135883
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.0 43.6
 170 24.3 19.8 29.8

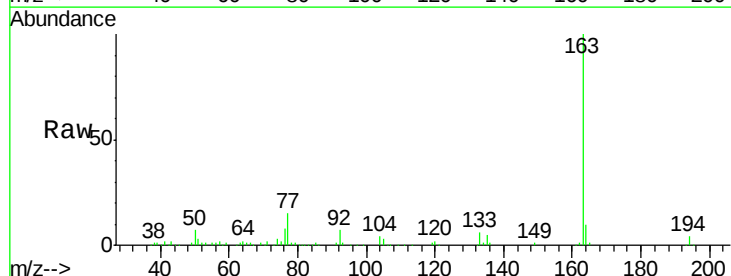


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

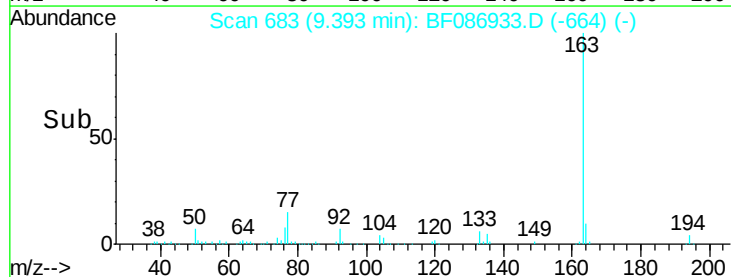
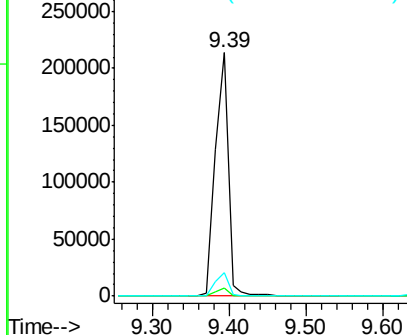


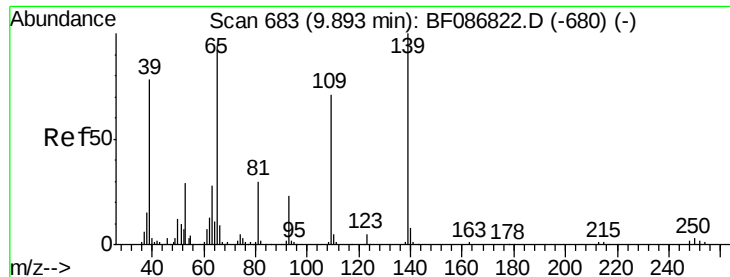
#49
 Dimethylphthalate
 Concen: 9.69 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.08 min
 Lab File: BF086933.D
 Acq: 12 May 2016 16:29

Tgt Ion:163 Resp: 251310
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#55

4-Nitrophenol

Concen: 4.63 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF086933.D

Acq: 12 May 2016 16:29

Instrument :

BNA_F

ClientSampleId :

TP39-5-6FT

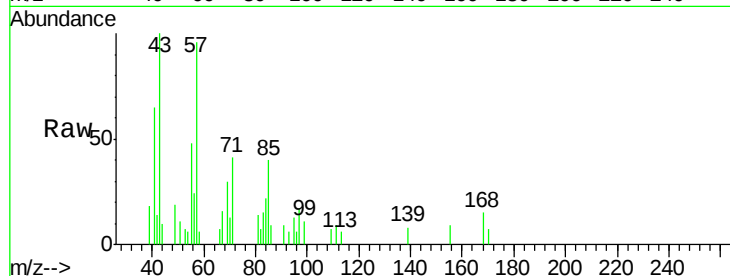
Tgt Ion:139 Resp: 289

Ion Ratio Lower Upper

139 100

109 82.5 36.9 76.9#

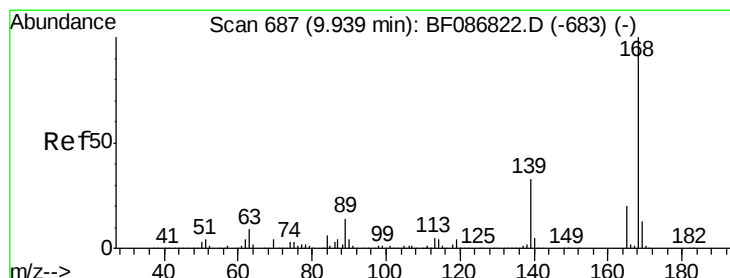
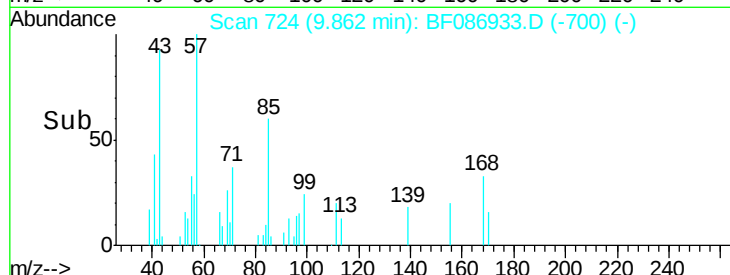
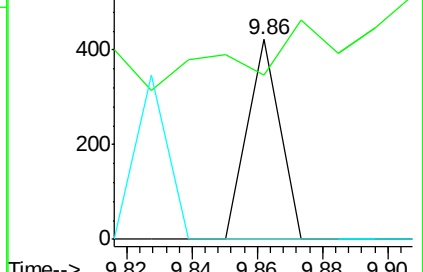
65 0.0 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.40 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.28 min

Lab File: BF086933.D

Acq: 12 May 2016 16:29

Tgt Ion:165 Resp: 43242

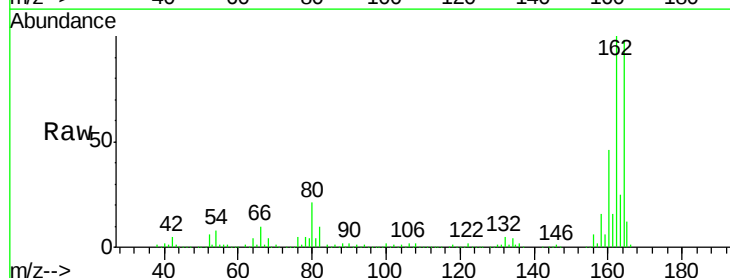
Ion Ratio Lower Upper

165 100

63 2.2 44.3 66.5#

89 2.1 70.0 105.0#

182 0.0 1.8 2.6#

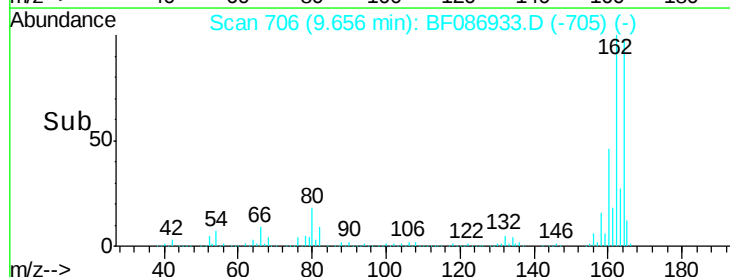
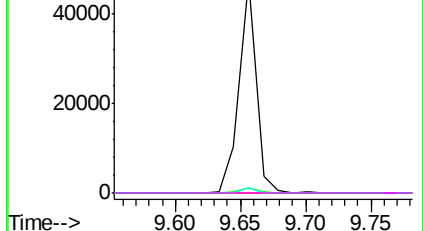


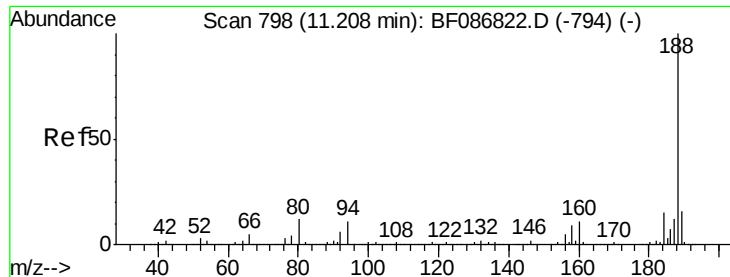
Abundance Ion 165.00 (164.70 to 165.70): E

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

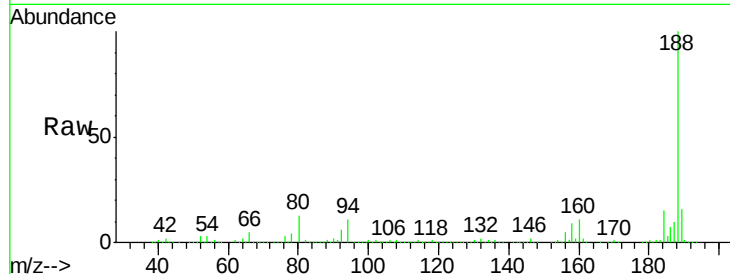




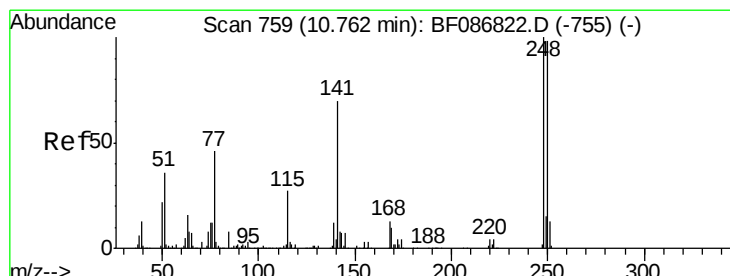
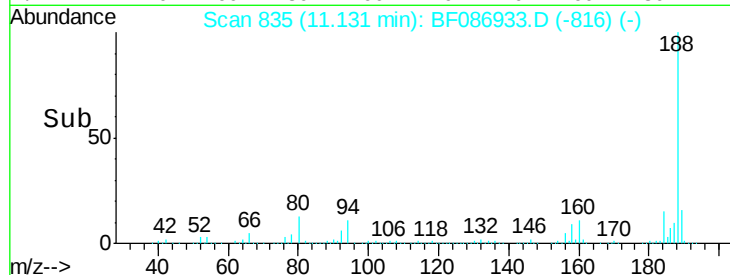
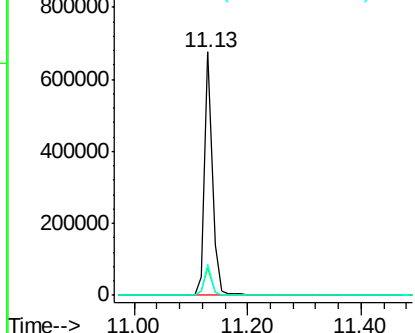
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.08 min
Lab File: BF086933.D
Acq: 12 May 2016 16:29

Instrument :
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ClientSampleId :
TP39-5-6FT

Tgt Ion:188 Resp: 620497
Ion Ratio Lower Upper
188 100
94 11.3 6.8 10.2#
80 12.7 7.1 10.7#

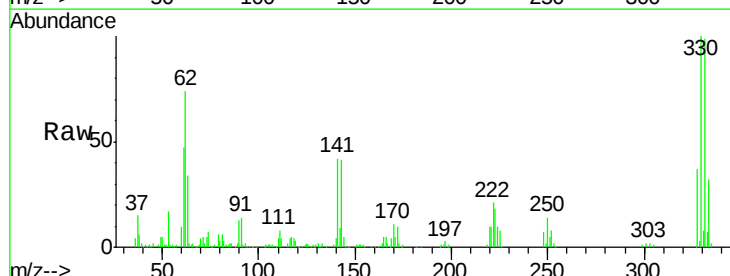


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

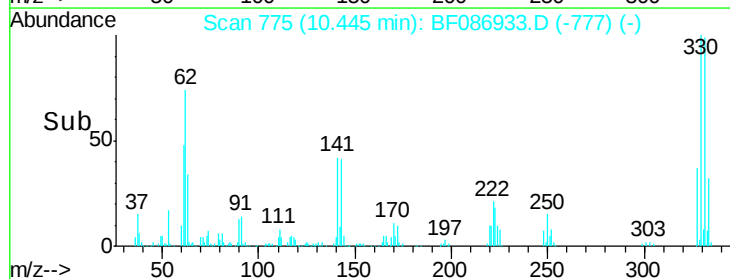
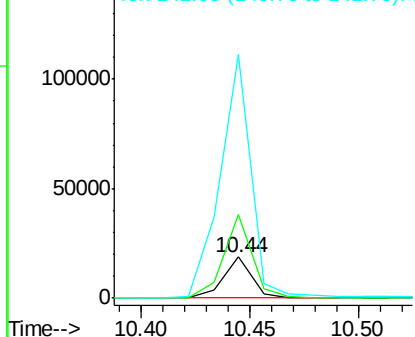


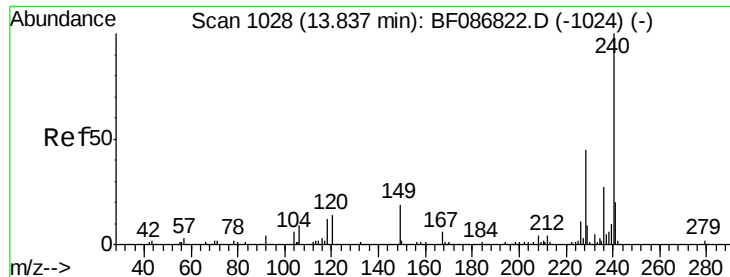
#66
4-Bromophenyl-phenylether
Concen: 2.68 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.32 min
Lab File: BF086933.D
Acq: 12 May 2016 16:29

Tgt Ion:248 Resp: 16890
Ion Ratio Lower Upper
248 100
250 206.5 78.6 117.8#
141 597.0 76.0 114.0#



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: 13.76 min Scan# 1065

Delta R.T. -0.08 min

Lab File: BF086933.D

Acq: 12 May 2016 16:29

Instrument :

BNA_F

ClientSampleId :

TP39-5-6FT

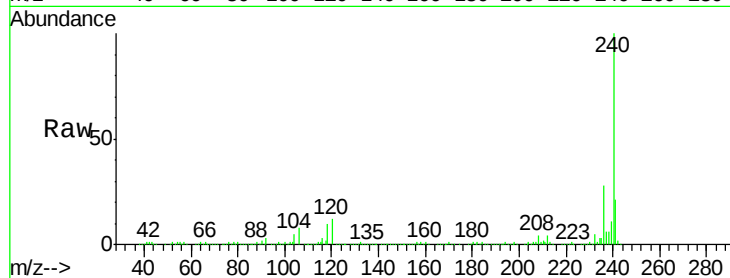
Tgt Ion:240 Resp: 472165

Ion Ratio Lower Upper

240 100

120 11.9 11.2 16.8

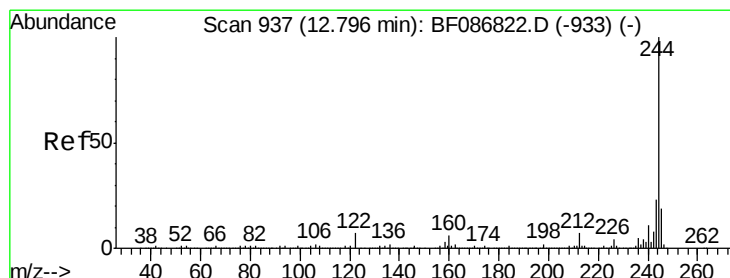
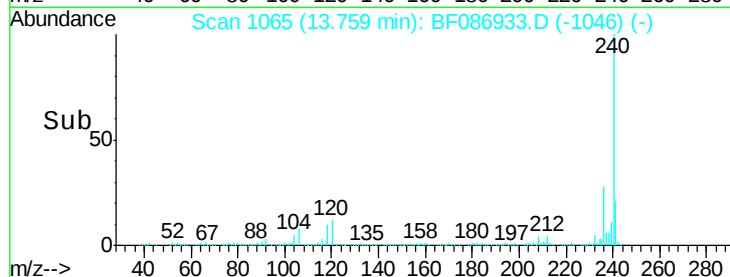
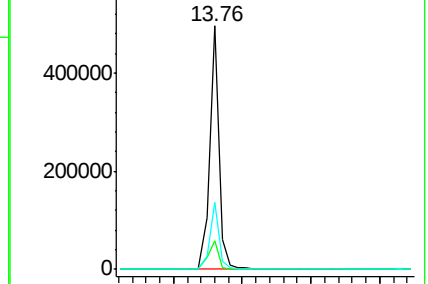
236 27.6 21.2 31.8



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: 47.20 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.08 min

Lab File: BF086933.D

Acq: 12 May 2016 16:29

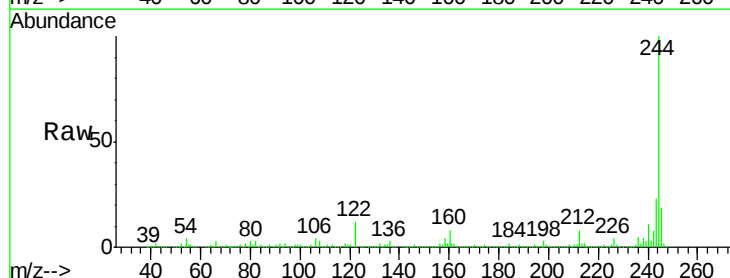
Tgt Ion:244 Resp: 1050491

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

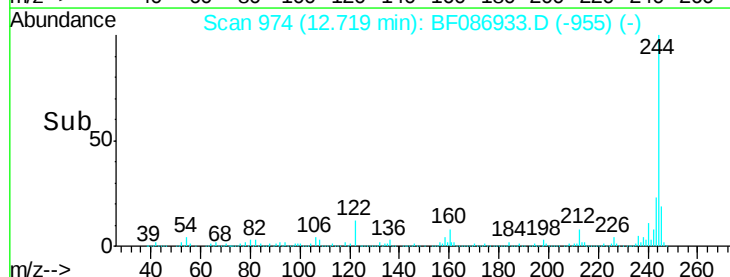
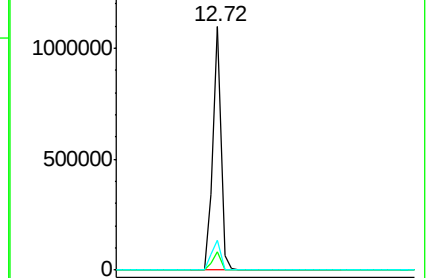
122 12.0 12.0 18.0

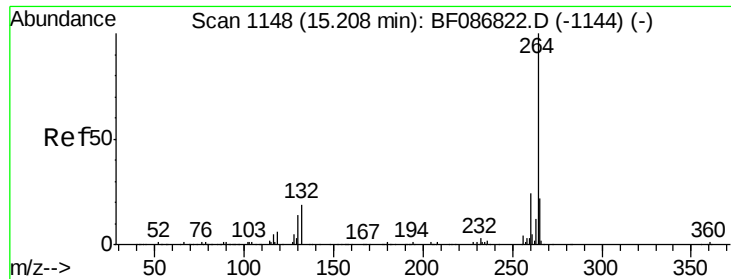


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.12 min Scan# 1184
Delta R.T. -0.09 min
Lab File: BF086933.D
Acq: 12 May 2016 16:29

Instrument :
BNA_F
ClientSampleId :
TP39-5-6FT

Tgt Ion: 264 Resp: 354838
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 20.7 17.3 25.9

