

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080732.D
 Acq On : 31 Jul 2015 14:05
 Operator : TP/UM
 Sample : PB84695TB
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84695TB

Quant Time: Aug 01 00:19:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

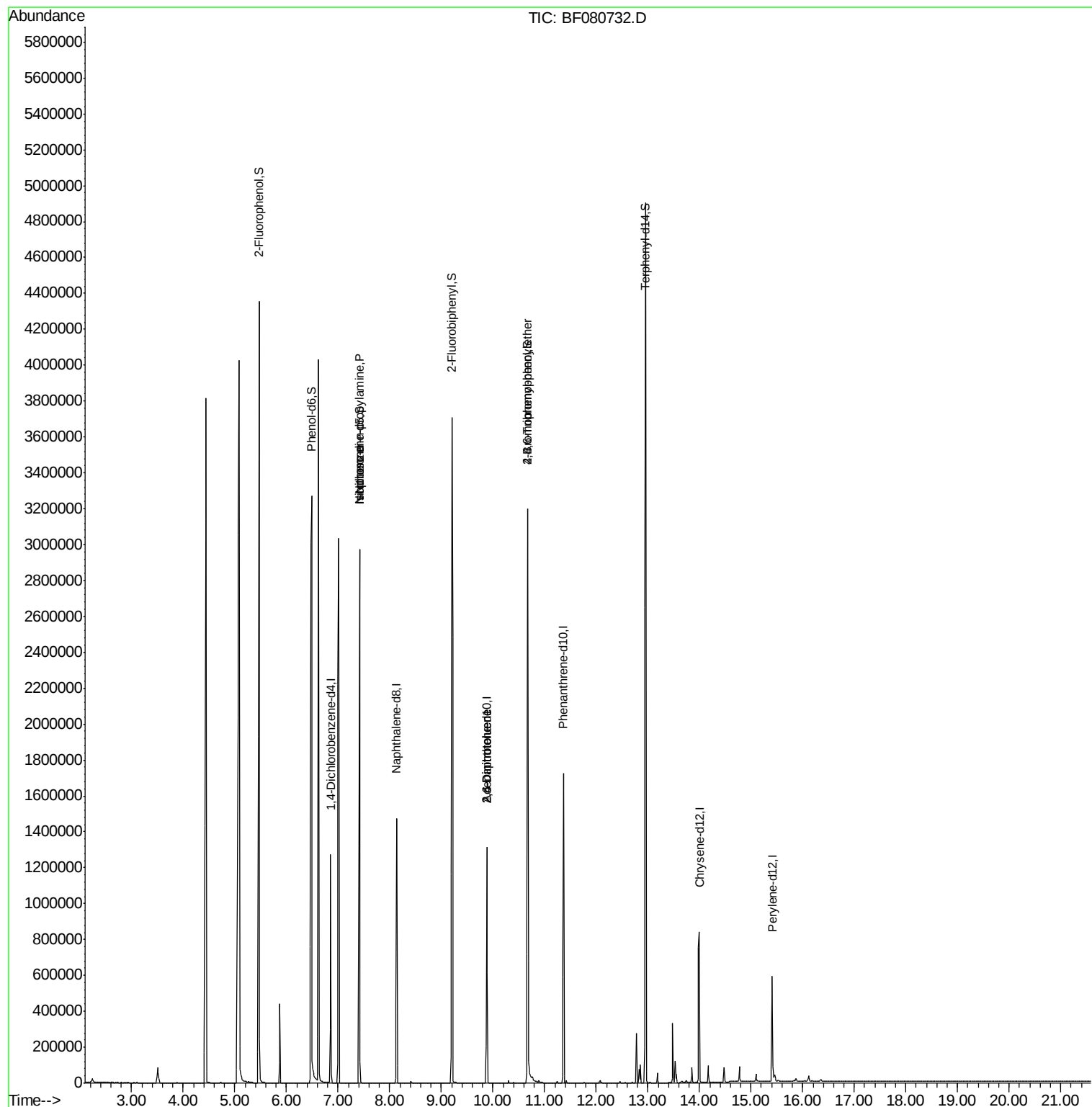
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	166950	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	624966	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	305330	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	652425	20.00	ng	0.00
75) Chrysene-d12	14.00	240	426094	20.00	ng	0.00
86) Perylene-d12	15.41	264	336387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1073267	110.28	ng	0.02
7) Phenol-d6	6.49	99	1674034	126.35	ng	0.00
23) Nitrobenzene-d5	7.41	82	994453	77.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	396648	125.19	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1736528	84.85	ng	-0.01
78) Terphenyl-d14	12.96	244	1820055	80.79	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	2296	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	140084	15.70	ng	# 75
25) Isophorone	7.41	82	966604	42.12	ng	# 71
50) 2,6-Dinitrotoluene	9.88	165	37197	8.15	ng	# 15
56) 2,4-Dinitrotoluene	9.88	165	37198	6.21	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	25012	3.71	ng	# 1

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

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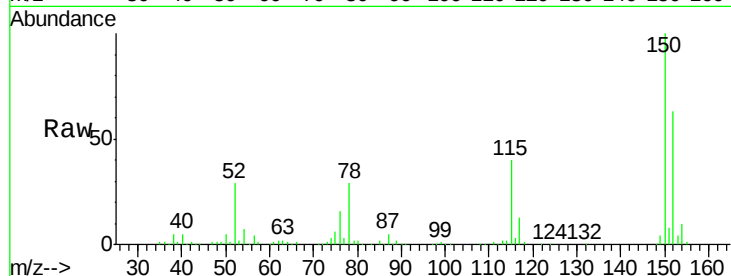




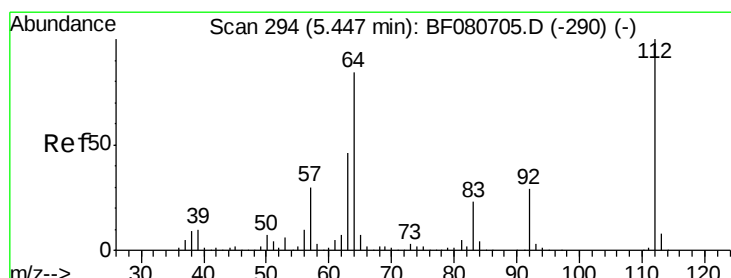
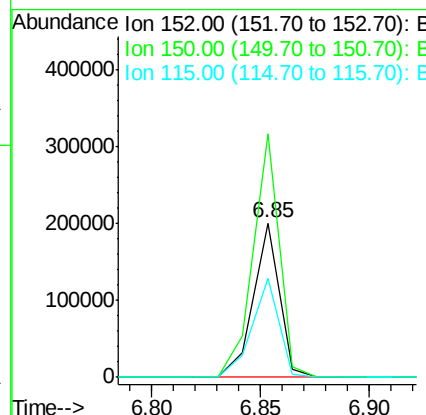
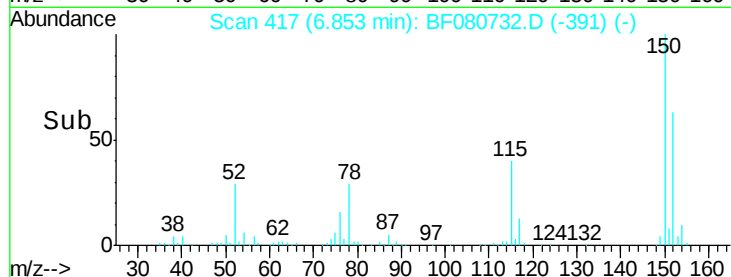
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF080732.D
 Acq: 31 Jul 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84695TB

Tgt Ion:152 Resp: 166950
 Ion Ratio Lower Upper
 152 100
 150 157.5 129.6 194.4
 115 63.7 56.6 85.0

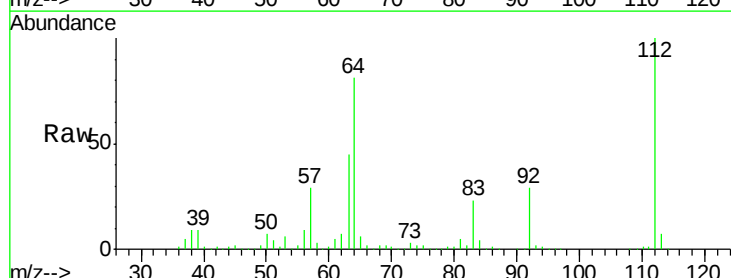


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

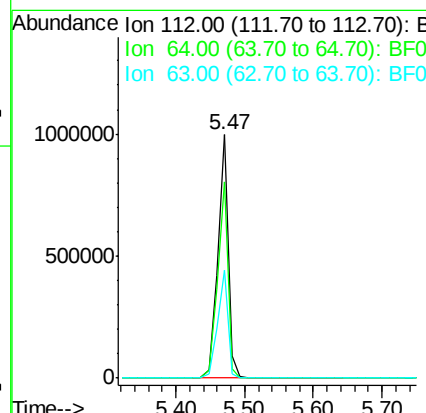
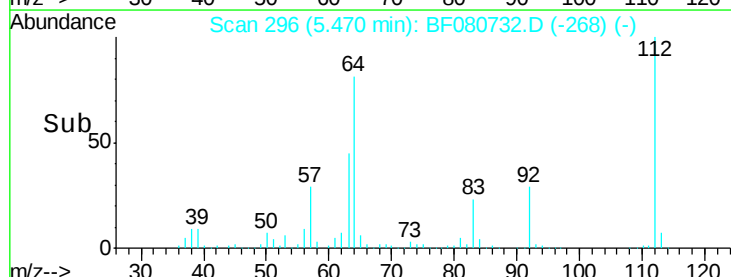


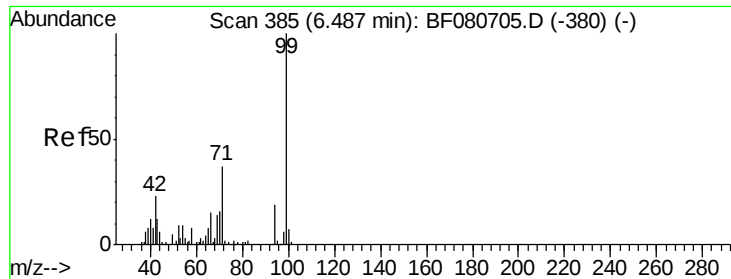
#5
 2-Fluorophenol
 Concen: 110.28 ng
 RT: 5.47 min Scan# 296
 Delta R.T. 0.02 min
 Lab File: BF080732.D
 Acq: 31 Jul 2015 14:05

Tgt Ion:112 Resp: 1073267
 Ion Ratio Lower Upper
 112 100
 64 80.6 66.8 100.2
 63 44.5 36.7 55.1



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: 126.35 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF080732.D

Acq: 31 Jul 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84695TB

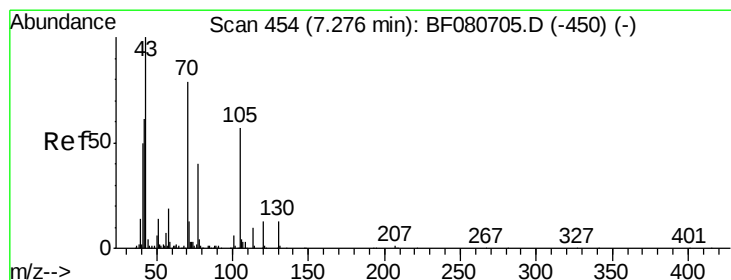
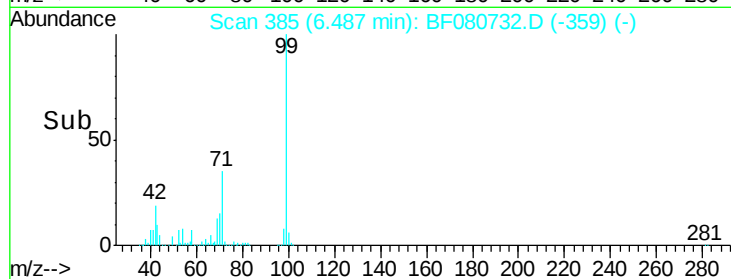
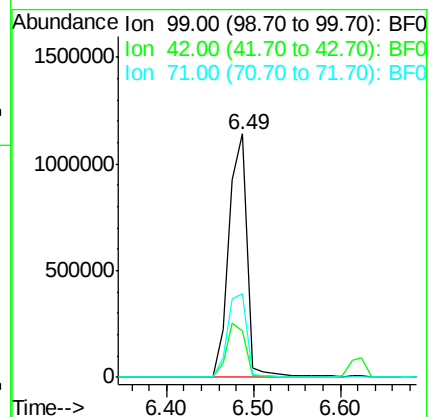
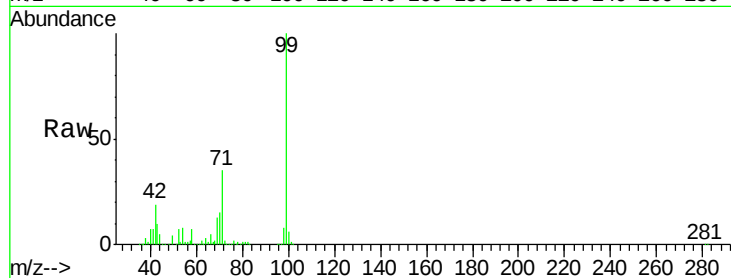
Tgt Ion: 99 Resp: 1674034

Ion Ratio Lower Upper

99 100

42 18.9 18.2 27.2

71 34.5 29.5 44.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.70 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080732.D

Acq: 31 Jul 2015 14:05

Tgt Ion: 70 Resp: 140084

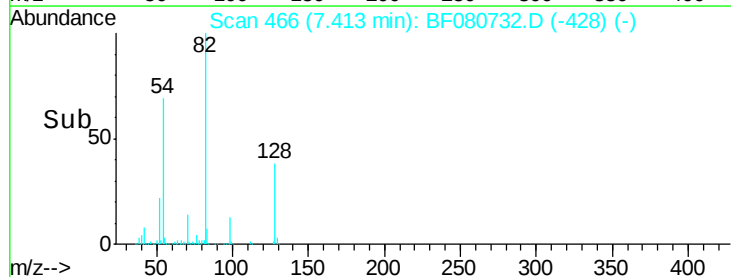
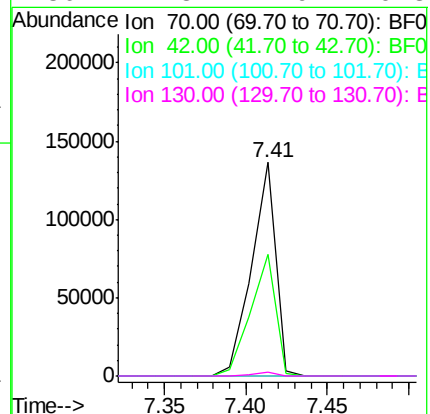
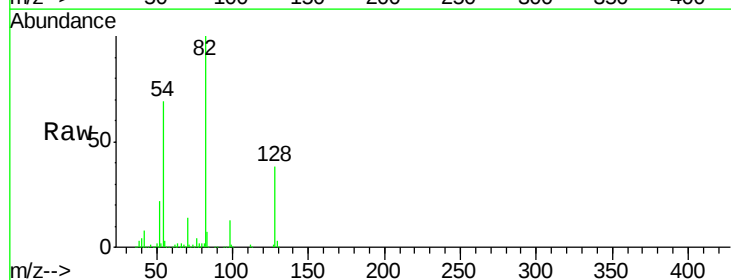
Ion Ratio Lower Upper

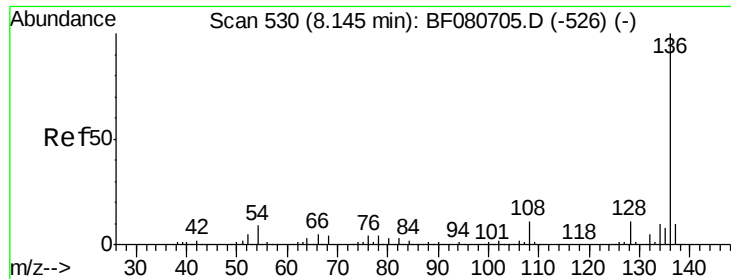
70 100

42 56.7 61.8 92.6#

101 0.0 6.1 9.1#

130 1.8 12.9 19.3#

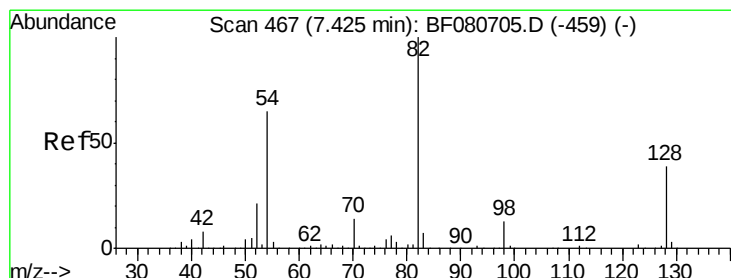
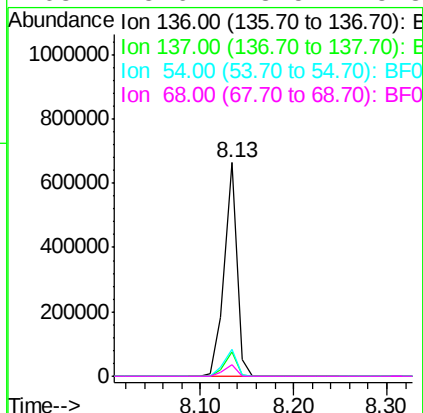
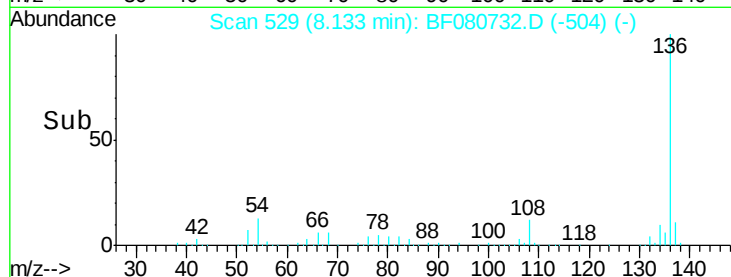
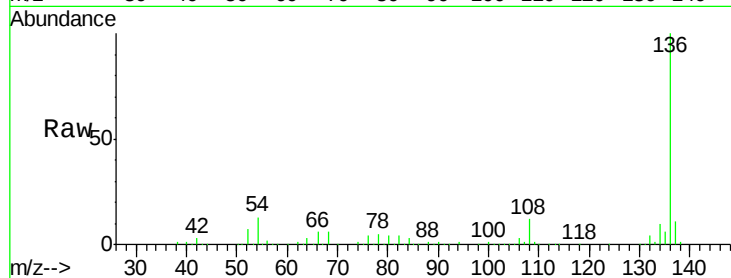




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080732.D
Acq: 31 Jul 2015 14:05

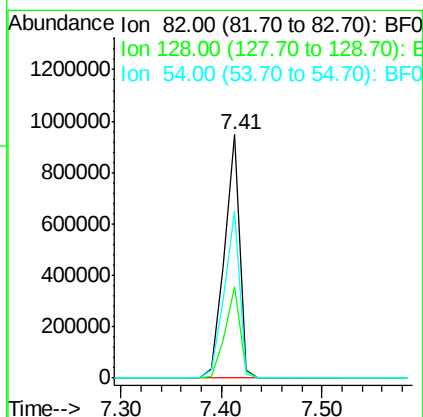
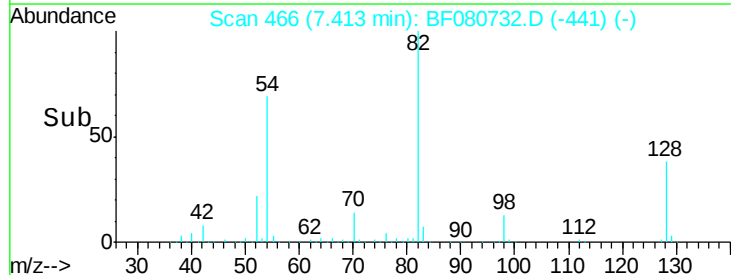
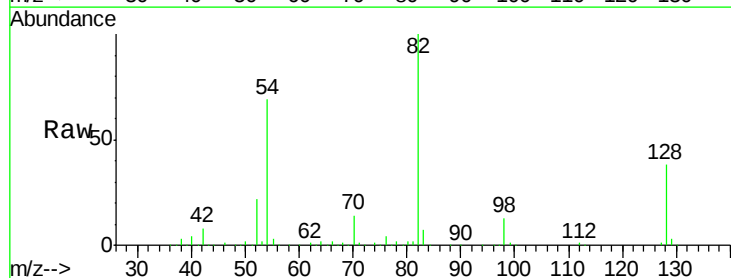
Instrument :
BNA_F
ClientSampleId :
PB84695TB

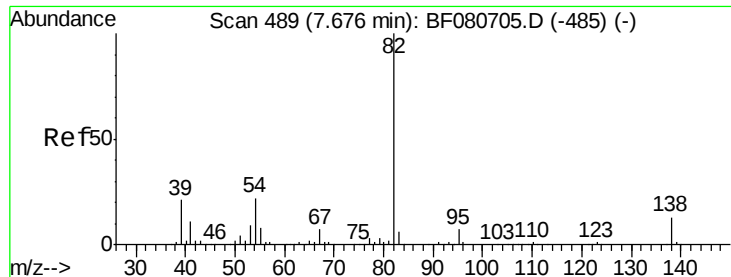
Tgt Ion:	136	Resp:	624966
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	12.5	6.9	10.3#
68	5.6	3.5	5.3#



#23
Nitrobenzene-d5
Concen: 77.06 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080732.D
Acq: 31 Jul 2015 14:05

Tgt Ion:	82	Resp:	994453
Ion	Ratio	Lower	Upper
82	100		
128	37.5	31.5	47.3
54	68.6	51.8	77.8





#25

Isophorone

Concen: 42.12 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080732.D

Acq: 31 Jul 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84695TB

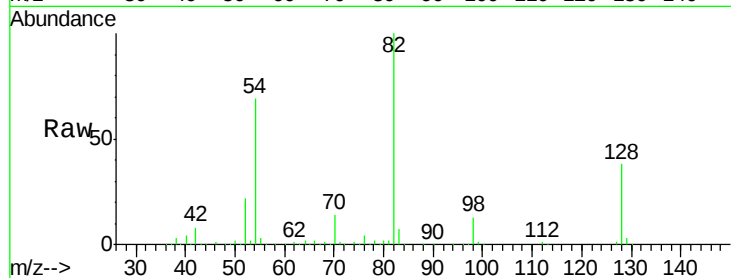
Tgt Ion: 82 Resp: 966604

Ion Ratio Lower Upper

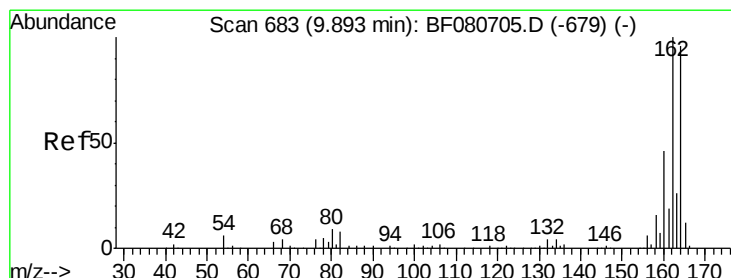
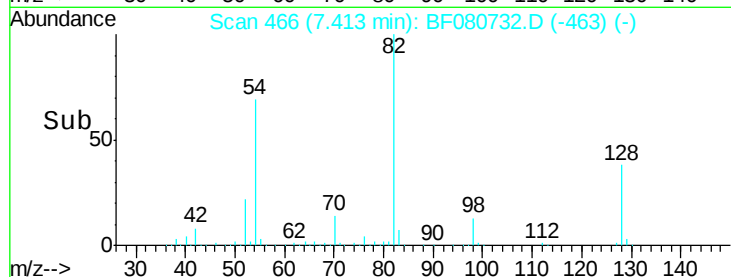
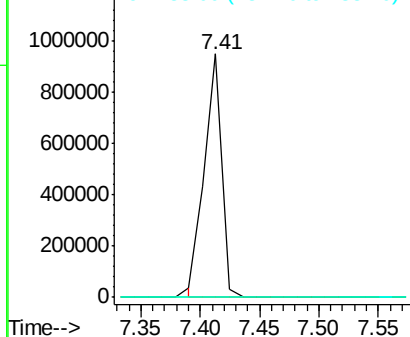
82 100

95 0.0 5.8 8.6#

138 0.0 10.7 16.1#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080732.D

Acq: 31 Jul 2015 14:05

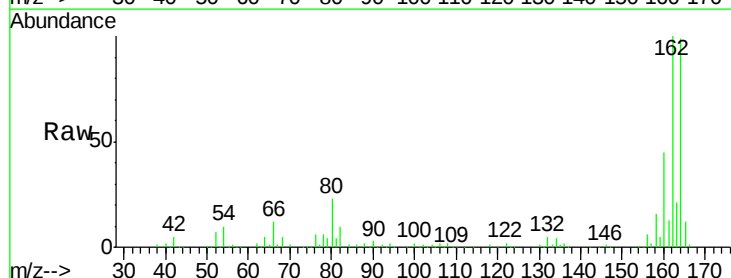
Tgt Ion: 164 Resp: 305330

Ion Ratio Lower Upper

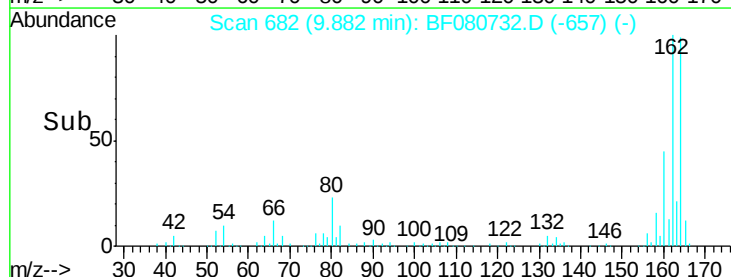
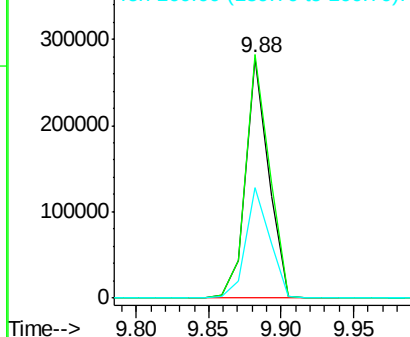
164 100

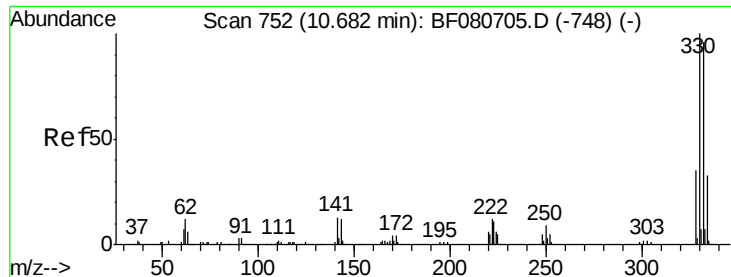
162 101.3 83.4 125.0

160 45.9 38.0 57.0



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

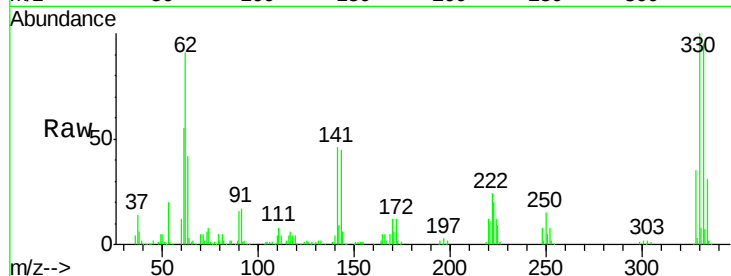




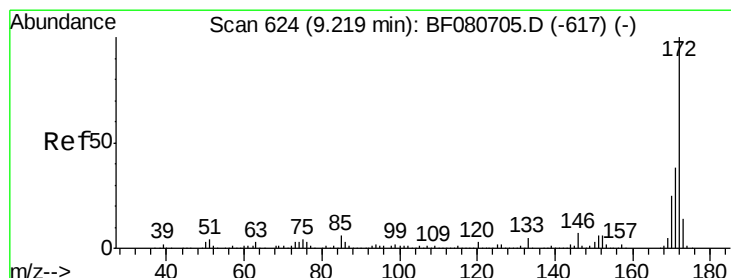
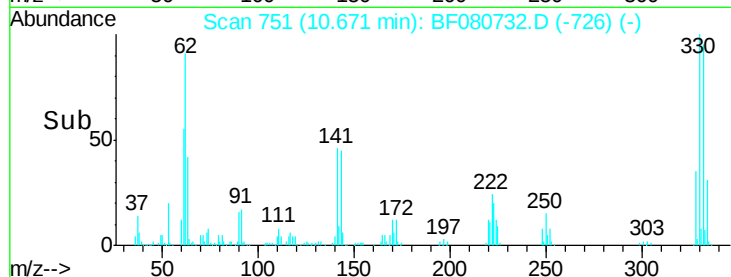
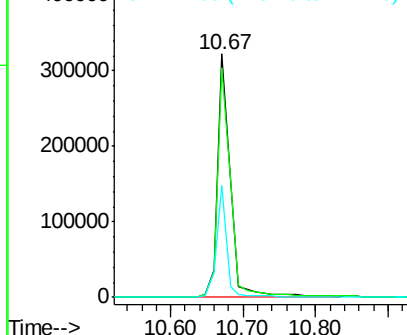
#41
 2,4,6-Tribromophenol
 Concen: 125.19 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080732.D
 Acq: 31 Jul 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84695TB

Tgt Ion:330 Resp: 396648
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 38.6 26.0 39.0

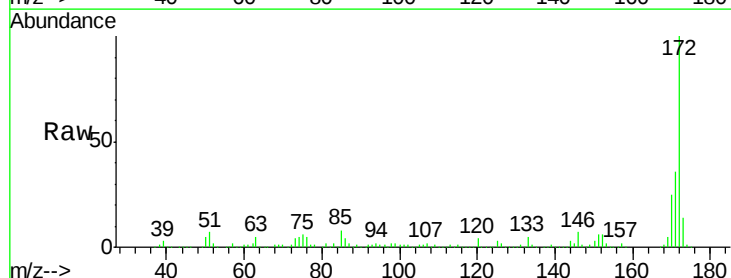


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

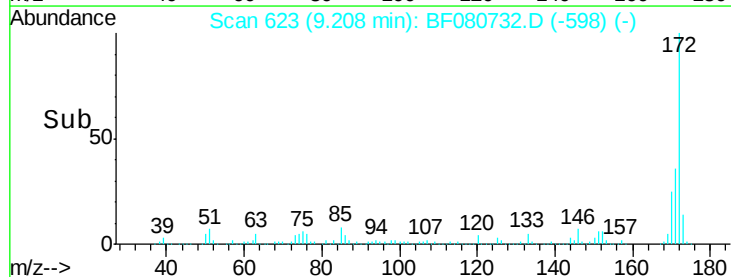
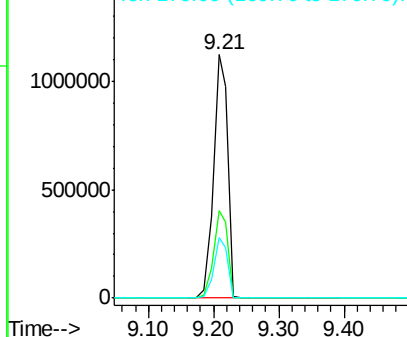


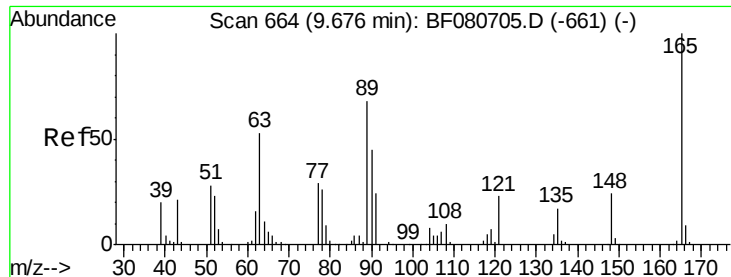
#44
 2-Fluorobiphenyl
 Concen: 84.85 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080732.D
 Acq: 31 Jul 2015 14:05

Tgt Ion:172 Resp: 1736528
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.2 45.4
 170 25.0 20.2 30.2



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

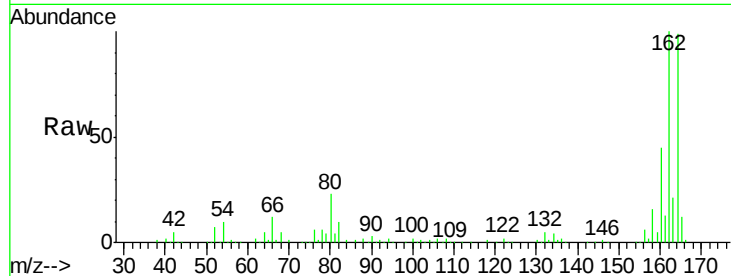




#50
 2,6-Dinitrotoluene
 Concen: 8.15 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.21 min
 Lab File: BF080732.D
 Acq: 31 Jul 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84695TB

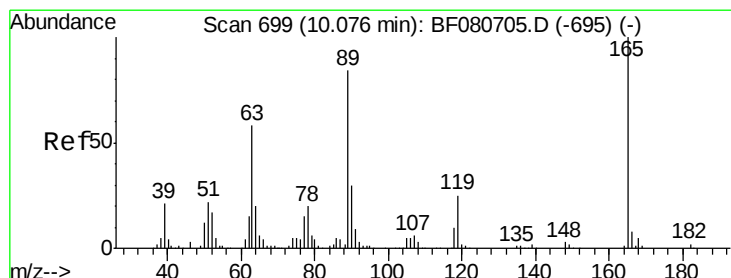
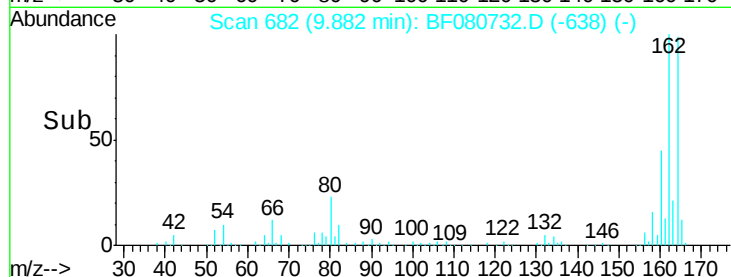
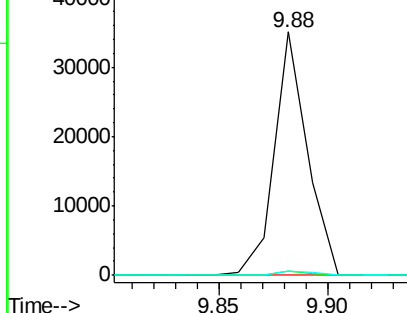
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	62.3	93.5#
89	1.6	54.8	82.2#



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: 6.21 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.19 min
 Lab File: BF080732.D
 Acq: 31 Jul 2015 14:05

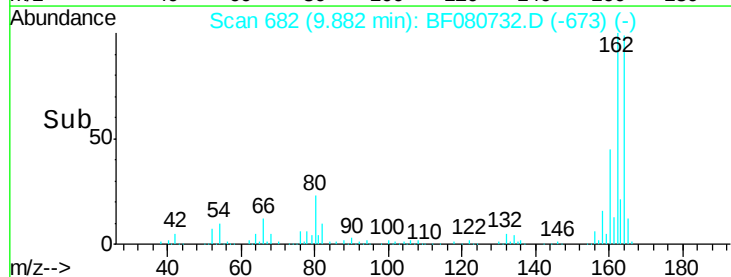
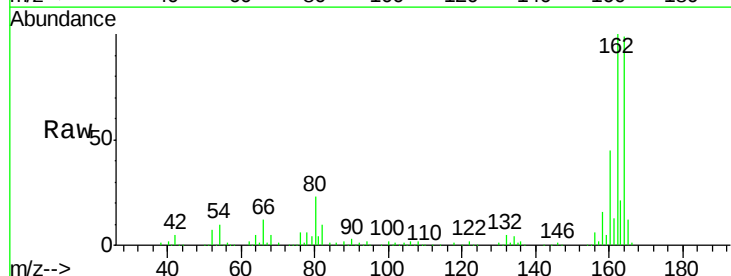
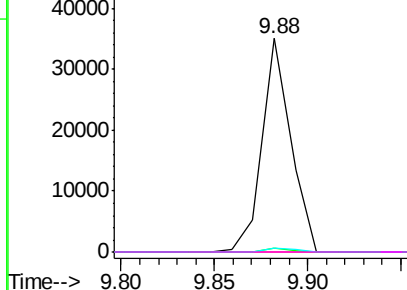
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	46.7	70.1#
89	1.6	67.4	101.2#
182	0.0	1.8	2.6#

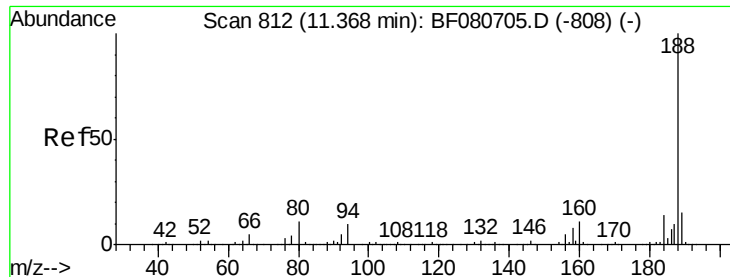
Abundance Ion 165.00 (164.70 to 165.70): E

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

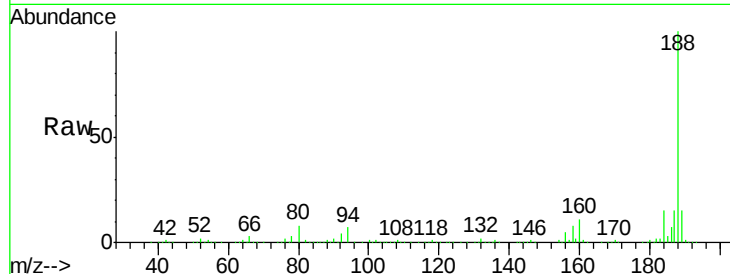




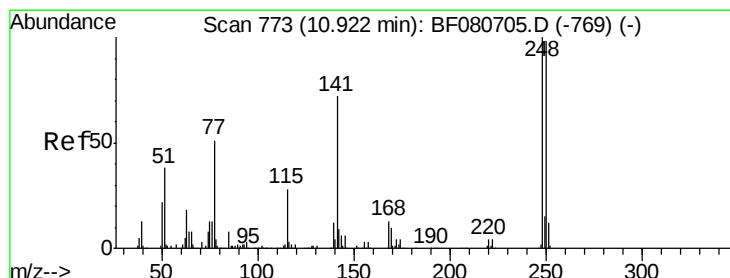
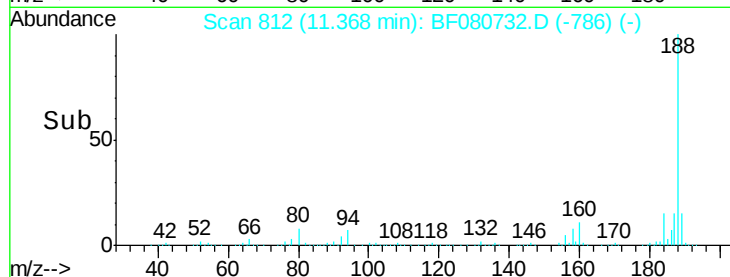
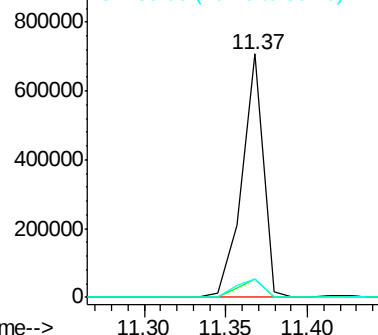
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF080732.D
 Acq: 31 Jul 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84695TB

Tgt Ion:188 Resp: 652425
 Ion Ratio Lower Upper
 188 100
 94 7.4 8.1 12.1#
 80 7.7 9.1 13.7#

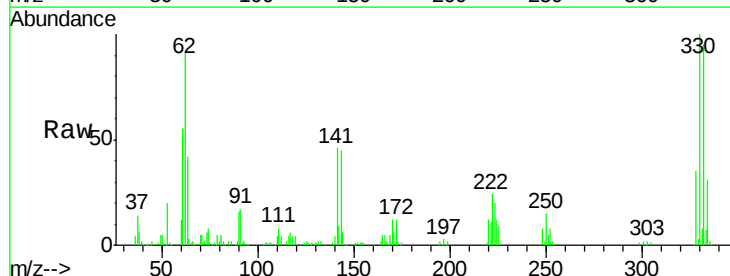


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

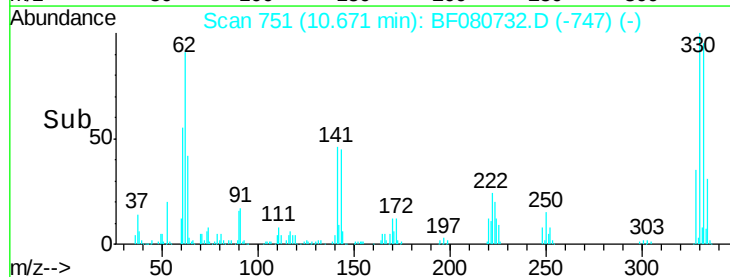
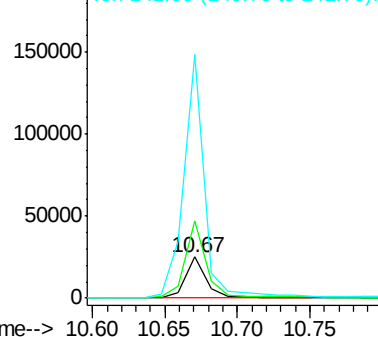


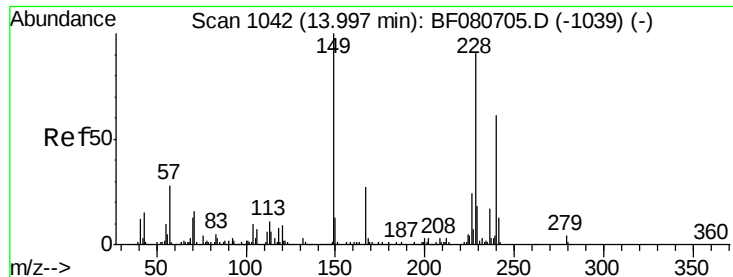
#66
 4-Bromophenyl-phenylether
 Concen: 3.71 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080732.D
 Acq: 31 Jul 2015 14:05

Tgt Ion:248 Resp: 25012
 Ion Ratio Lower Upper
 248 100
 250 187.7 78.4 117.6#
 141 591.9 57.5 86.3#



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: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF080732.D

Acq: 31 Jul 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84695TB

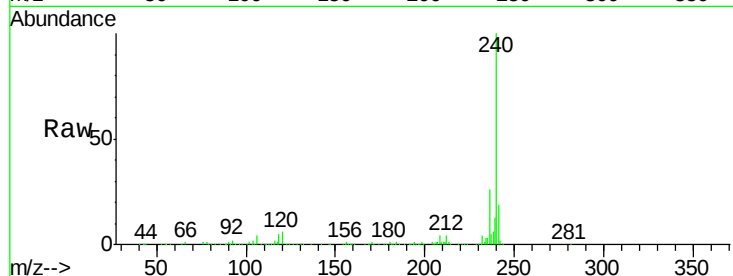
Tgt Ion:240 Resp: 426094

Ion Ratio Lower Upper

240 100

120 6.2 11.8 17.8#

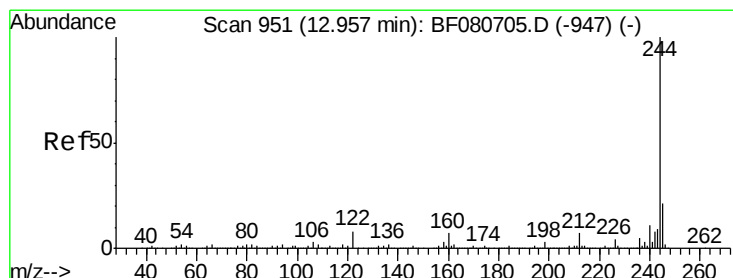
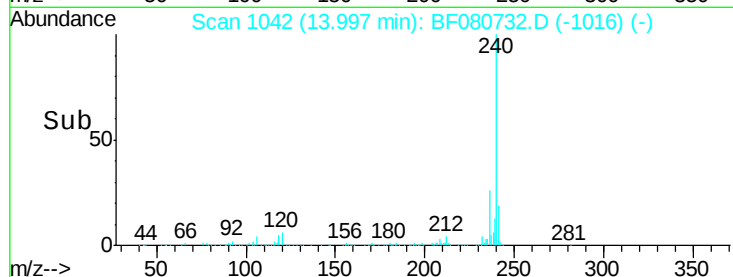
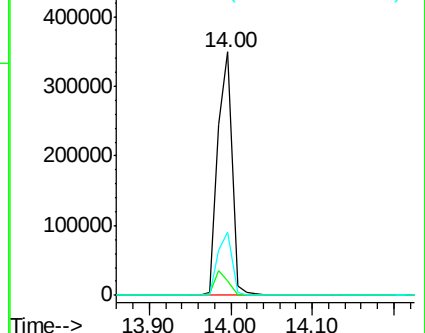
236 26.0 21.8 32.8



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: 80.79 ng

RT: 12.96 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF080732.D

Acq: 31 Jul 2015 14:05

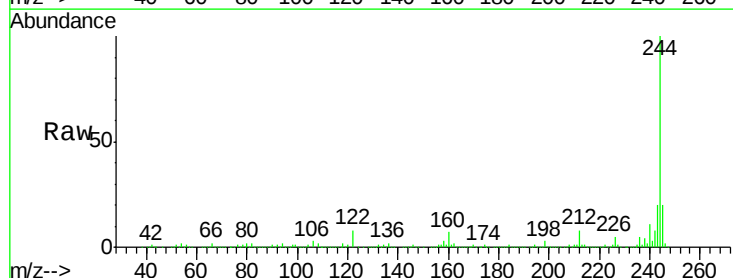
Tgt Ion:244 Resp: 1820055

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

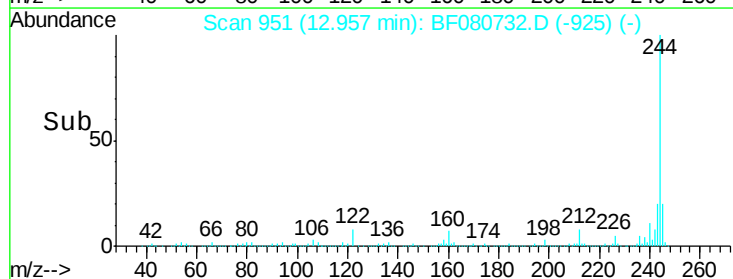
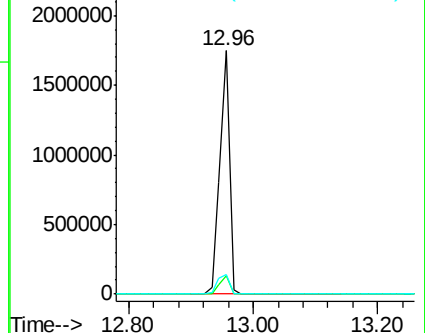
122 8.1 6.6 9.8

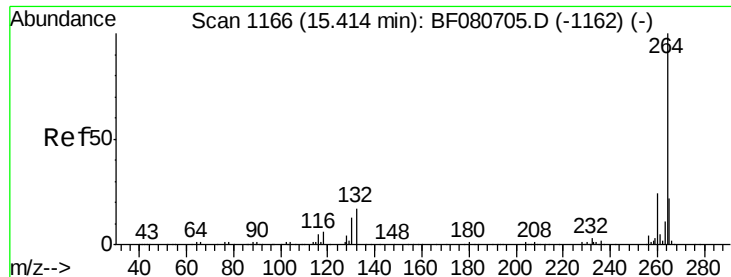


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

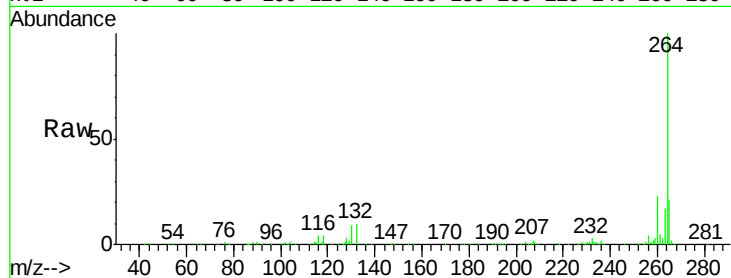




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF080732.D
Acq: 31 Jul 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84695TB

Tgt Ion: 264 Resp: 336387
Ion Ratio Lower Upper
264 100
260 22.6 19.4 29.0
265 21.3 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

