

Data Path : Z:\HPCHEM1\BNA F\Data\BF051216\
 Data File : BF086965.D
 Acq On : 13 May 2016 10:06
 Operator : UM/SJ
 Sample : H2916-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 13 14:40:24 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

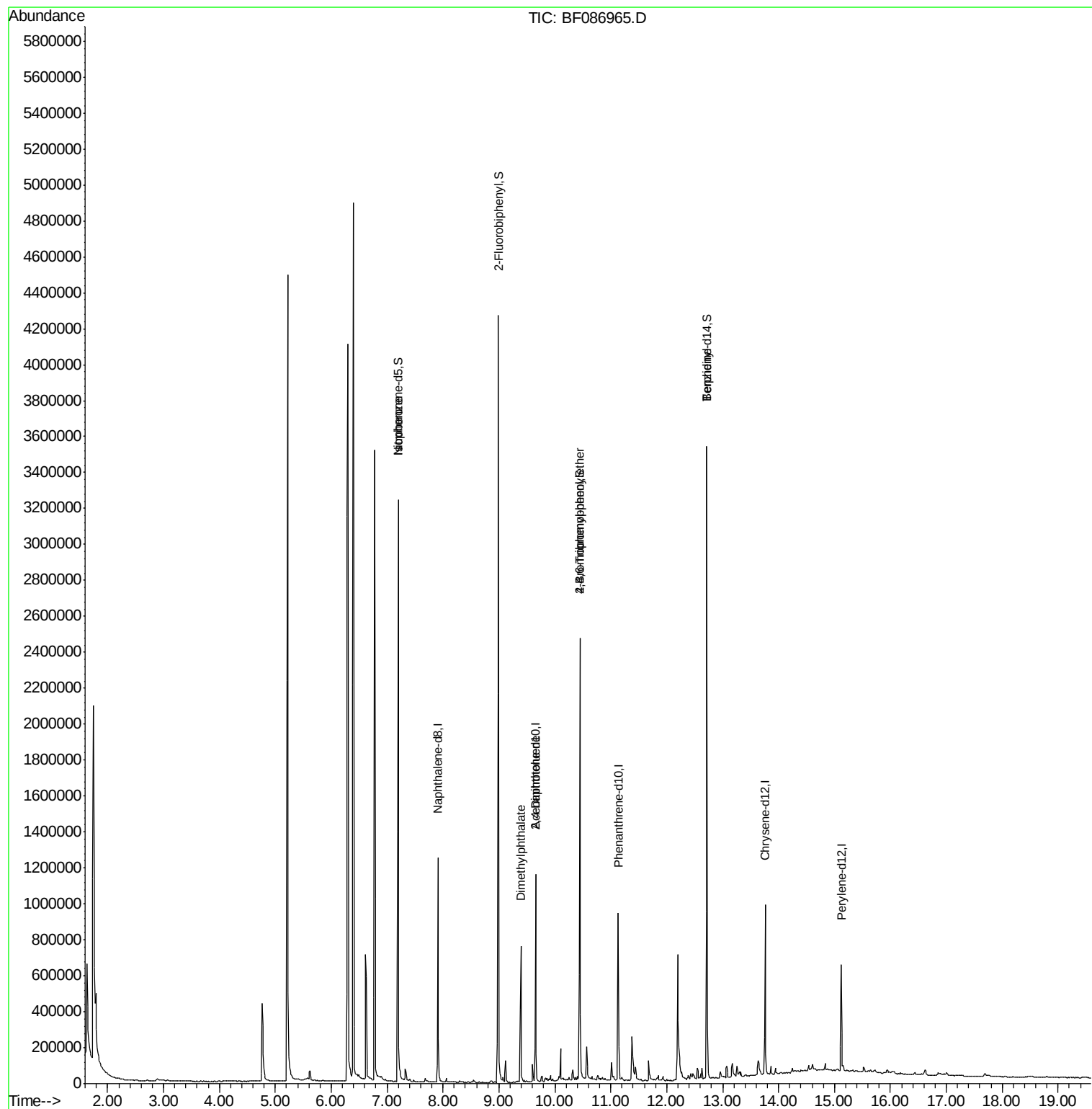
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.69
21) Naphthalene-d8	7.91	136	515454	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	209791	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	328005	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	303661	20.00	ng	-0.08
86) Perylene-d12	15.12	264	245770	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1248213	0.00	ng	-0.07
7) Phenol-d6	6.30	99	1730963	0.00	ng	-0.07
23) Nitrobenzene-d5	7.20	82	1086083	105.80	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	255977	115.25	ng	-0.08
44) 2-Fluorobiphenyl	8.99	172	1489482	119.32	ng	-0.07
78) Terphenyl-d14	12.72	244	988822	69.09	ng	-0.08
Target Compounds						
25) Isophorone	7.20	82	1062428	55.78	ng	# 68
49) Dimethylphthalate	9.39	163	364483	22.77	ng	# 98
56) 2,4-Dinitrotoluene	9.66	165	26499	6.36	ng	# 16
66) 4-Bromophenyl-phenylether	10.44	248	16768	5.04	ng	# 1
76) Benzidine	12.72	184	16639	2.15	ng	# 96

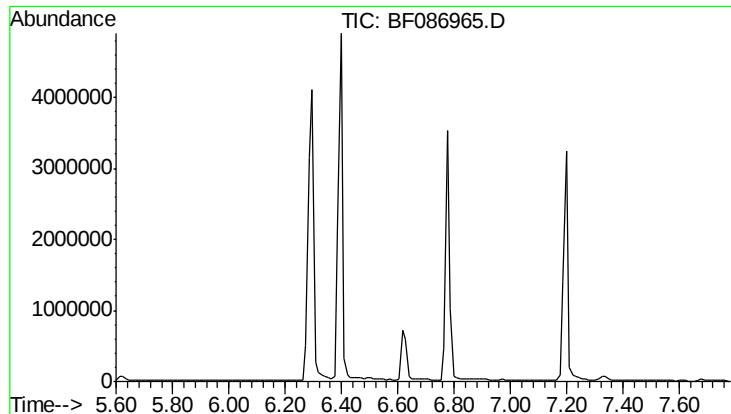
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.69 min

Lab File: BF086965.D

Acq: 13 May 2016 10:06

Instrument :

BNA_F

ClientSampleId :

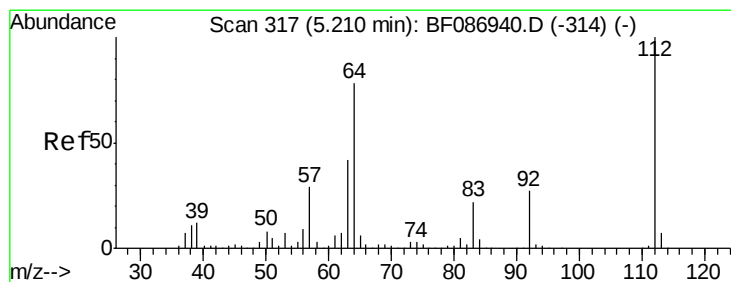
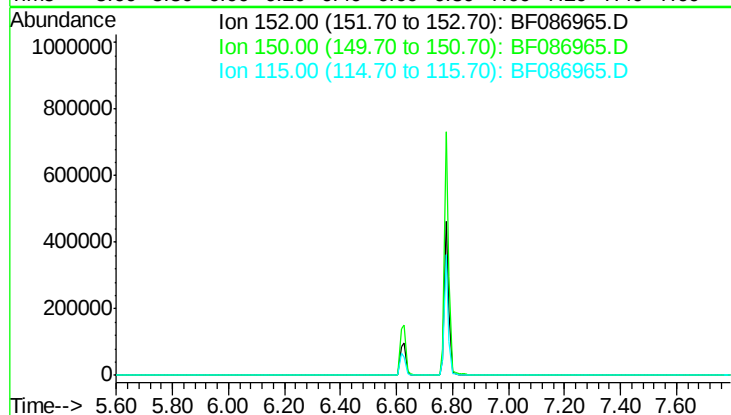
Tot Ion: 152

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: BF086965.D

Acq: 13 May 2016 10:06

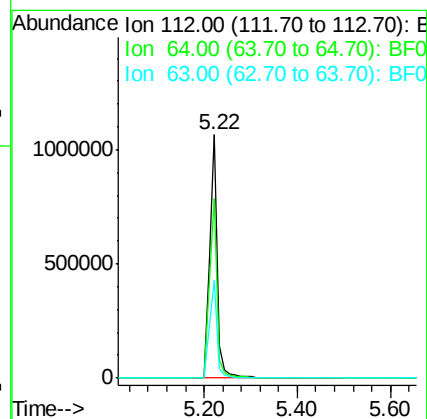
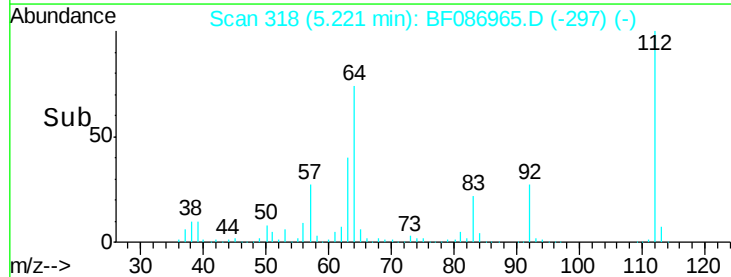
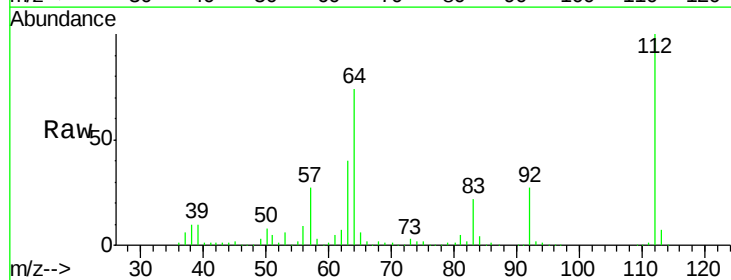
Tgt Ion:112 Resp: 1248213

Ion Ratio Lower Upper

112 100

64 73.9 52.1 78.1

63 40.3 25.7 38.5#





#7

Phenol-d6

Concen: 0.00 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.07 min

Lab File: BF086965.D

Acq: 13 May 2016 10:06

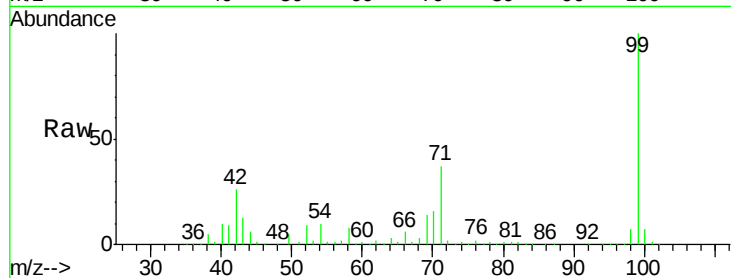
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1730963

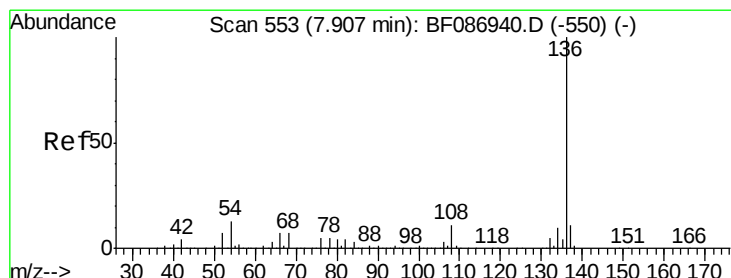
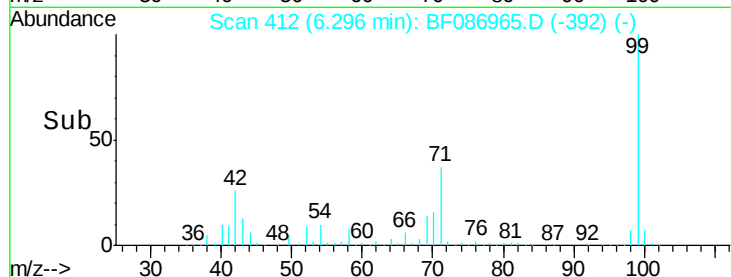
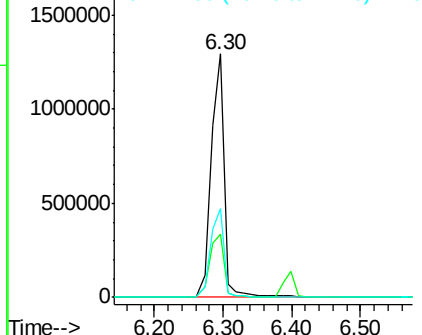
Ion	Ratio	Lower	Upper
99	100		
42	25.7	13.6	20.4#
71	36.6	24.6	36.8



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

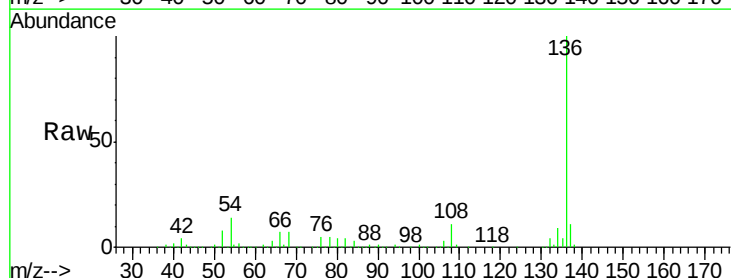
Delta R.T. -0.08 min

Lab File: BF086965.D

Acq: 13 May 2016 10:06

Tgt Ion: 136 Resp: 515454

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.9	5.0	7.4#
68	7.3	4.4	6.6#

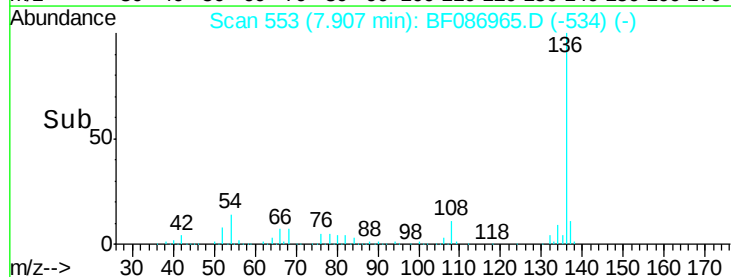
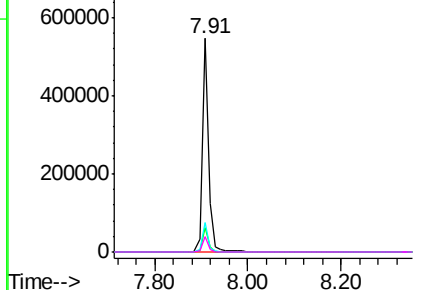


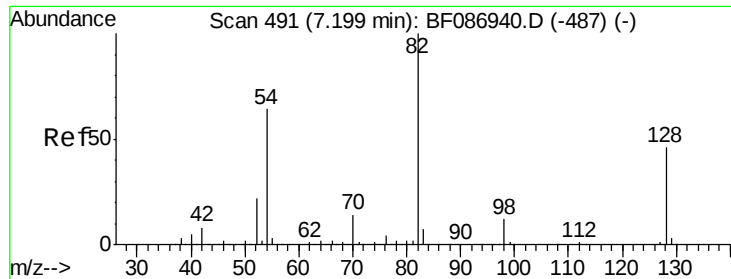
Abundance Ion 136.00 (135.70 to 136.70): E

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

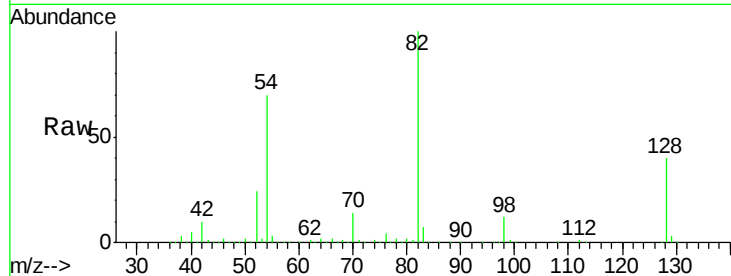




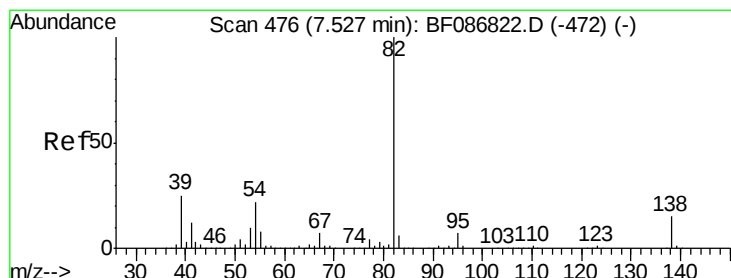
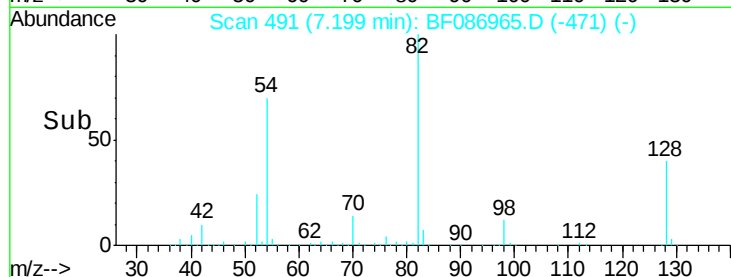
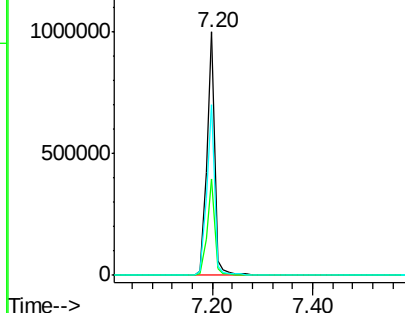
#23
 Nitrobenzene-d5
 Concen: 105.80 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.07 min
 Lab File: BF086965.D
 Acq: 13 May 2016 10:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1086083
 Ion Ratio Lower Upper
 82 100
 128 39.7 40.6 61.0#
 54 70.1 38.1 57.1#

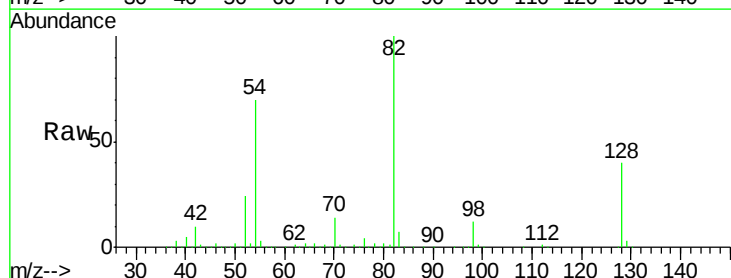


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

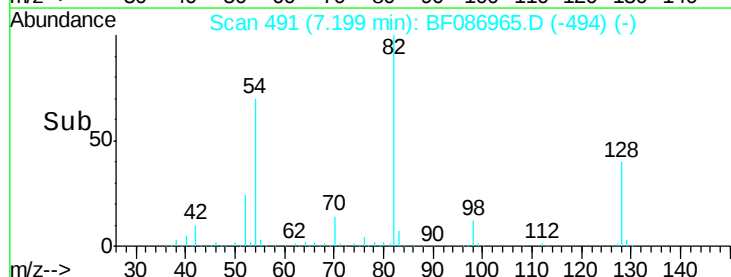
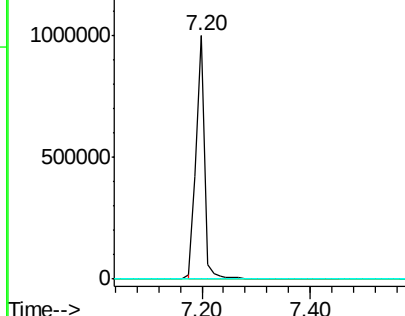


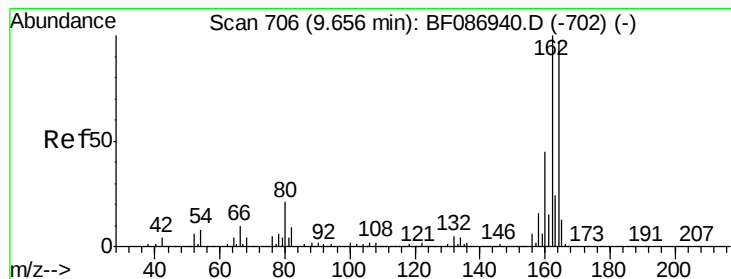
#25
 Isophorone
 Concen: 55.78 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.33 min
 Lab File: BF086965.D
 Acq: 13 May 2016 10:06

Tgt Ion: 82 Resp: 1062428
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.08 min

Lab File: BF086965.D

Acq: 13 May 2016 10:06

Instrument :

BNA_F

ClientSampleId :

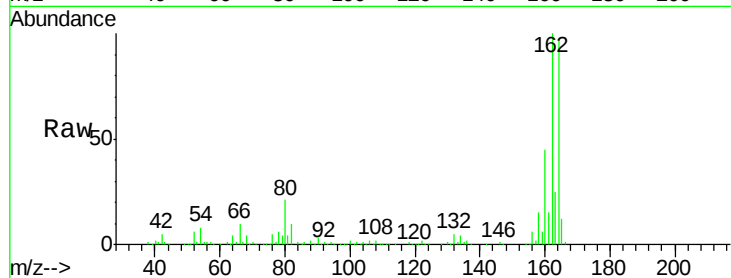
Tot Ion:164 Resp: 209791

Ion Ratio Lower Upper

164 100

162 103.4 82.8 124.2

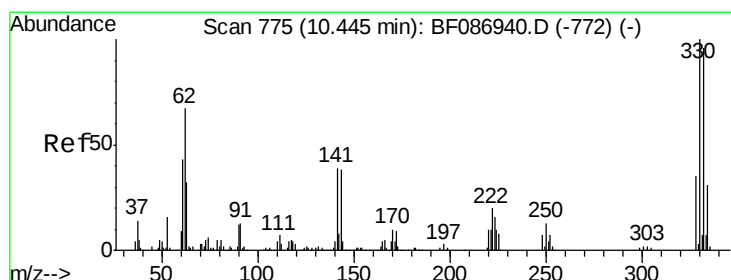
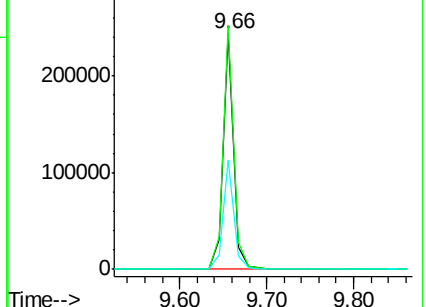
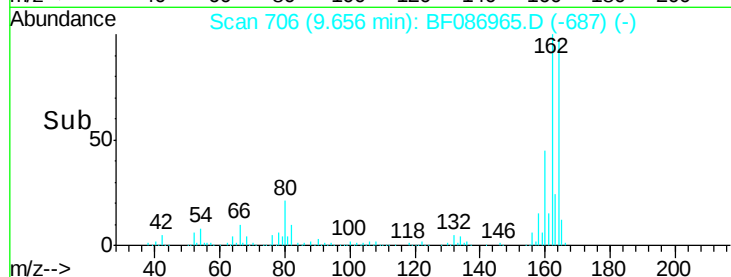
160 46.3 36.9 55.3



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: 115.25 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.08 min

Lab File: BF086965.D

Acq: 13 May 2016 10:06

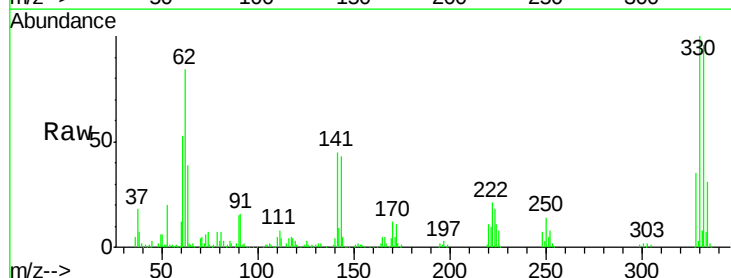
Tgt Ion:330 Resp: 255977

Ion Ratio Lower Upper

330 100

332 95.7 79.0 118.4

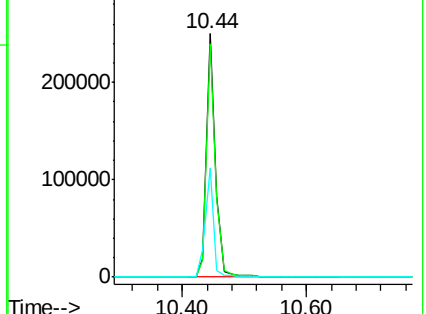
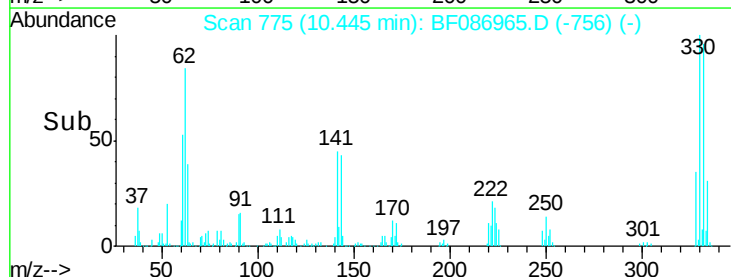
141 41.3 31.2 46.8

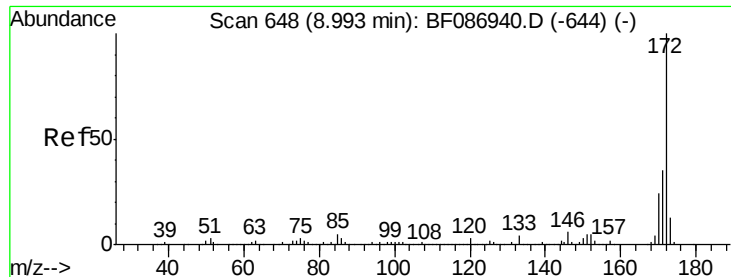


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

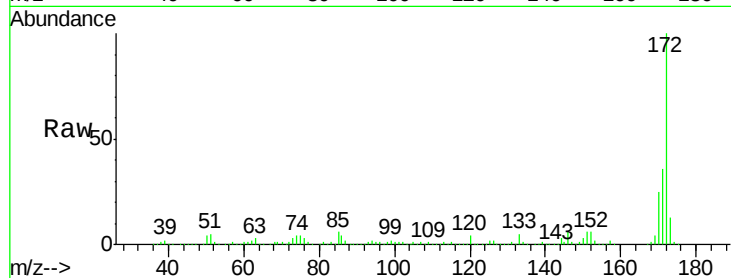




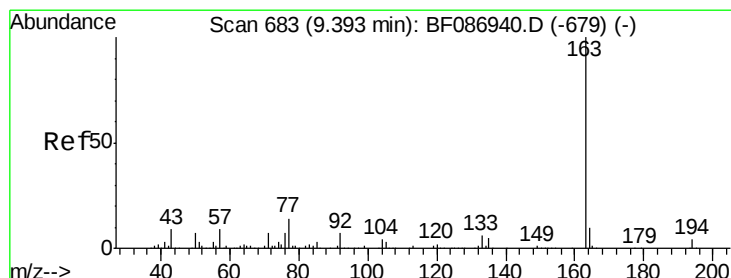
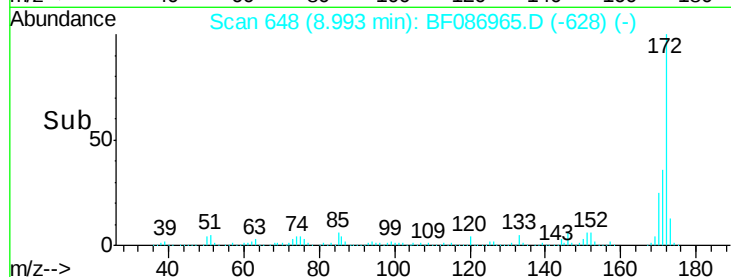
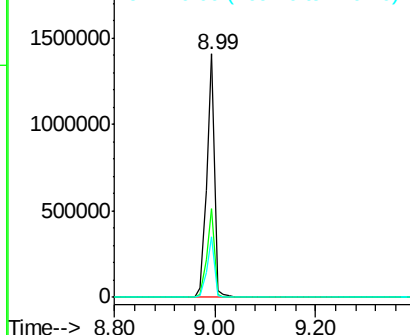
#44
 2-Fluorobiphenyl
 Concen: 119.32 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.07 min
 Lab File: BF086965.D
 Acq: 13 May 2016 10:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1489482
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.7 19.8 29.8

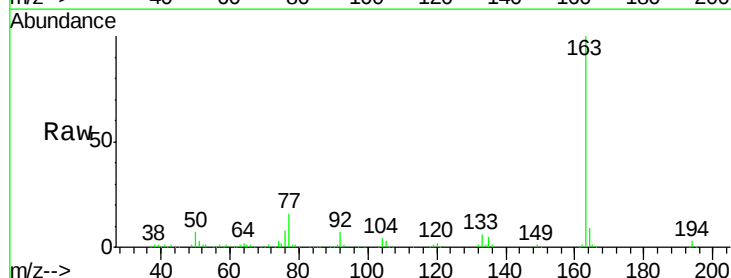


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

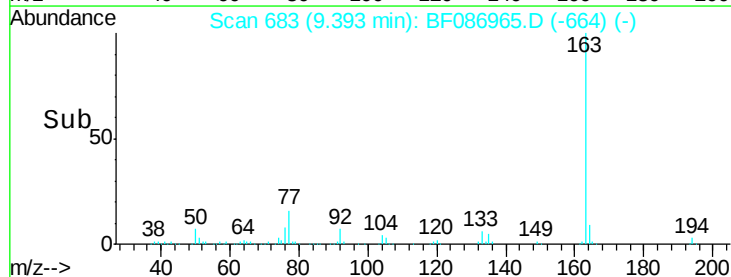
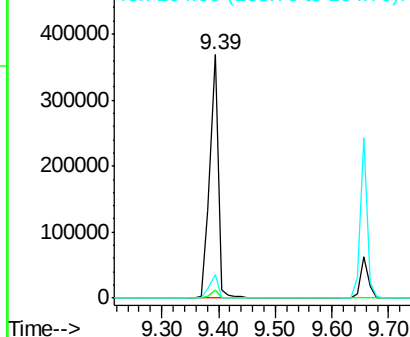


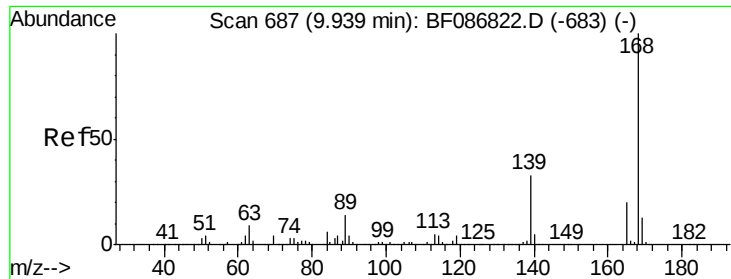
#49
 Dimethylphthalate
 Concen: 22.77 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.08 min
 Lab File: BF086965.D
 Acq: 13 May 2016 10:06

Tgt Ion:163 Resp: 364483
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 9.4 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

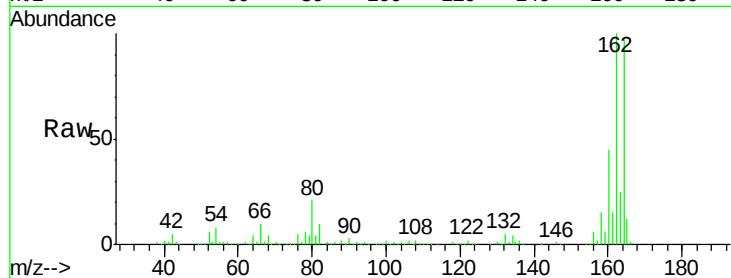




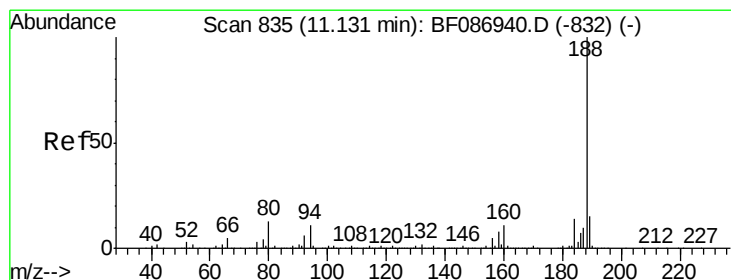
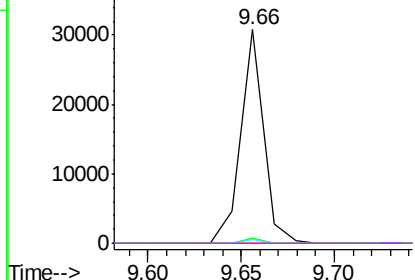
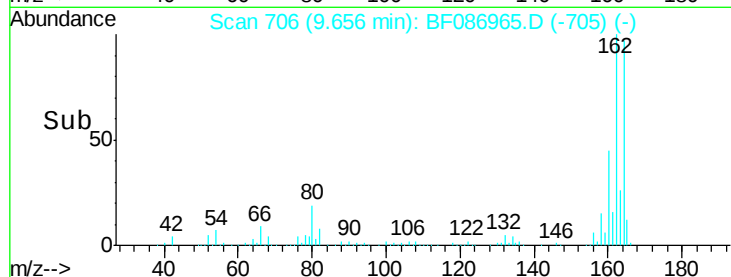
#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.28 min
 Lab File: BF086965.D
 Acq: 13 May 2016 10:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 26499
 Ion Ratio Lower Upper
 165 100
 63 2.2 44.3 66.5#
 89 2.0 70.0 105.0#
 182 0.0 1.8 2.6#

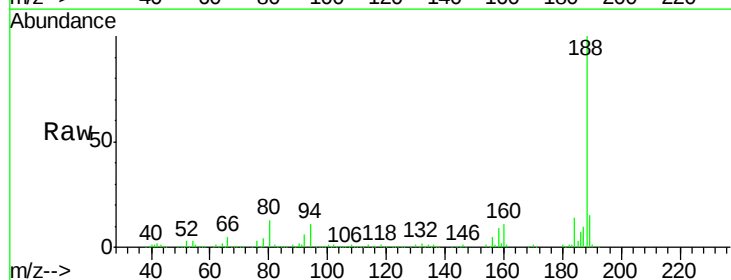


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

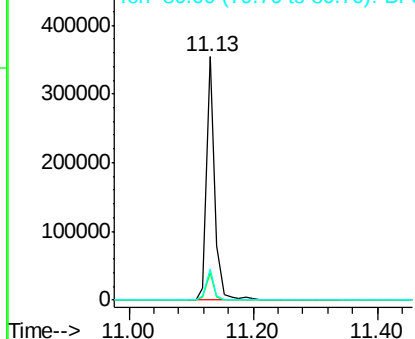
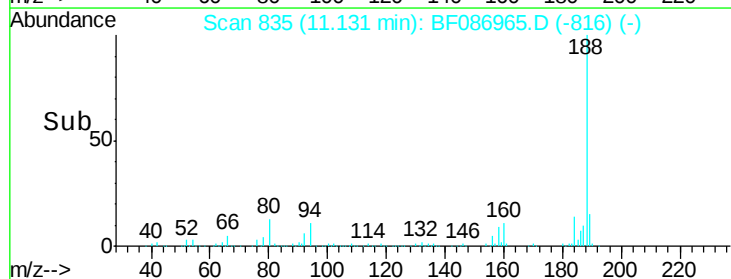


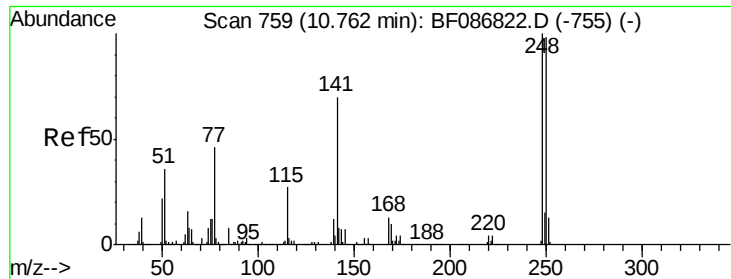
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.08 min
 Lab File: BF086965.D
 Acq: 13 May 2016 10:06

Tgt Ion:188 Resp: 328005
 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

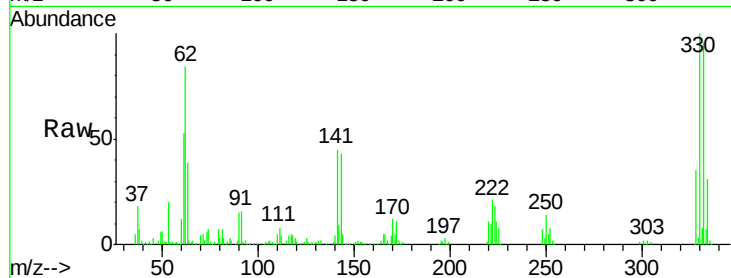




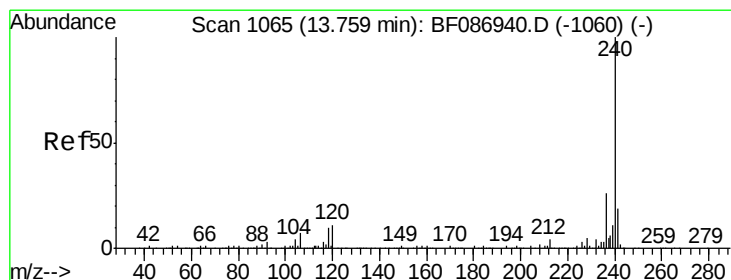
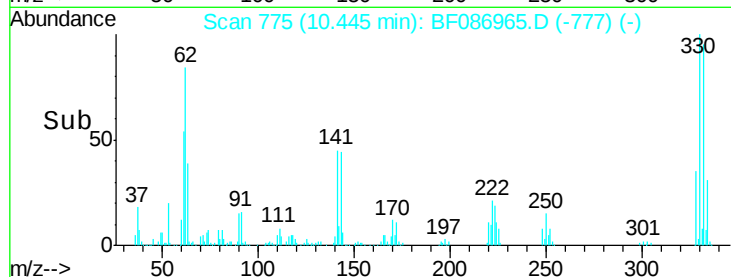
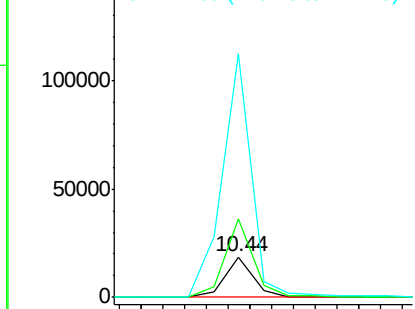
#66
4-Bromophenyl-phenylether
Concen: 5.04 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.32 min
Lab File: BF086965.D
Acq: 13 May 2016 10:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16768
Ion Ratio Lower Upper
248 100
250 192.3 78.6 117.8#
141 598.8 76.0 114.0#

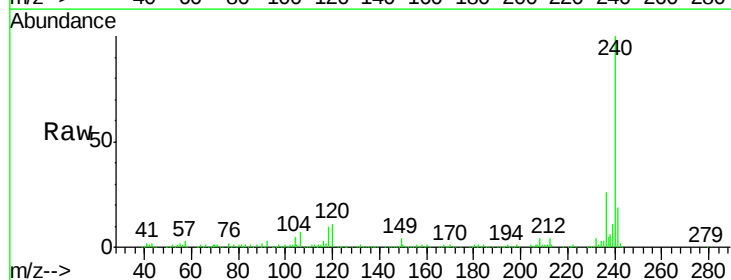


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

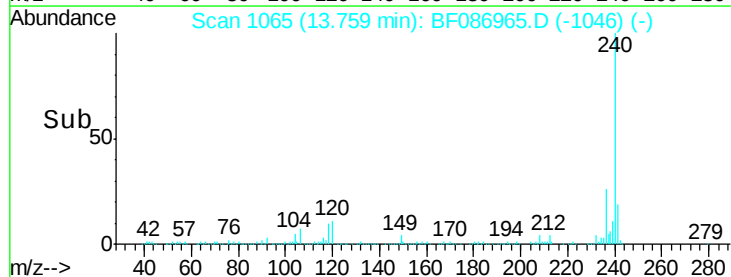
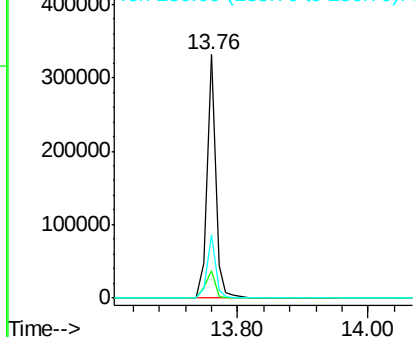


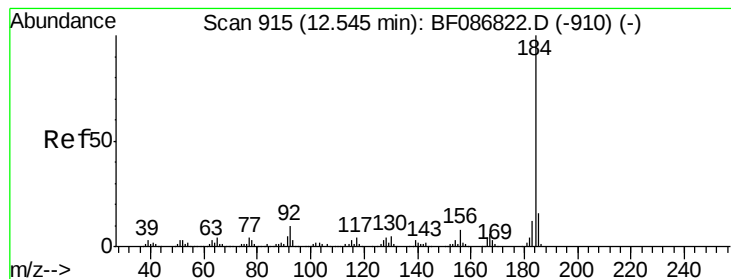
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.08 min
Lab File: BF086965.D
Acq: 13 May 2016 10:06

Tgt Ion:240 Resp: 303661
Ion Ratio Lower Upper
240 100
120 11.1 11.2 16.8#
236 25.7 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





#76

Benzidine

Concen: 2.15 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.17 min

Lab File: BF086965.D

Acq: 13 May 2016 10:06

Instrument :

BNA_F

ClientSampled :

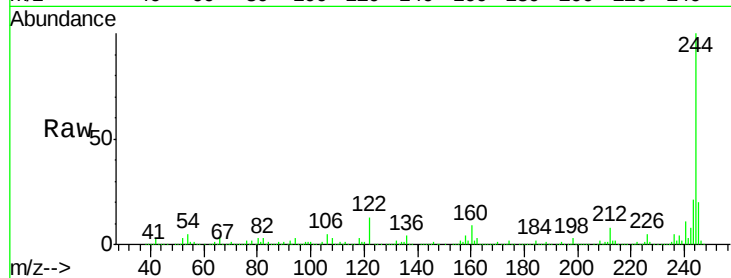
Tot Ion:184 Resp: 16639

Ion Ratio Lower Upper

184 100

185 16.3 13.6 20.4

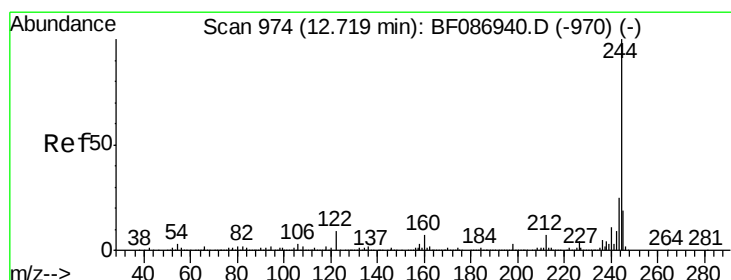
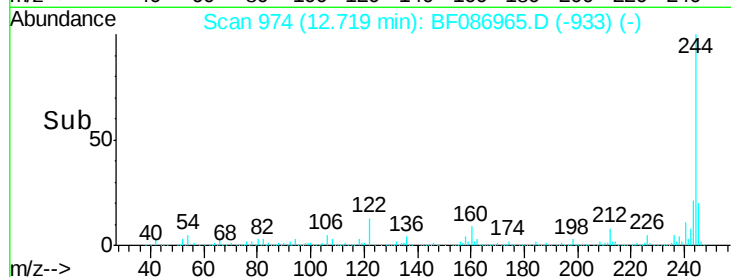
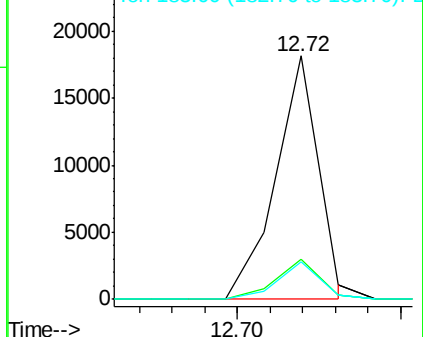
183 15.4 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 69.09 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.08 min

Lab File: BF086965.D

Acq: 13 May 2016 10:06

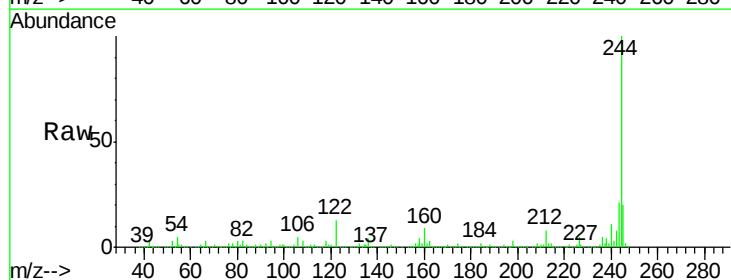
Tgt Ion:244 Resp: 988822

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

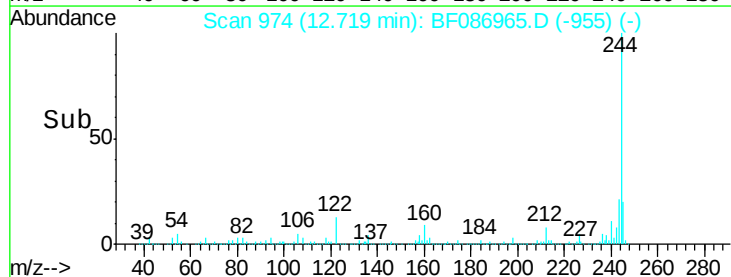
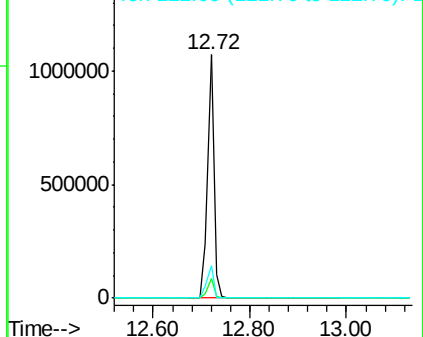
122 13.3 12.0 18.0

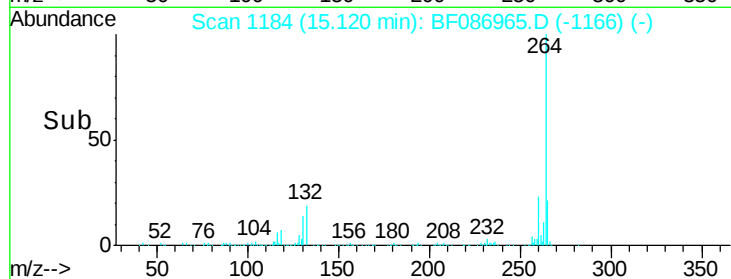
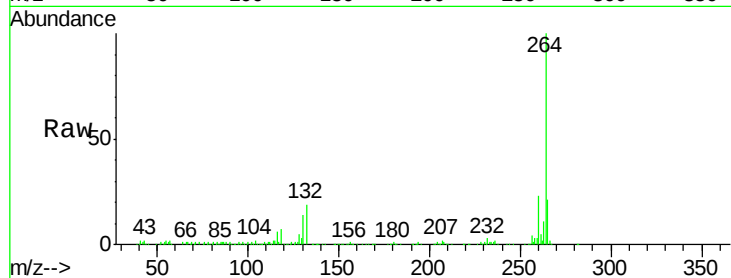
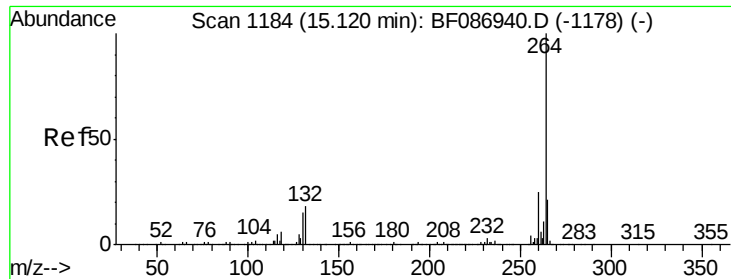


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.09 min
Lab File: BF086965.D
Acq: 13 May 2016 10:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.7	17.3	25.9

