

Data Path : Z:\HPCHEM1\BNA F\Data\BF051216\
 Data File : BF086968.D
 Acq On : 13 May 2016 11:32
 Operator : UM/SJ
 Sample : H2916-01RE
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 13 14:51:10 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

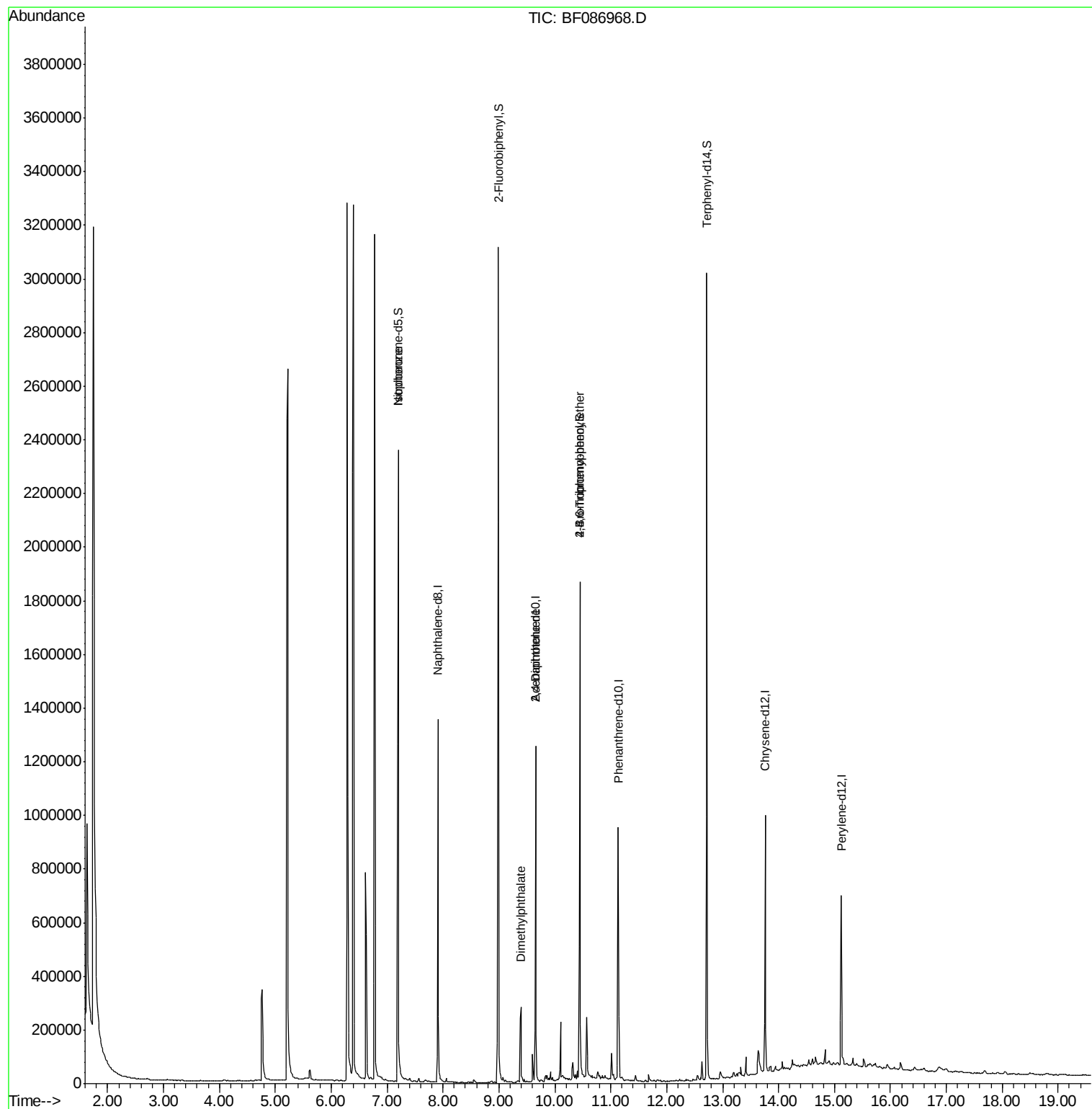
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.69
21) Naphthalene-d8	7.91	136	560364	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	228455	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	341981	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	321530	20.00	ng	-0.08
86) Perylene-d12	15.12	264	252895	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	997806	0.00	ng	-0.07
7) Phenol-d6	6.28	99	1130464	0.00	ng	-0.08
23) Nitrobenzene-d5	7.20	82	856955	76.79	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	197382	81.61	ng	-0.08
44) 2-Fluorobiphenyl	8.99	172	1248769	91.87	ng	-0.07
78) Terphenyl-d14	12.72	244	867140	57.22	ng	-0.08
Target Compounds						
25) Isophorone	7.20	82	840521	40.59	ng	# 68
49) Dimethylphthalate	9.39	163	153457	8.80	ng	# 98
56) 2,4-Dinitrotoluene	9.66	165	29314	6.46	ng	# 16
66) 4-Bromophenyl-phenylether	10.44	248	12784	3.69	ng	# 1

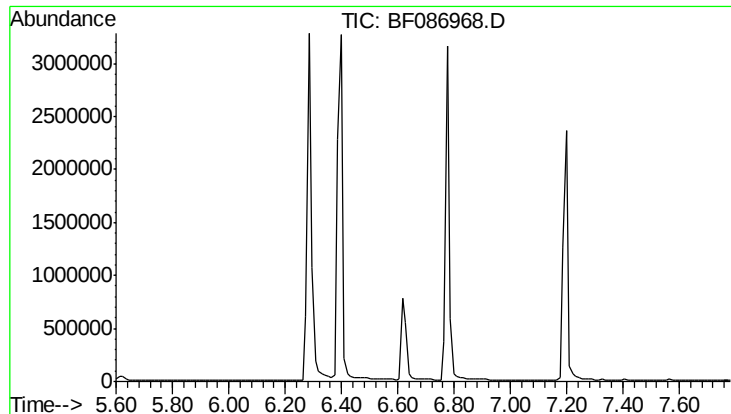
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 09 16:04:56 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.69 min

Lab File: BF086968.D

Acq: 13 May 2016 11:32

Instrument :

BNA_F

ClientSampleId :

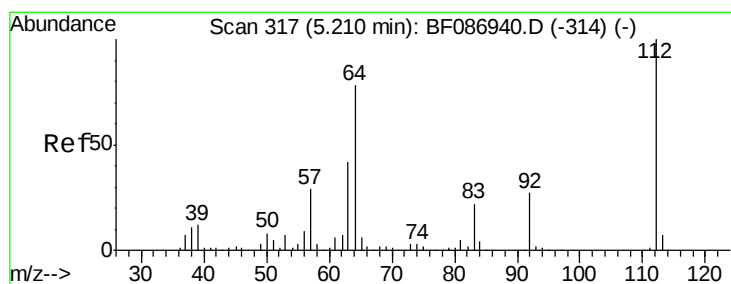
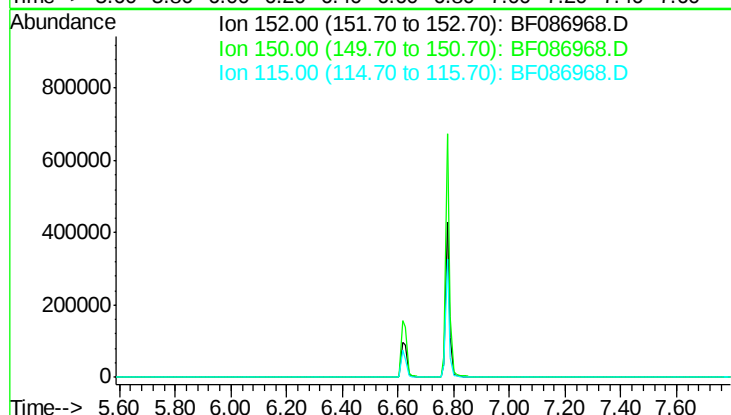
Tot Ion: 152

Sig Exp Ratio

152 100

150 157.2

115 64.4



#5

2-Fluorophenol

Concen: 0.00 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.07 min

Lab File: BF086968.D

Acq: 13 May 2016 11:32

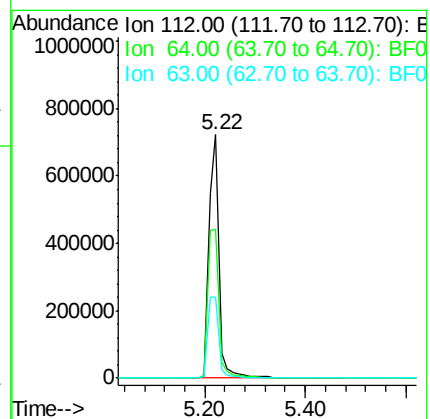
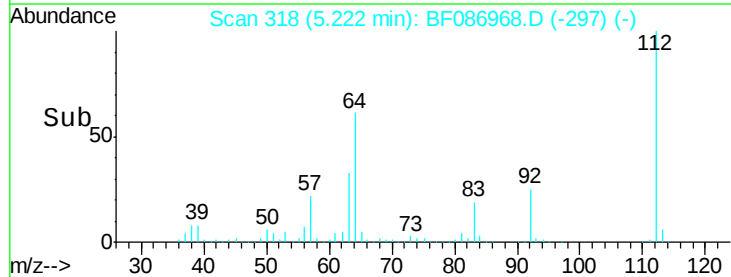
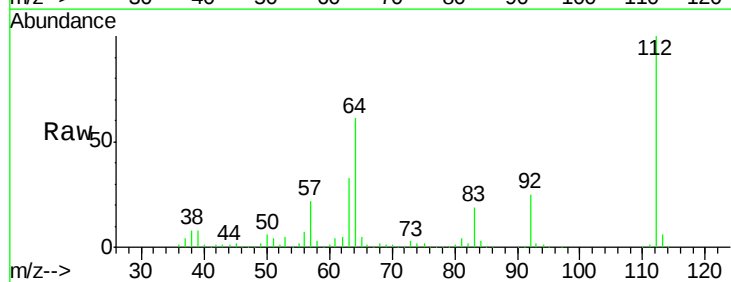
Tgt Ion:112 Resp: 997806

Ion Ratio Lower Upper

112 100

64 61.1 52.1 78.1

63 33.4 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: BF086968.D

Acq: 13 May 2016 11:32

Instrument :

BNA_F

ClientSampleId :

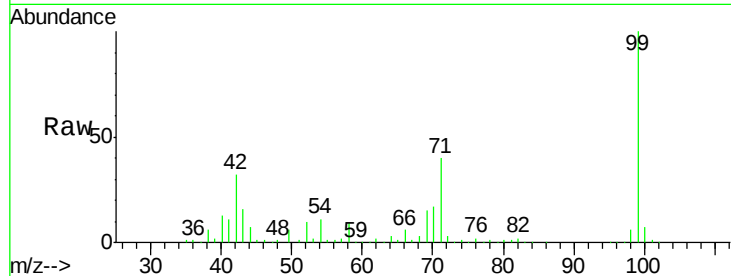
Tot Ion: 99 Resp: 1130464

Ion Ratio Lower Upper

99 100

42 31.7 13.6 20.4#

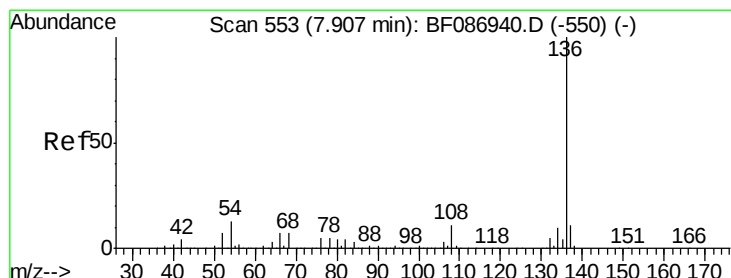
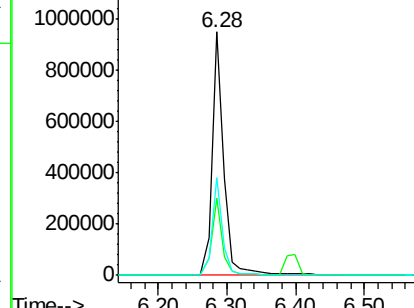
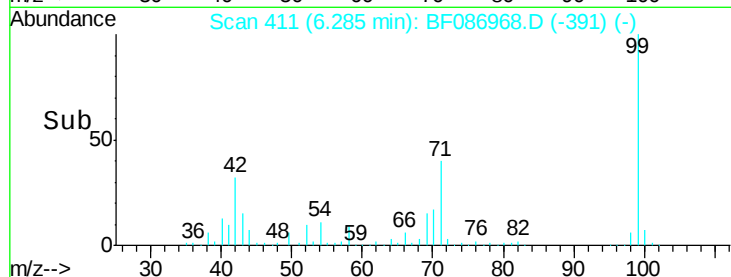
71 40.0 24.6 36.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.08 min

Lab File: BF086968.D

Acq: 13 May 2016 11:32

Tgt Ion: 136 Resp: 560364

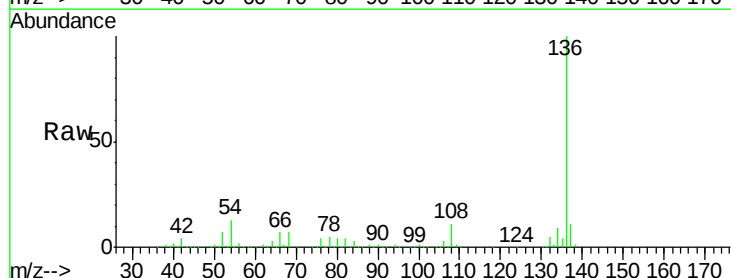
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 13.0 5.0 7.4#

68 7.1 4.4 6.6#

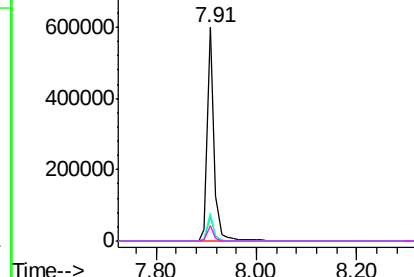
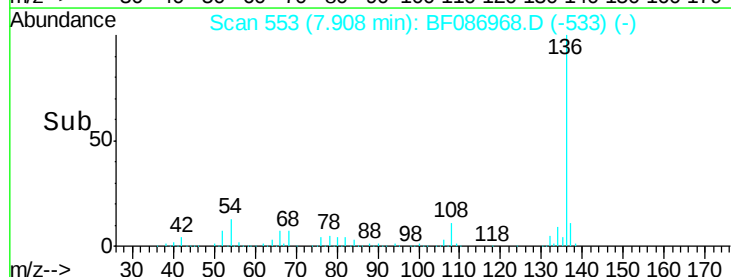


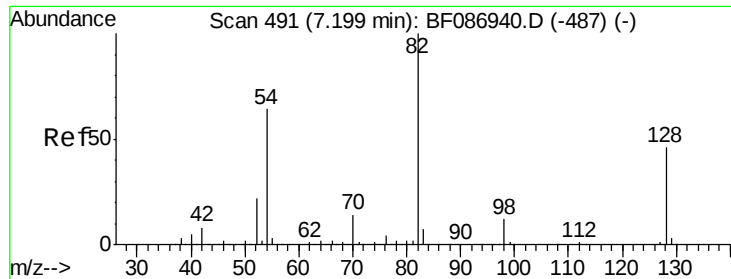
Abundance Ion 136.00 (135.70 to 136.70): E

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

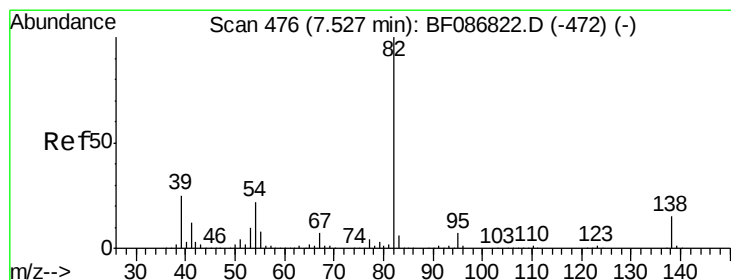
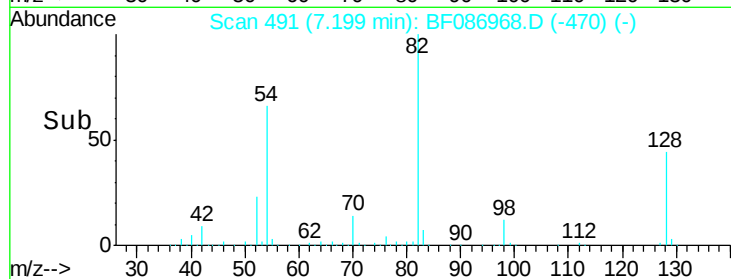
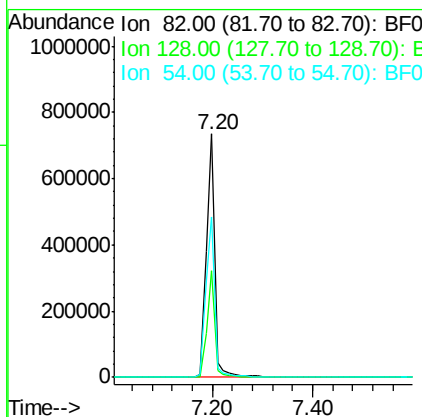
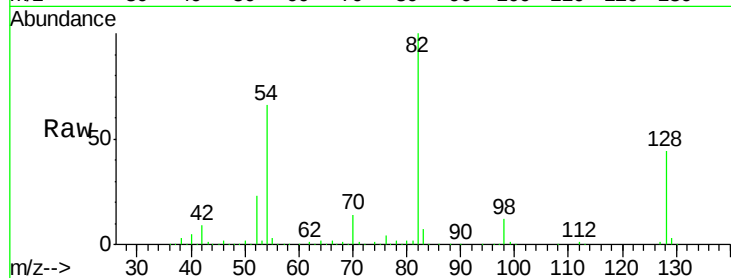




#23
Nitrobenzene-d5
Concen: 76.79 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.07 min
Lab File: BF086968.D
Acq: 13 May 2016 11:32

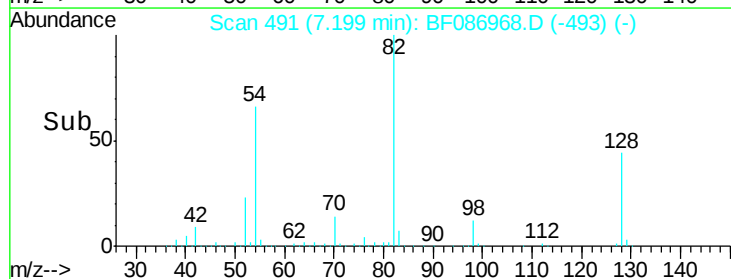
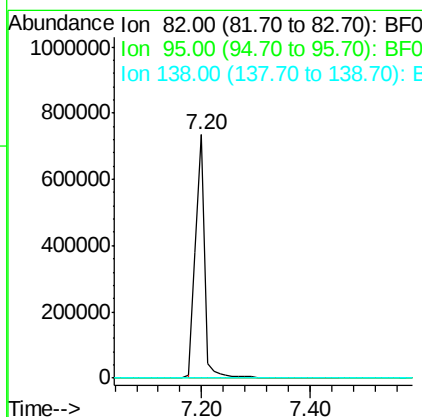
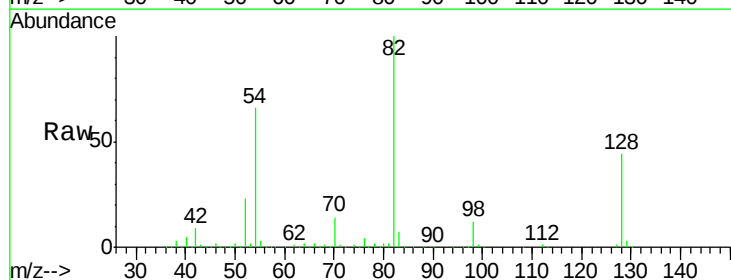
Instrument :
BNA_F
ClientSampleId :

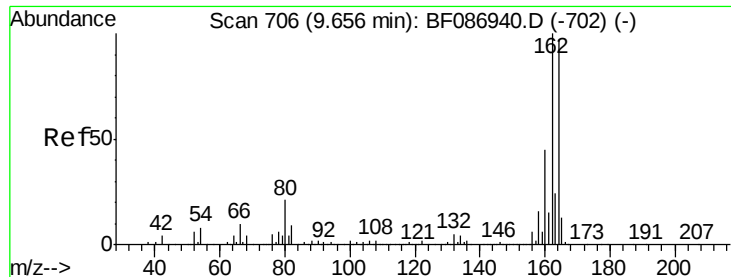
Tot Ion	82	Resp	856955
Ion Ratio	100	Lower	Upper
128	43.6	40.6	61.0
54	66.1	38.1	57.1#



#25
Isophorone
Concen: 40.59 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.33 min
Lab File: BF086968.D
Acq: 13 May 2016 11:32

Tgt Ion	82	Resp	840521
Ion Ratio	100	Lower	Upper
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: BF086968.D

Acq: 13 May 2016 11:32

Instrument :

BNA_F

ClientSampleId :

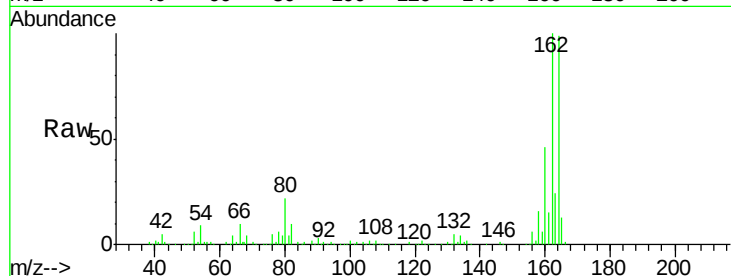
Tot Ion:164 Resp: 228455

Ion Ratio Lower Upper

164 100

162 101.2 82.8 124.2

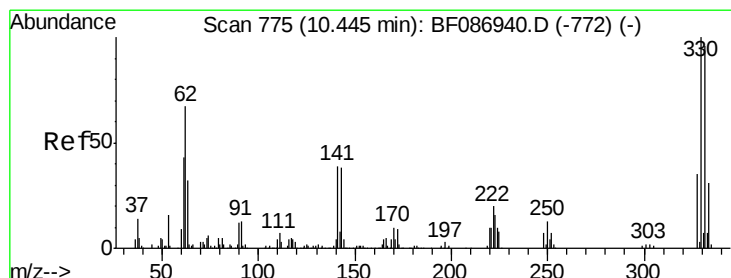
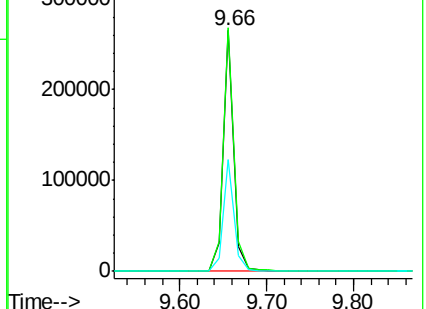
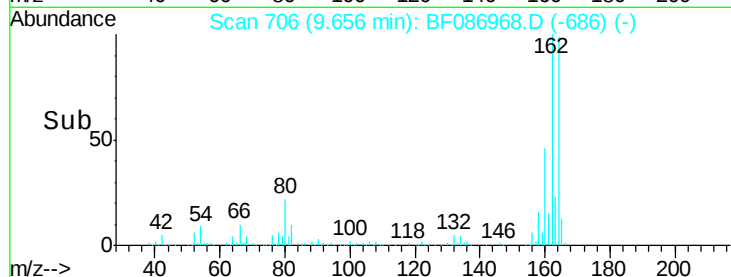
160 46.4 36.9 55.3



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: 81.61 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.08 min

Lab File: BF086968.D

Acq: 13 May 2016 11:32

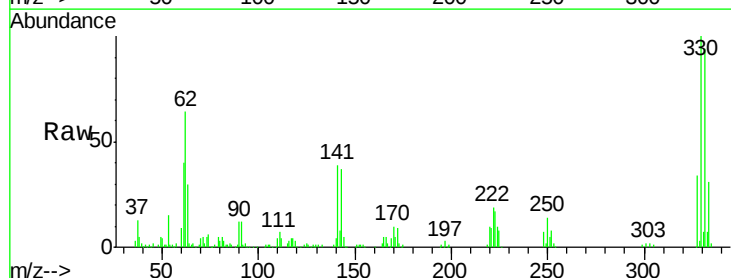
Tgt Ion:330 Resp: 197382

Ion Ratio Lower Upper

330 100

332 94.8 79.0 118.4

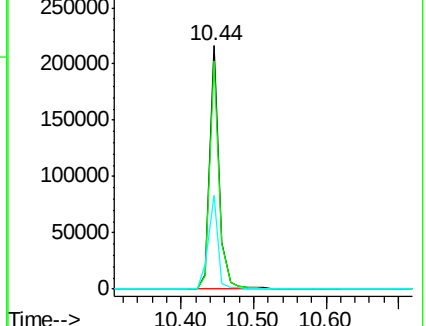
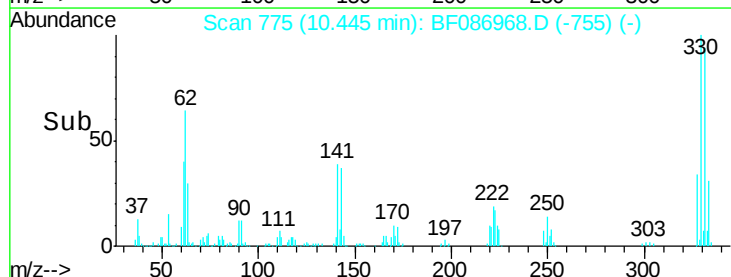
141 40.5 31.2 46.8

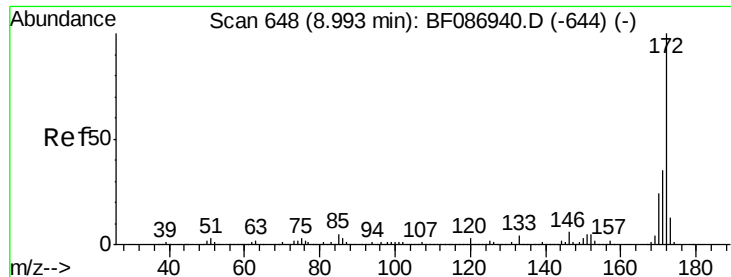


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



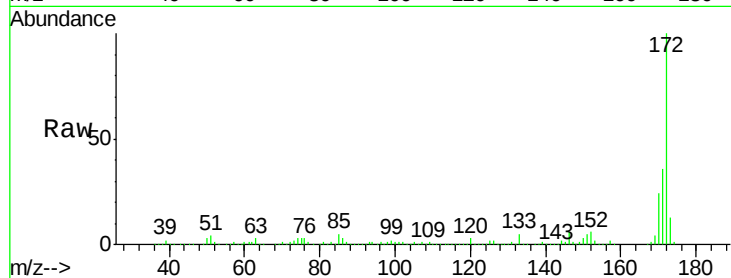


#44
 2-Fluorobiphenyl
 Concen: 91.87 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.07 min
 Lab File: BF086968.D
 Acq: 13 May 2016 11:32

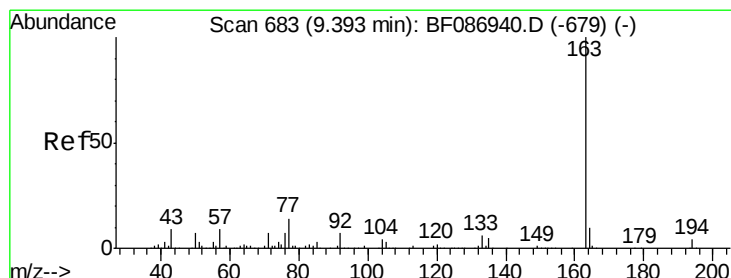
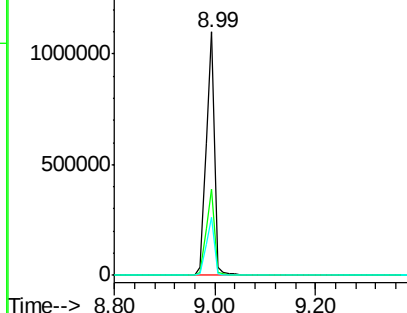
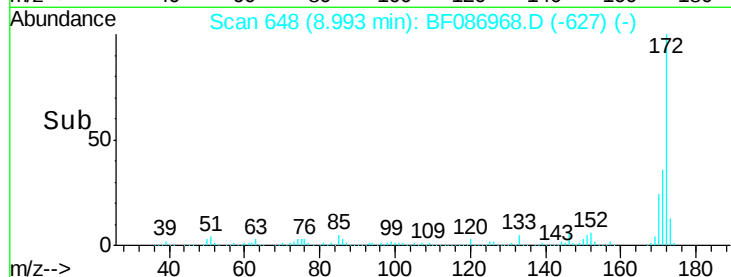
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1248769

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	23.6	19.8	29.8



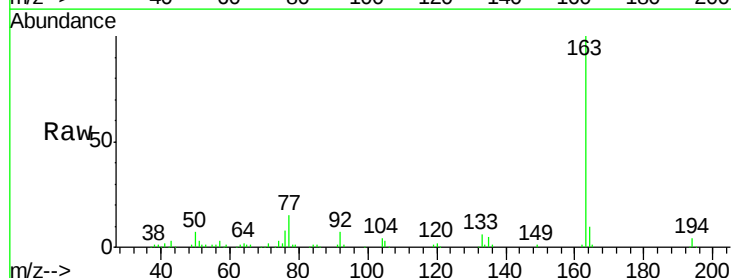
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



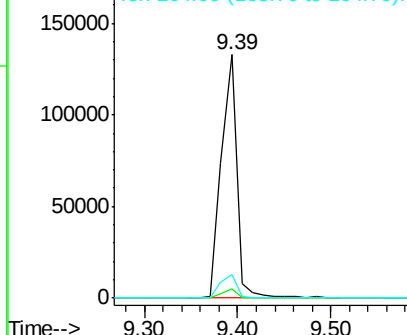
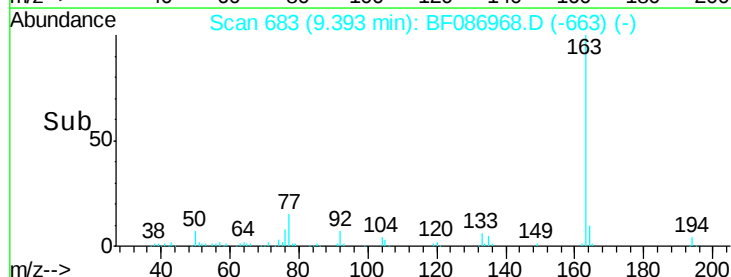
#49
 Dimethylphthalate
 Concen: 8.80 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.08 min
 Lab File: BF086968.D
 Acq: 13 May 2016 11:32

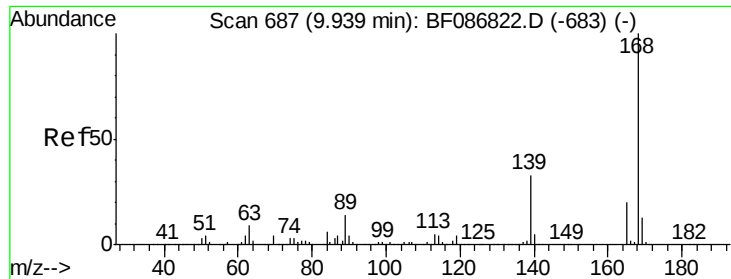
Tgt Ion:163 Resp: 153457

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	9.7	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

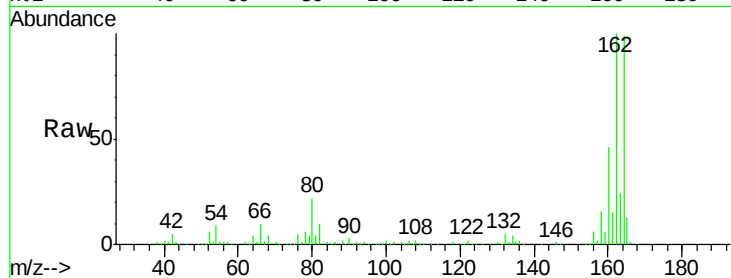




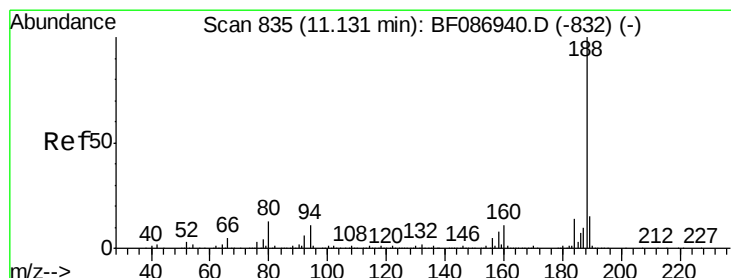
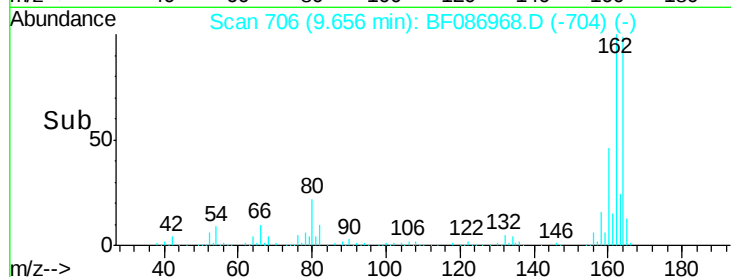
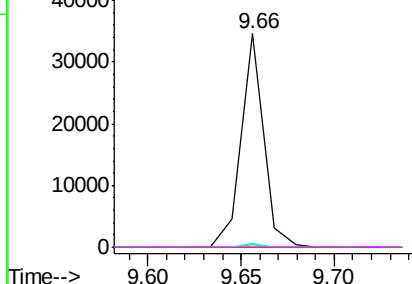
#56
 2,4-Dinitrotoluene
 Concen: 6.46 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.28 min
 Lab File: BF086968.D
 Acq: 13 May 2016 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 29314
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.3 66.5#
 89 1.9 70.0 105.0#
 182 0.0 1.8 2.6#

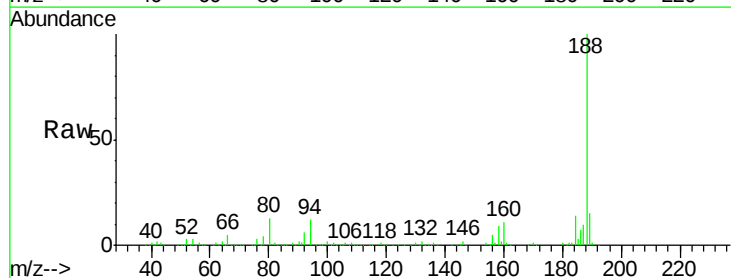


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

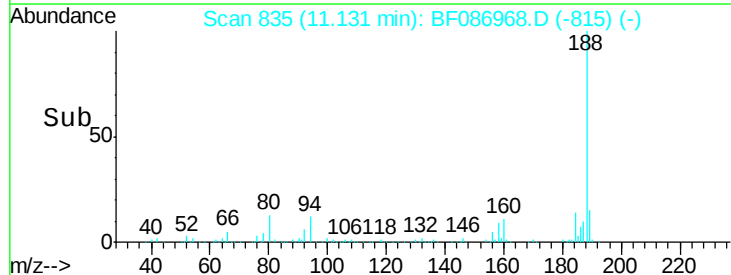
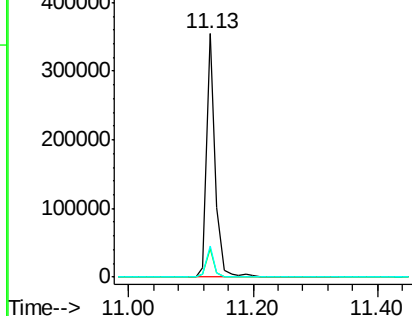


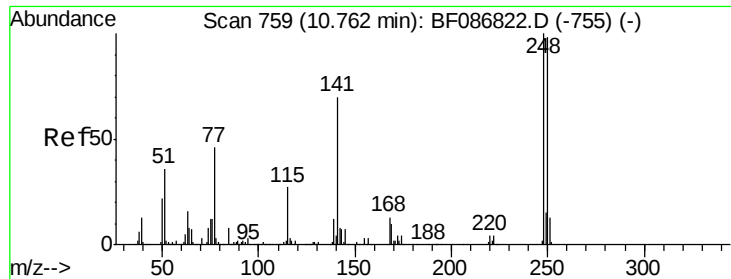
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.08 min
 Lab File: BF086968.D
 Acq: 13 May 2016 11:32

Tgt Ion:188 Resp: 341981
 Ion Ratio Lower Upper
 188 100
 94 11.7 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

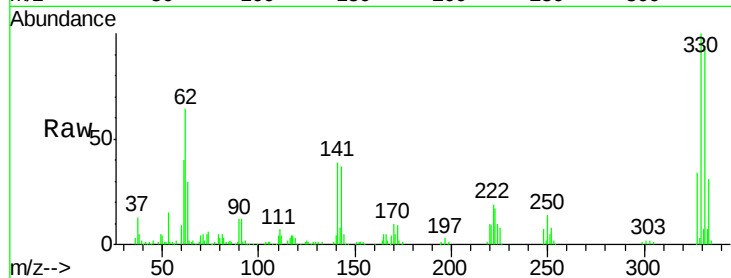




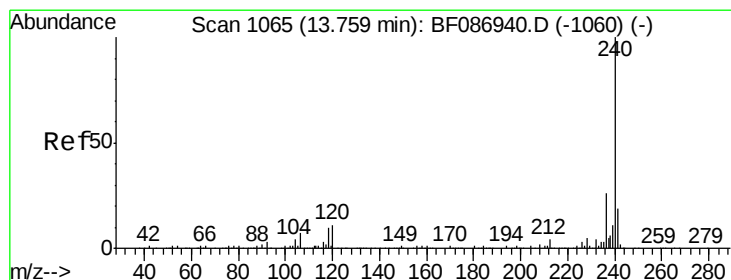
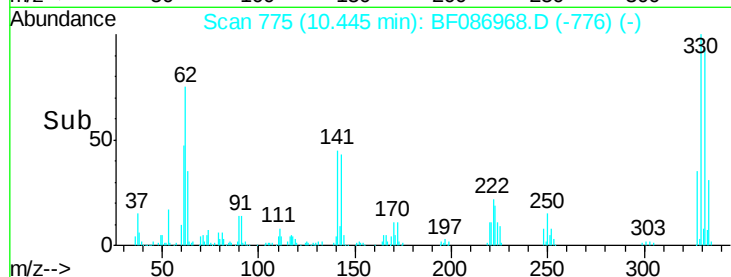
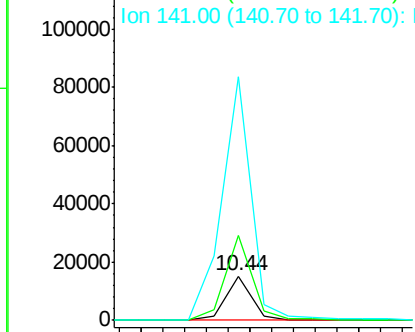
#66
 4-Bromophenyl-phenylether
 Concen: 3.69 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.32 min
 Lab File: BF086968.D
 Acq: 13 May 2016 11:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12784
 Ion Ratio Lower Upper
 248 100
 250 194.1 78.6 117.8#
 141 554.5 76.0 114.0#

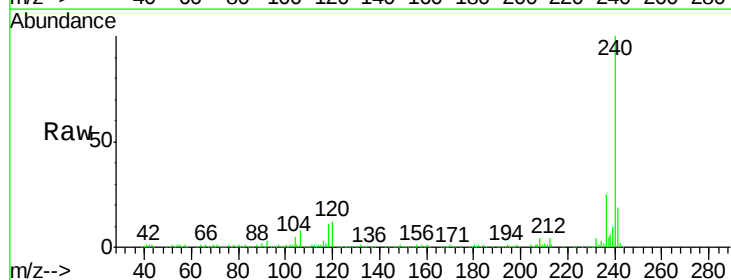


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

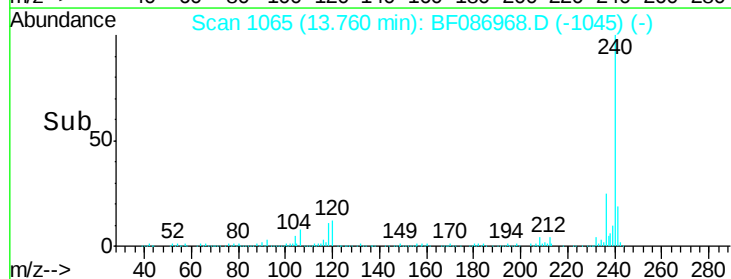
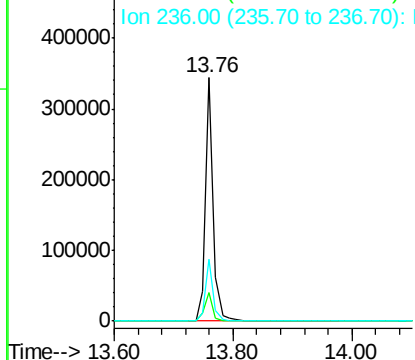


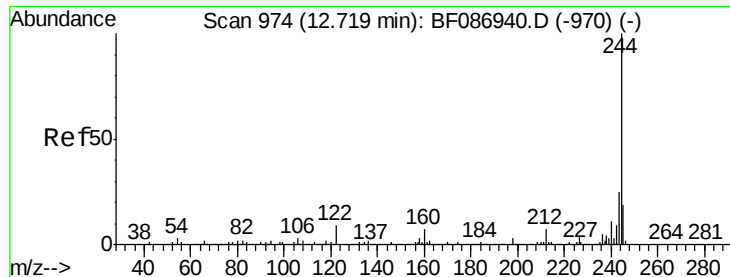
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.08 min
 Lab File: BF086968.D
 Acq: 13 May 2016 11:32

Tgt Ion:240 Resp: 321530
 Ion Ratio Lower Upper
 240 100
 120 11.8 11.2 16.8
 236 25.4 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: 57.22 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.08 min

Lab File: BF086968.D

Acq: 13 May 2016 11:32

Instrument :

BNA_F

ClientSampleId :

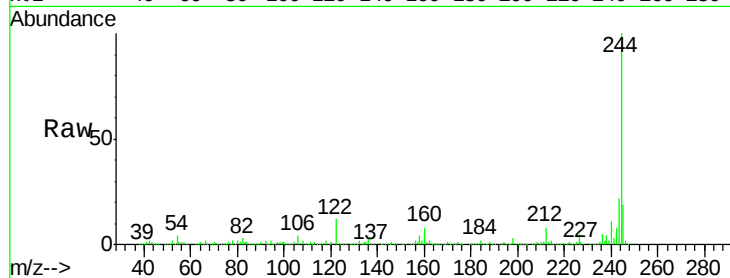
Tot Ion:244 Resp: 867140

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

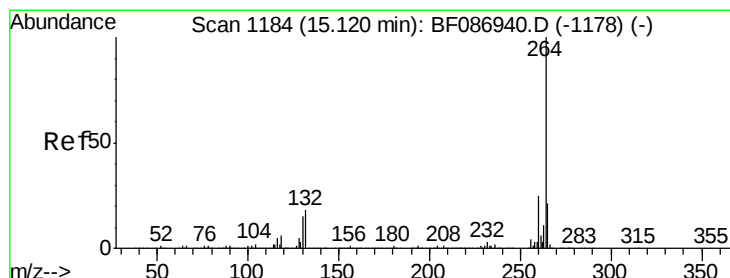
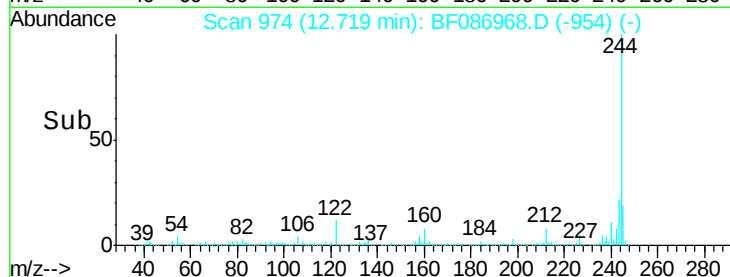
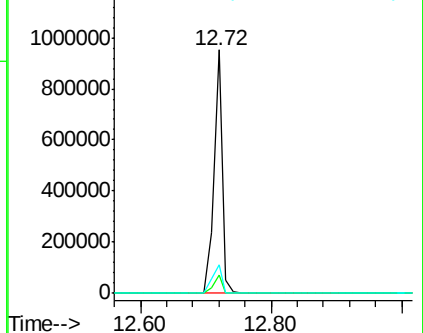
122 11.6 12.0 18.0#



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: BF086968.D

Acq: 13 May 2016 11:32

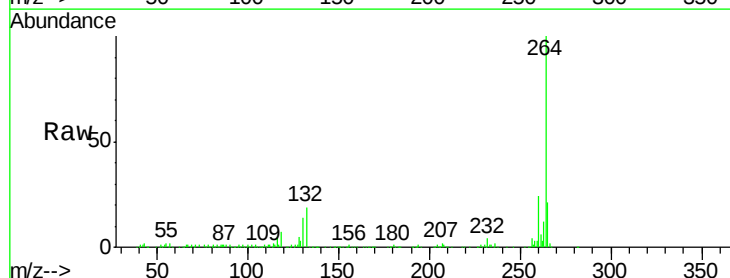
Tgt Ion:264 Resp: 252895

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.2 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

