

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087033.D
 Acq On : 14 May 2016 21:37
 Operator : UM/SJ
 Sample : PB90575BL
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BL

Quant Time: May 16 04:46:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

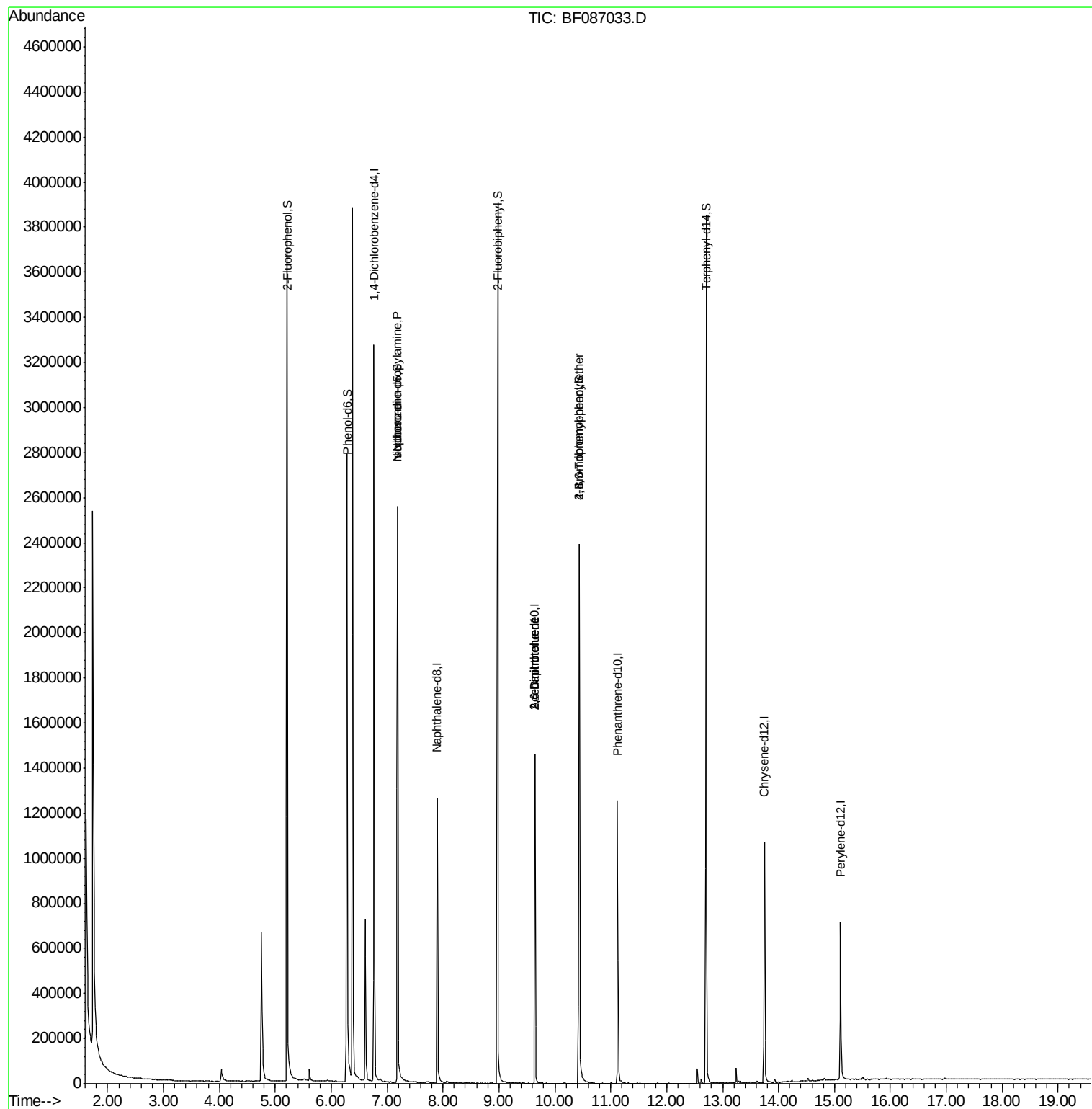
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	430119	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	580570	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	282217	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	518548	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	370232	20.00	ng	-0.09
86) Perylene-d12	15.11	264	318639	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	983619	38.73	ng	-0.08
7) Phenol-d6	6.28	99	1333254	39.28	ng	-0.08
23) Nitrobenzene-d5	7.19	82	928621	80.32	ng	-0.08
41) 2,4,6-Tribromophenol	10.43	330	280064	93.74	ng	-0.09
44) 2-Fluorobiphenyl	8.98	172	1472613	87.70	ng	-0.08
78) Terphenyl-d14	12.71	244	1186143	67.98	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	131875	5.56	ng	# 75
25) Isophorone	7.19	82	914856	42.65	ng	# 68
50) 2,6-Dinitrotoluene	9.64	165	35931	7.93	ng	# 21
56) 2,4-Dinitrotoluene	9.64	165	35934	6.41	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	16891	3.21	ng	# 1

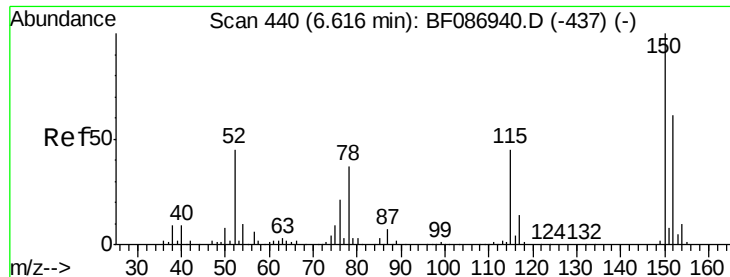
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087033.D
Acq On : 14 May 2016 21:37
Operator : UM/SJ
Sample : PB90575BL
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90575BL

Quant Time: May 16 04:46:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.07 min

Lab File: BF087033.D

Acq: 14 May 2016 21:37

Instrument :

BNA_F

ClientSampleId :

PB90575BL

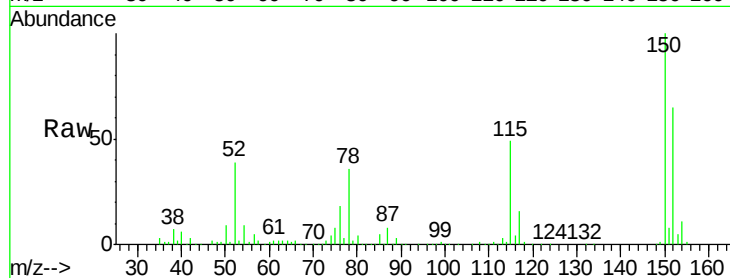
Tgt Ion:152 Resp: 430119

Ion Ratio Lower Upper

152 100

150 154.6 125.8 188.6

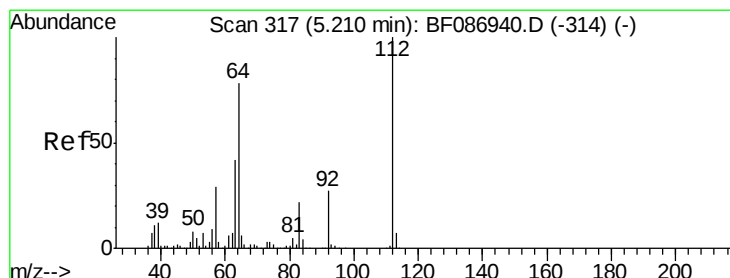
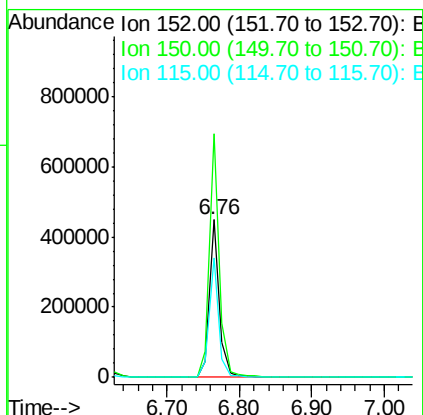
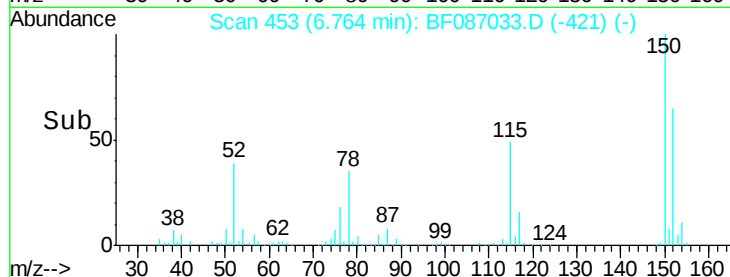
115 76.2 51.5 77.3



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: 38.73 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.08 min

Lab File: BF087033.D

Acq: 14 May 2016 21:37

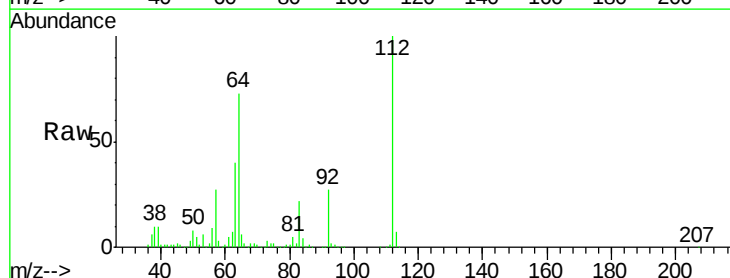
Tgt Ion:112 Resp: 983619

Ion Ratio Lower Upper

112 100

64 72.6 52.1 78.1

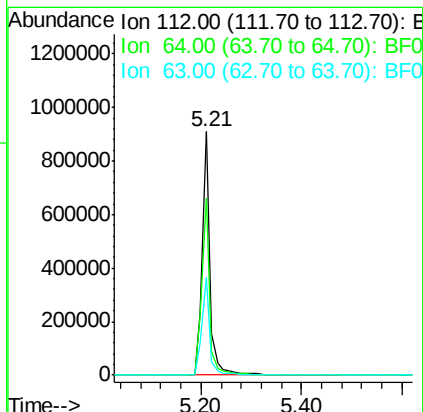
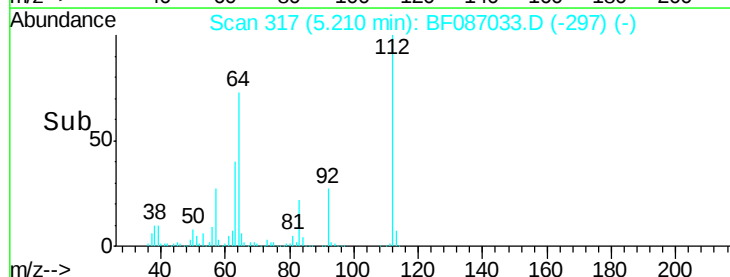
63 40.1 25.7 38.5

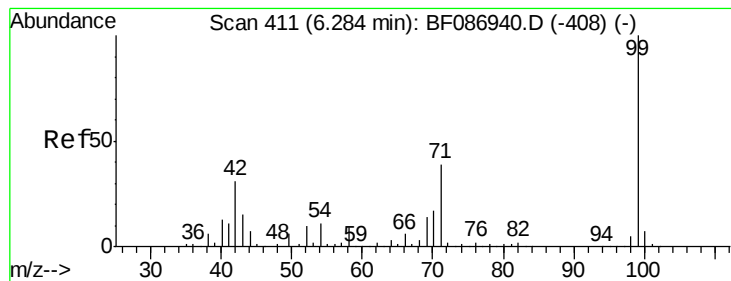


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.28 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087033.D

Acq: 14 May 2016 21:37

Instrument :

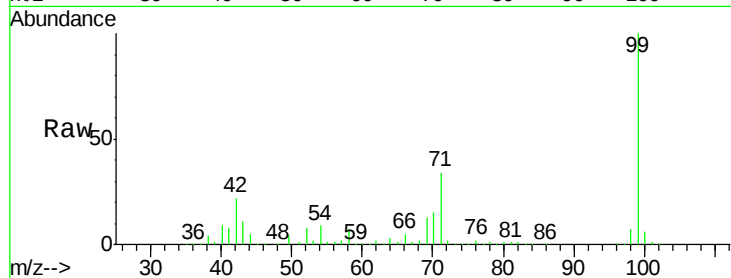
BNA_F

ClientSampleId :

PB90575BL

Tgt Ion: 99 Resp: 1333254

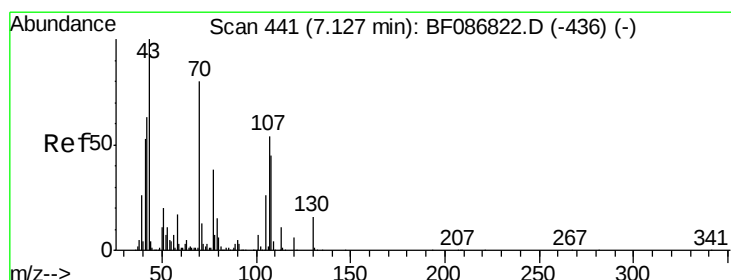
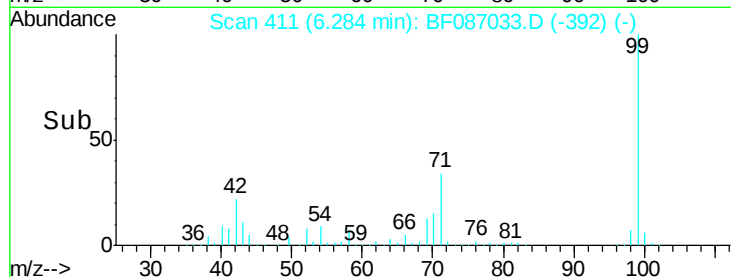
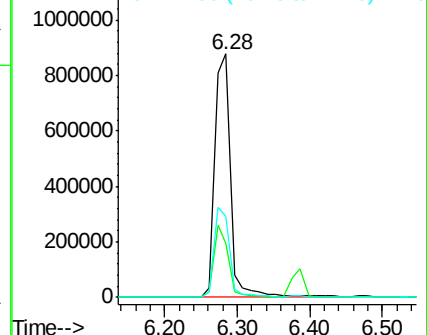
Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.6	20.4#
71	33.5	24.6	36.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.56 ng

RT: 7.19 min Scan# 490

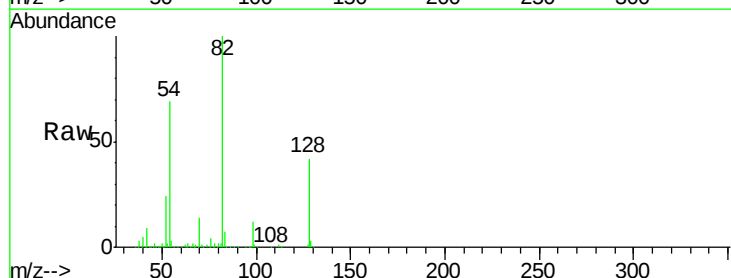
Delta R.T. 0.06 min

Lab File: BF087033.D

Acq: 14 May 2016 21:37

Tgt Ion: 70 Resp: 131875

Ion	Ratio	Lower	Upper
70	100		
42	65.4	43.1	64.7#
101	0.0	8.1	12.1#
130	2.1	18.6	28.0#

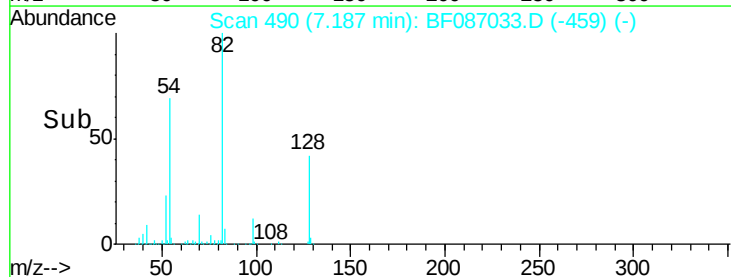
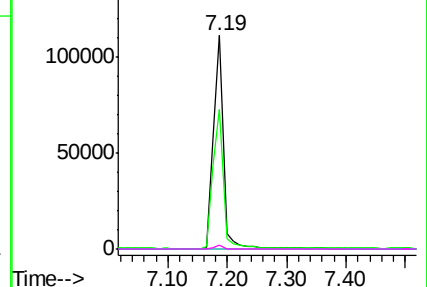


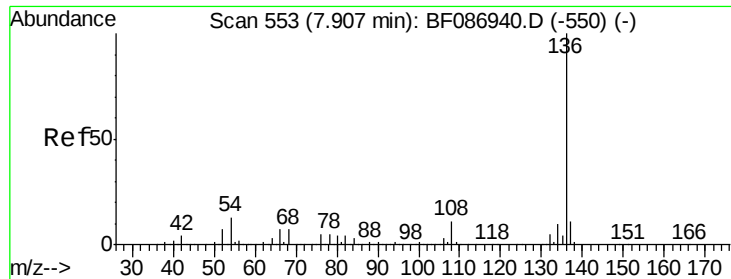
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

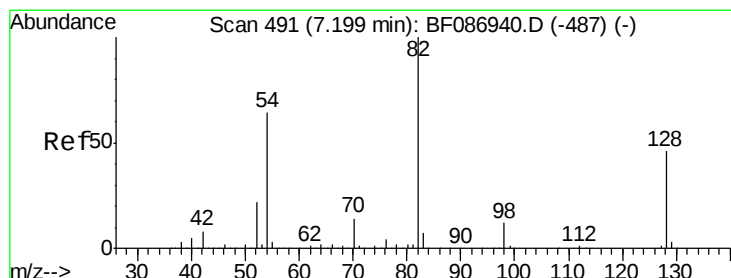
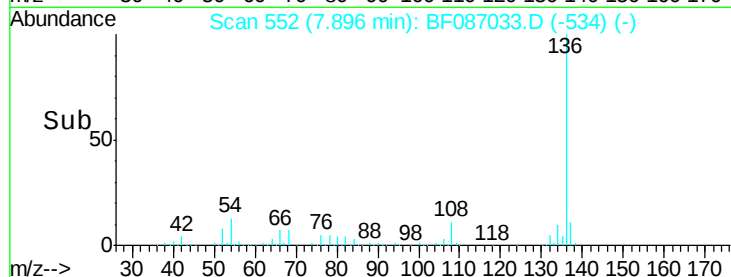
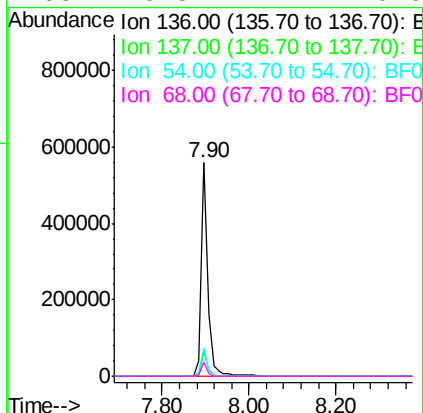
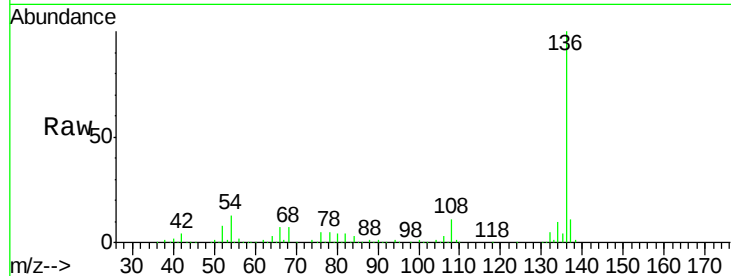




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087033.D
Acq: 14 May 2016 21:37

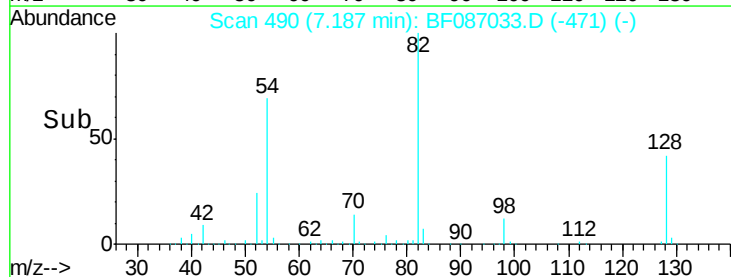
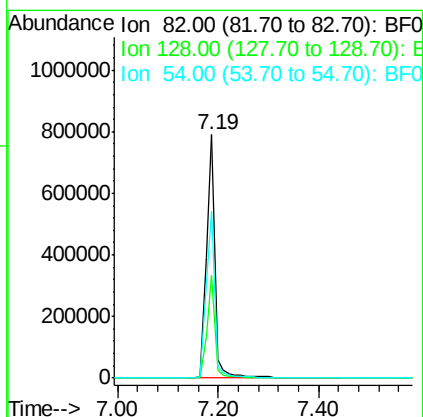
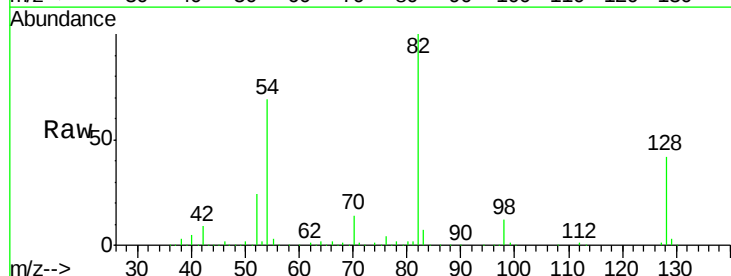
Instrument :
BNA_F
ClientSampleId :
PB90575BL

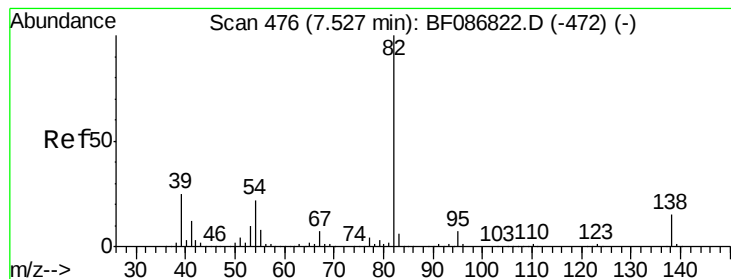
Tgt Ion:	136	Resp:	580570
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	13.3	5.0	7.4#
68	6.8	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 80.32 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087033.D
Acq: 14 May 2016 21:37

Tgt Ion:	82	Resp:	928621
Ion	Ratio	Lower	Upper
82	100		
128	42.0	40.6	61.0
54	68.7	38.1	57.1#





#25

Isophorone

Concen: 42.65 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.34 min

Lab File: BF087033.D

Acq: 14 May 2016 21:37

Instrument :

BNA_F

ClientSampleId :

PB90575BL

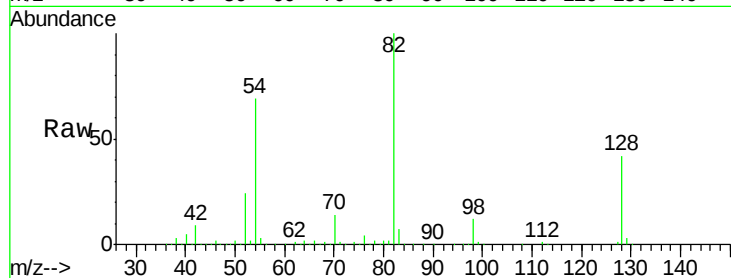
Tgt Ion: 82 Resp: 914856

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

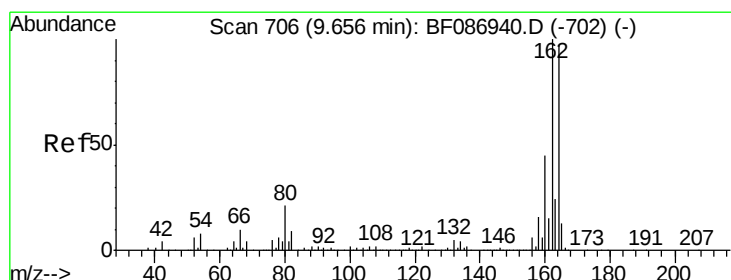
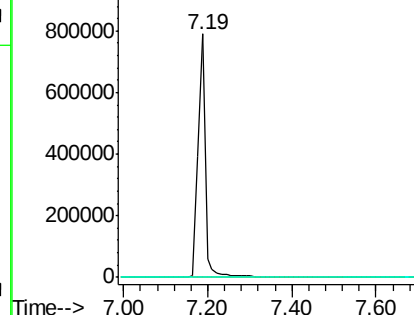
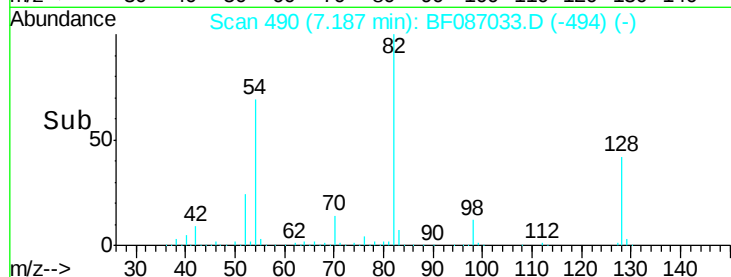
138 0.0 12.4 18.6#



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: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF087033.D

Acq: 14 May 2016 21:37

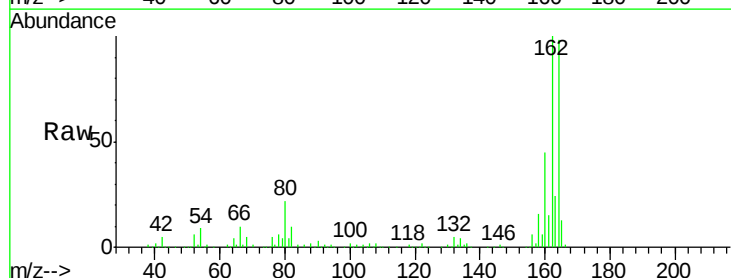
Tgt Ion: 164 Resp: 282217

Ion Ratio Lower Upper

164 100

162 102.1 82.8 124.2

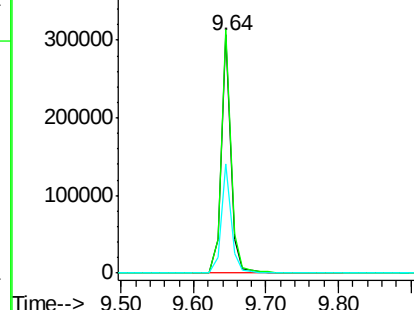
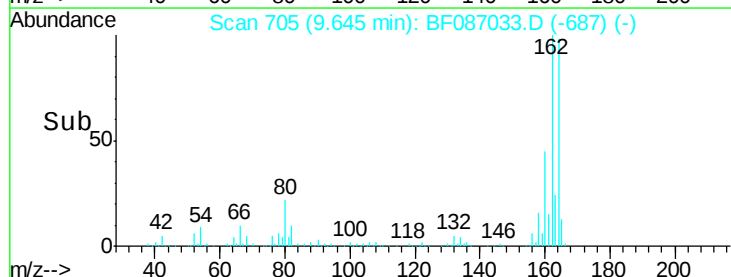
160 45.8 36.9 55.3

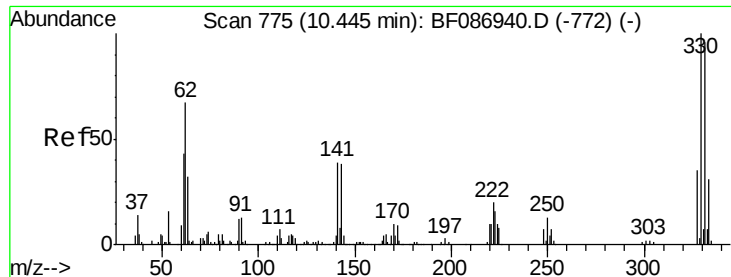


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

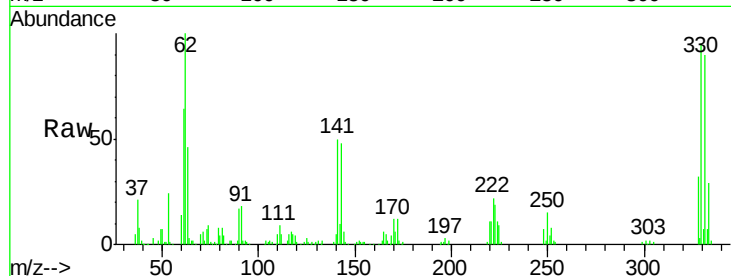




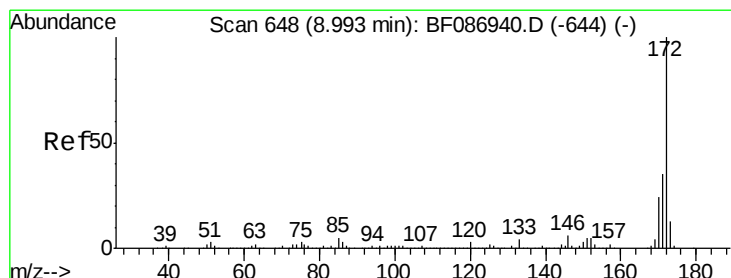
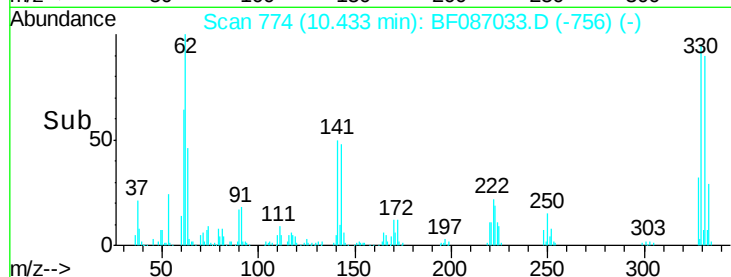
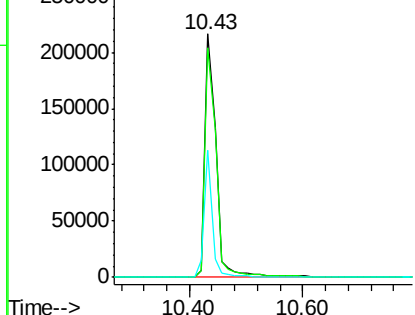
#41
 2,4,6-Tribromophenol
 Concen: 93.74 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.09 min
 Lab File: BF087033.D
 Acq: 14 May 2016 21:37

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BL

Tgt Ion:330 Resp: 280064
 Ion Ratio Lower Upper
 330 100
 332 96.1 79.0 118.4
 141 39.7 31.2 46.8

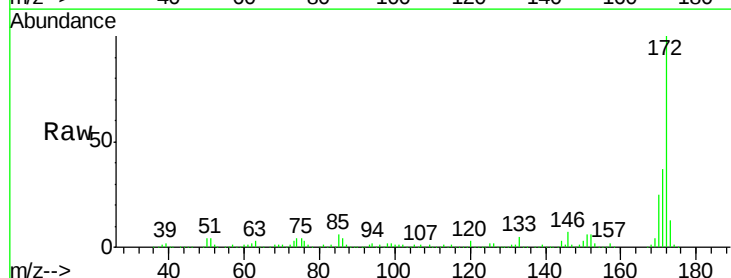


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

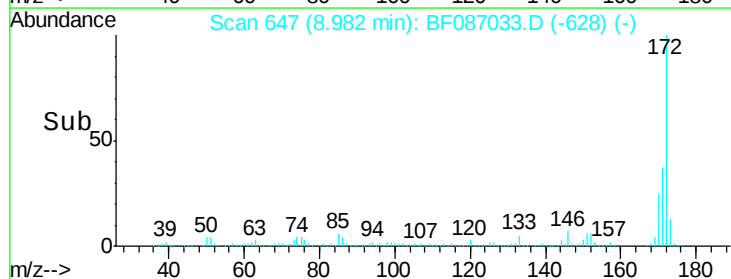
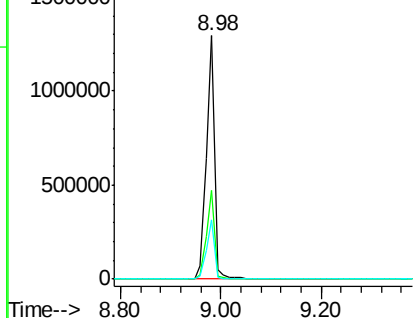


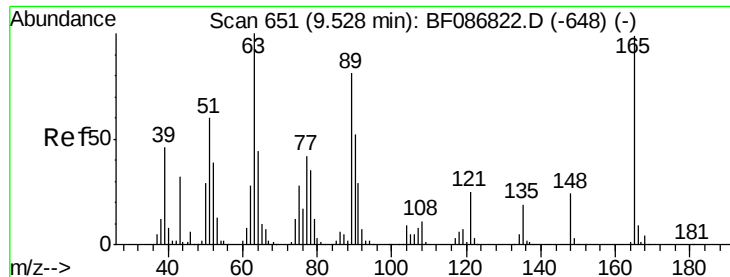
#44
 2-Fluorobiphenyl
 Concen: 87.70 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087033.D
 Acq: 14 May 2016 21:37

Tgt Ion:172 Resp: 1472613
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.6 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

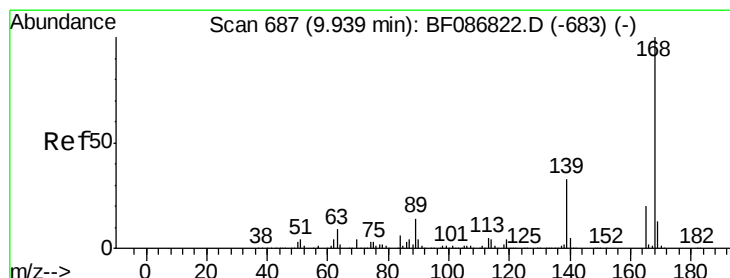
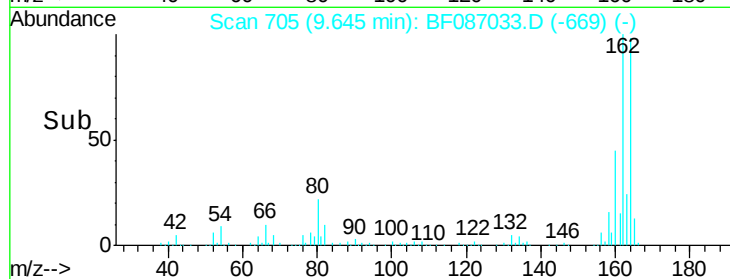
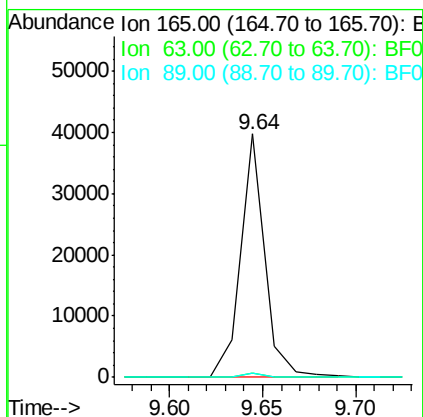
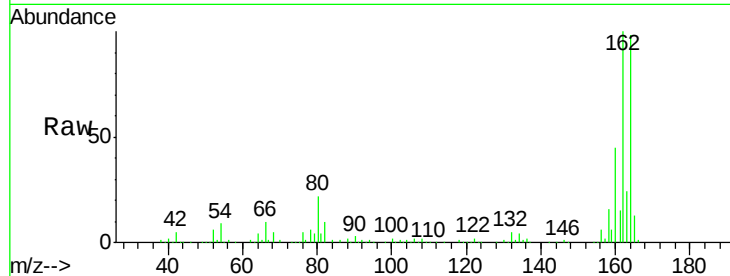




#50
 2,6-Dinitrotoluene
 Concen: 7.93 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.12 min
 Lab File: BF087033.D
 Acq: 14 May 2016 21:37

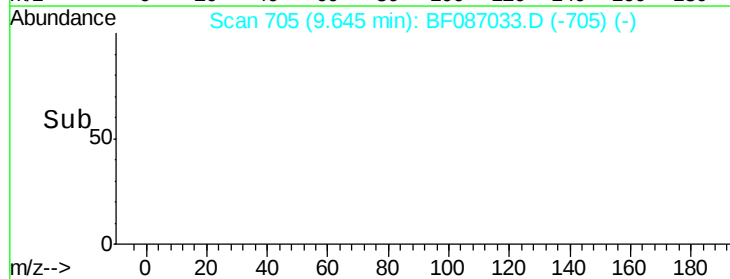
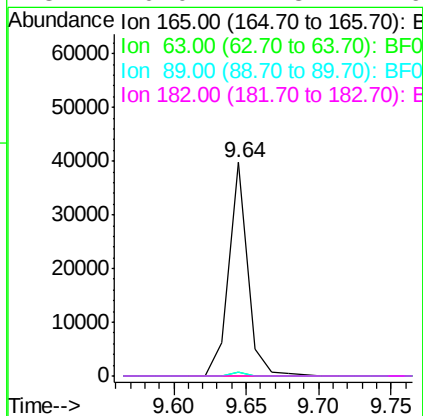
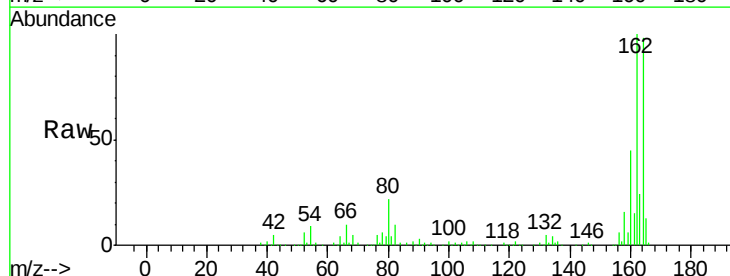
Instrument :
 BNA_F
 ClientSampleId :
 PB90575BL

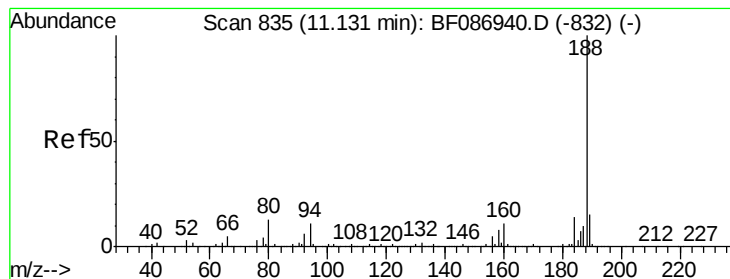
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	51.8	77.8#
89	2.0	50.7	76.1#



#56
 2,4-Dinitrotoluene
 Concen: 6.41 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.29 min
 Lab File: BF087033.D
 Acq: 14 May 2016 21:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.09 min

Lab File: BF087033.D

Acq: 14 May 2016 21:37

Instrument :

BNA_F

ClientSampleId :

PB90575BL

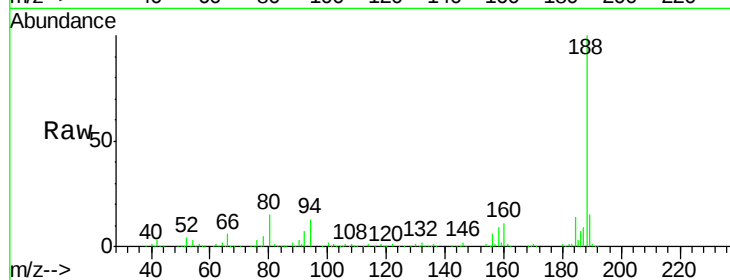
Tgt Ion:188 Resp: 518548

Ion Ratio Lower Upper

188 100

94 13.2 6.8 10.2#

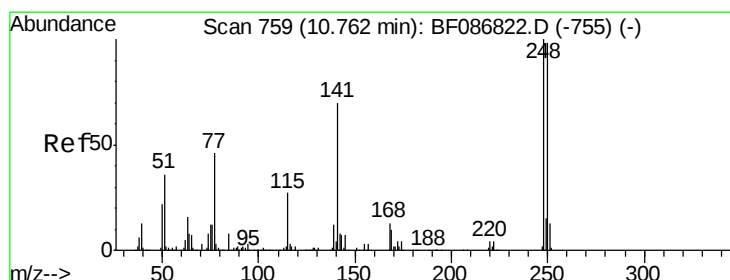
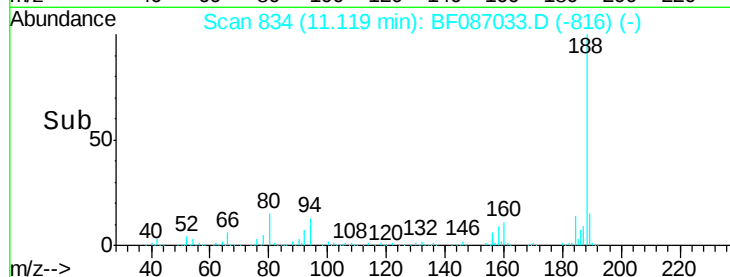
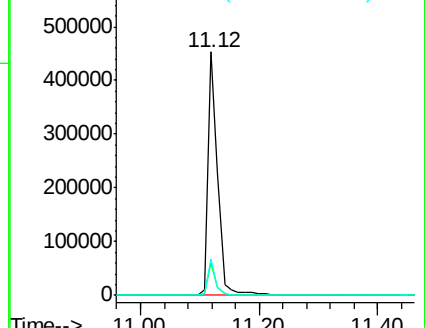
80 14.6 7.1 10.7#



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: 3.21 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.33 min

Lab File: BF087033.D

Acq: 14 May 2016 21:37

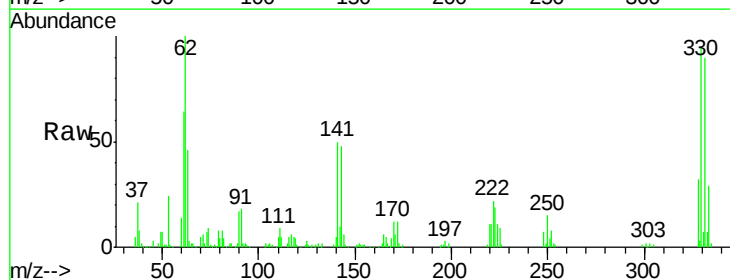
Tgt Ion:248 Resp: 16891

Ion Ratio Lower Upper

248 100

250 207.7 78.6 117.8#

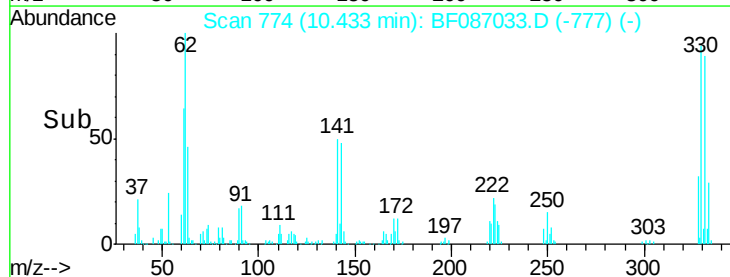
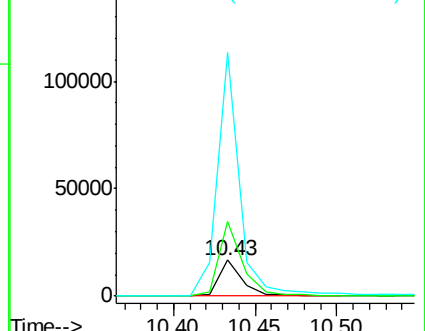
141 681.6 76.0 114.0#

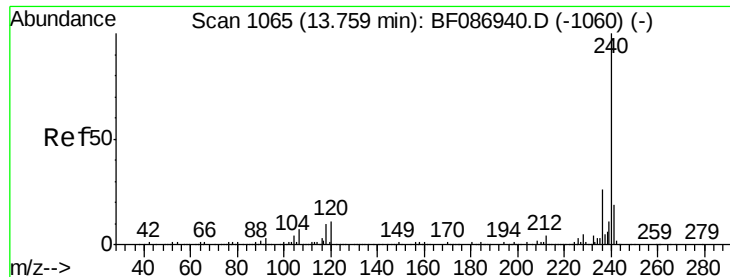


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.09 min

Lab File: BF087033.D

Acq: 14 May 2016 21:37

Instrument :

BNA_F

ClientSampleId :

PB90575BL

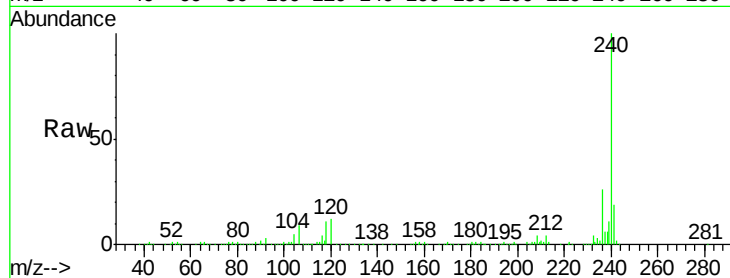
Tgt Ion:240 Resp: 370232

Ion Ratio Lower Upper

240 100

120 12.0 11.2 16.8

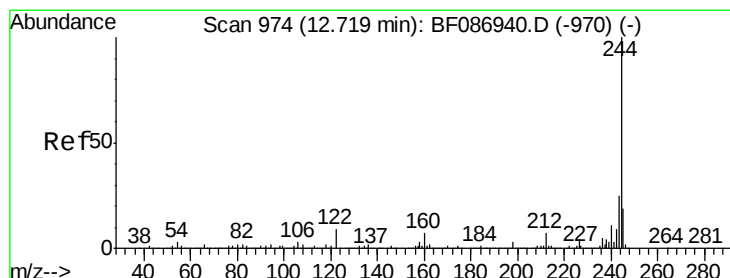
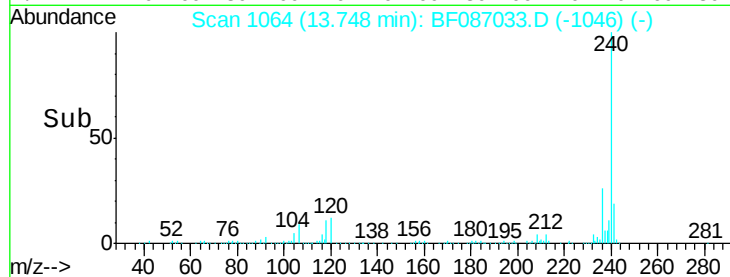
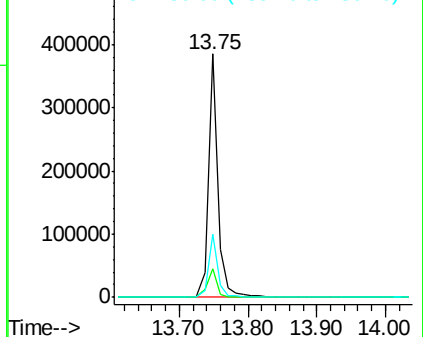
236 26.1 21.2 31.8



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: 67.98 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087033.D

Acq: 14 May 2016 21:37

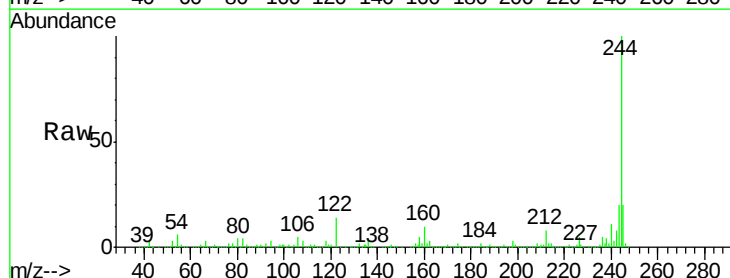
Tgt Ion:244 Resp: 1186143

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

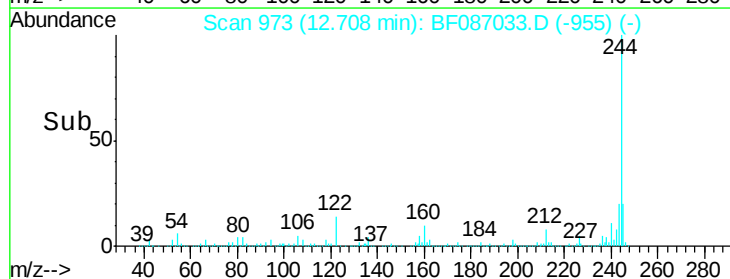
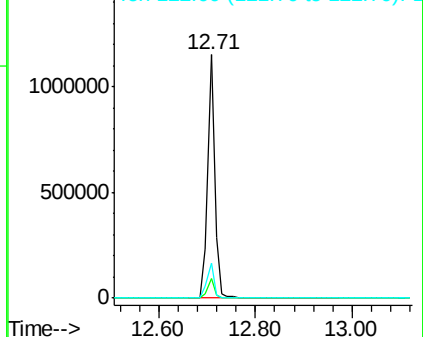
122 14.2 12.0 18.0

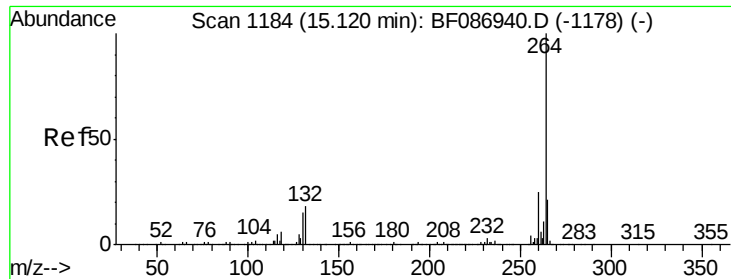


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF087033.D
Acq: 14 May 2016 21:37

Instrument :
BNA_F
ClientSampleId :
PB90575BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	20.9	17.3	25.9

