

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
 Data File : BF086653.D
 Acq On : 3 May 2016 19:19
 Operator : UM/SJ
 Sample : H2685-11 4X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)

Quant Time: May 04 02:32:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

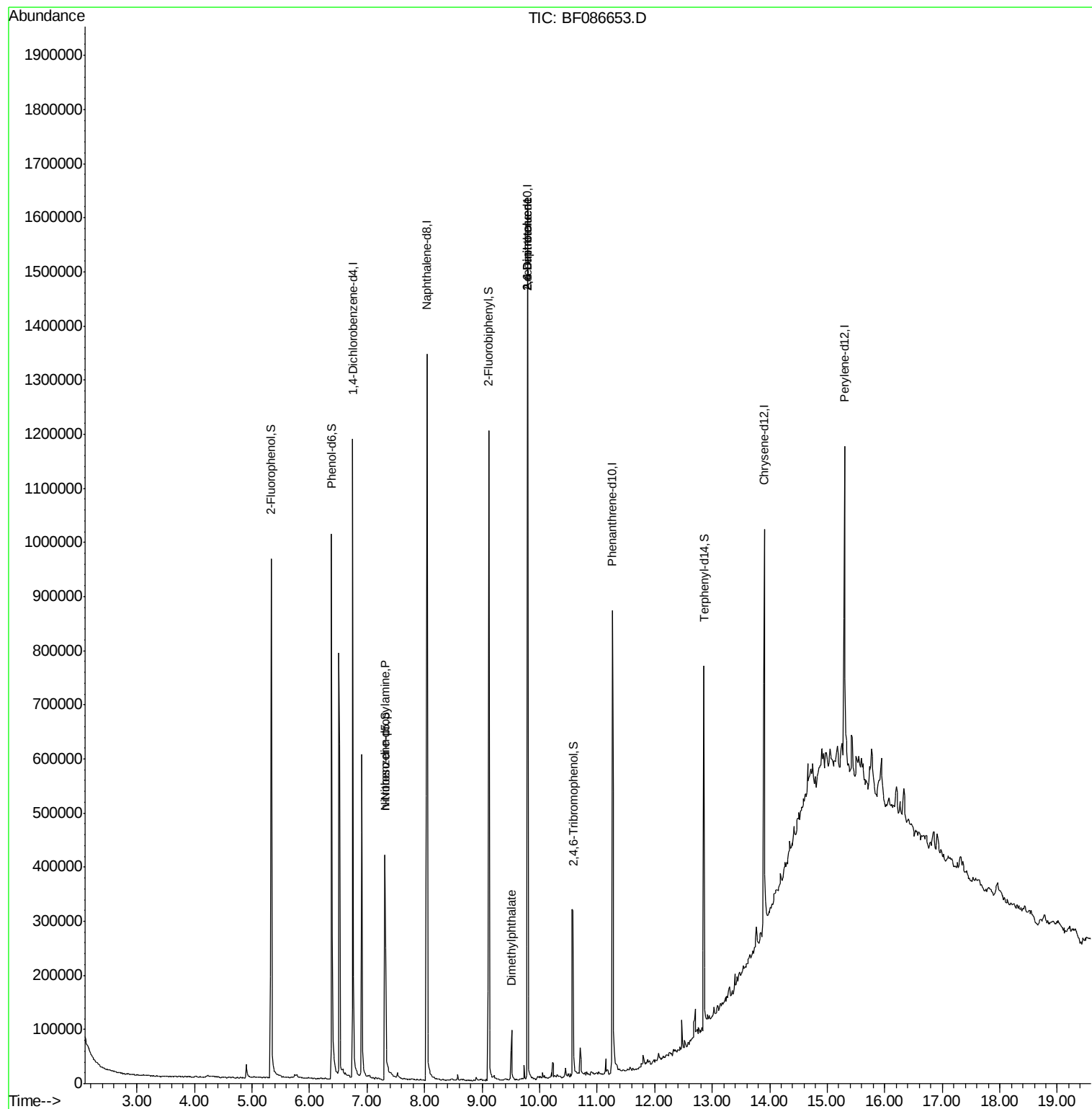
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	168291	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	669940	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	292640	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	412122	20.00	ng	-0.06
75) Chrysene-d12	13.91	240	353199	20.00	ng	-0.06
86) Perylene-d12	15.30	264	286596	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	255234	26.16	ng	-0.06
7) Phenol-d6	6.38	99	353141	25.93	ng	-0.06
23) Nitrobenzene-d5	7.31	82	196355	15.80	ng	-0.07
41) 2,4,6-Tribromophenol	10.58	330	53723	17.41	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	355937	13.71	ng	-0.06
78) Terphenyl-d14	12.85	244	221522	13.82	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	26670	2.96	ng	# 68
49) Dimethylphthalate	9.52	163	44997	2.04	ng	99
50) 2,6-Dinitrotoluene	9.79	165	36819	8.09	ng	# 20
56) 2,4-Dinitrotoluene	9.79	165	36823	6.35	ng	# 16

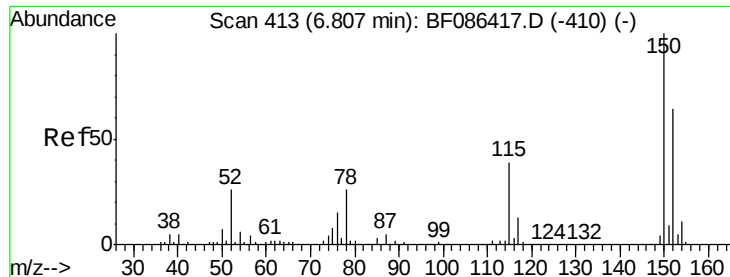
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086653.D
Acq On : 3 May 2016 19:19
Operator : UM/SJ
Sample : H2685-11 4X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)

Quant Time: May 04 02:32:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF086653.D

Acq: 3 May 2016 19:19

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)

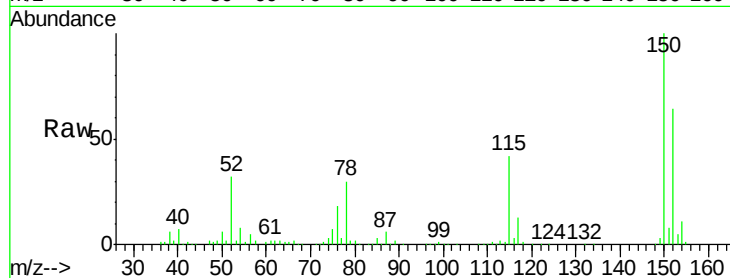
Tgt Ion:152 Resp: 168291

Ion Ratio Lower Upper

152 100

150 156.3 125.8 188.6

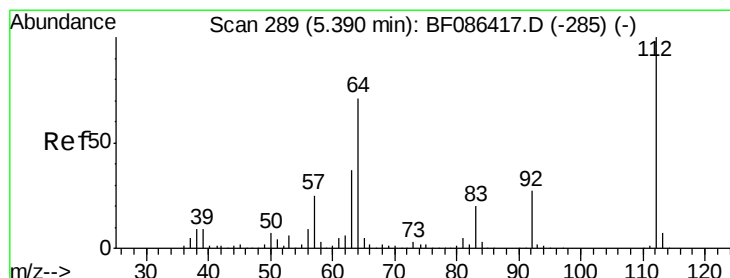
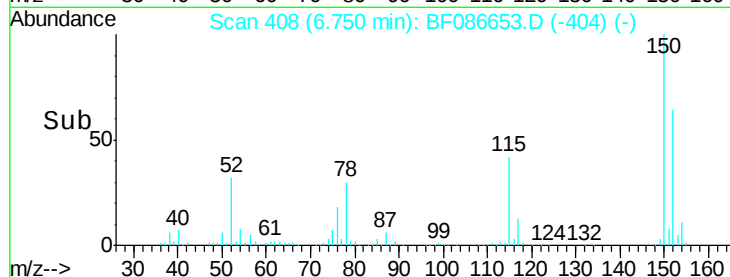
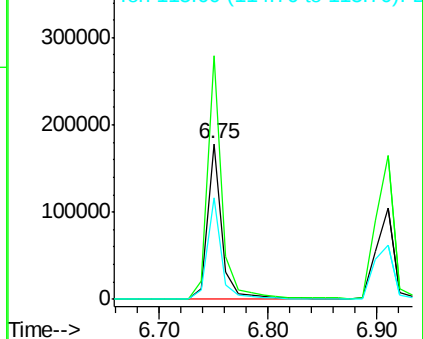
115 64.9 51.5 77.3



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: 26.16 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.06 min

Lab File: BF086653.D

Acq: 3 May 2016 19:19

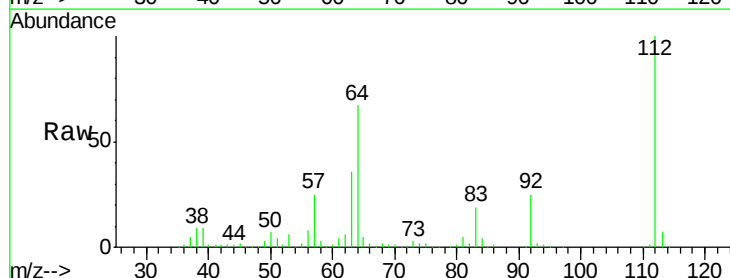
Tgt Ion:112 Resp: 255234

Ion Ratio Lower Upper

112 100

64 67.4 52.1 78.1

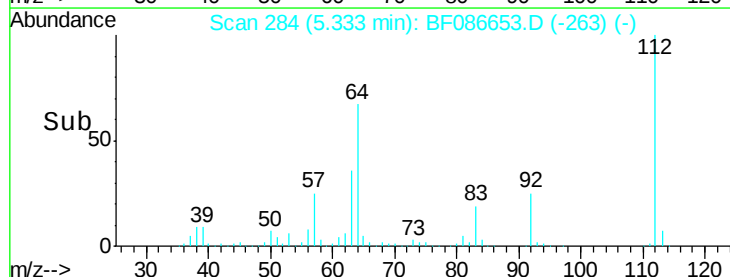
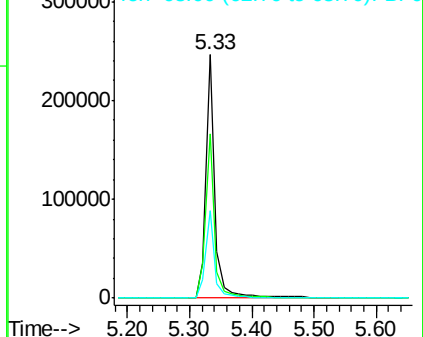
63 35.8 25.7 38.5

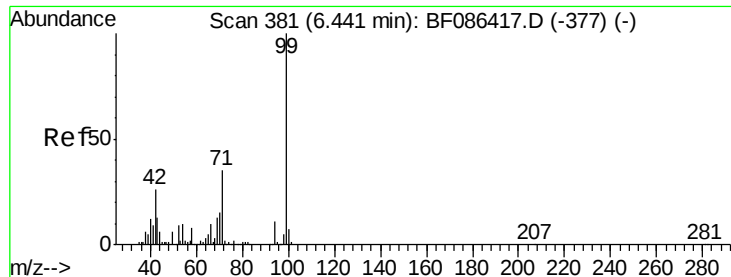


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.93 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF086653.D

Acq: 3 May 2016 19:19

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)

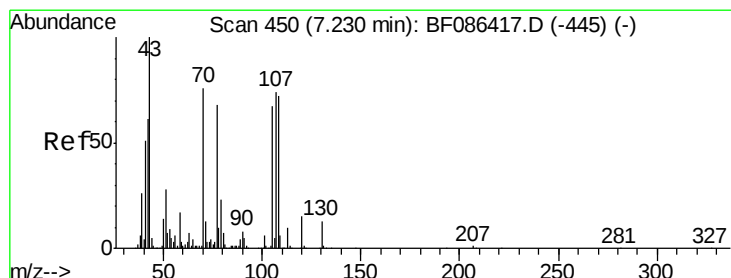
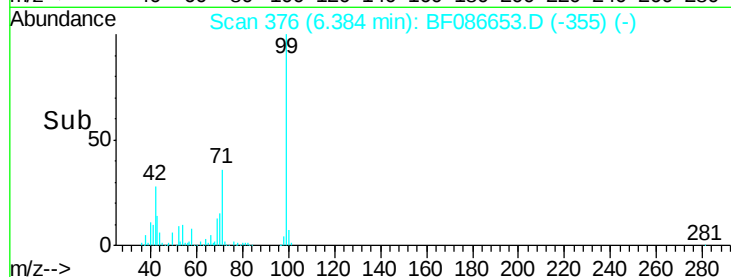
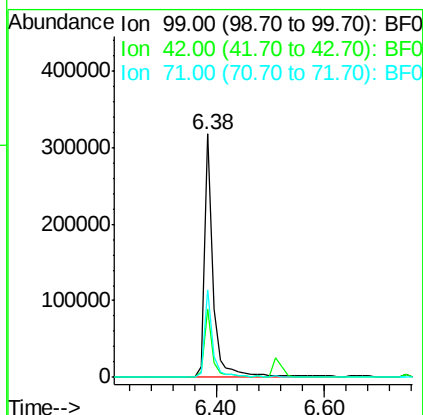
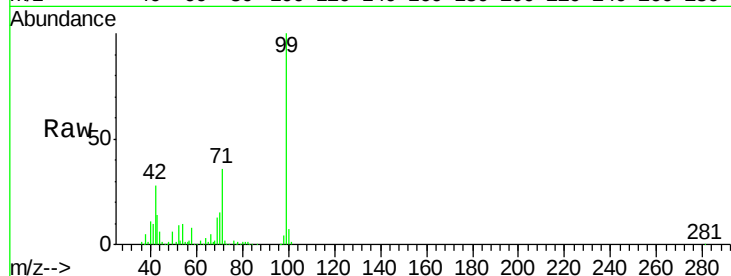
Tgt Ion: 99 Resp: 353141

Ion Ratio Lower Upper

99 100

42 28.2 13.6 20.4#

71 35.7 24.6 36.8



#19

n-Nitroso-di-n-propylamine

Concen: 2.96 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.08 min

Lab File: BF086653.D

Acq: 3 May 2016 19:19

Tgt Ion: 70 Resp: 26670

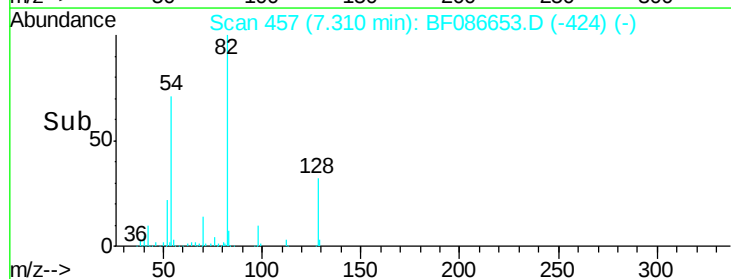
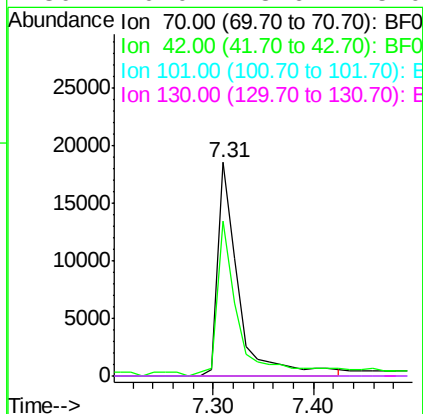
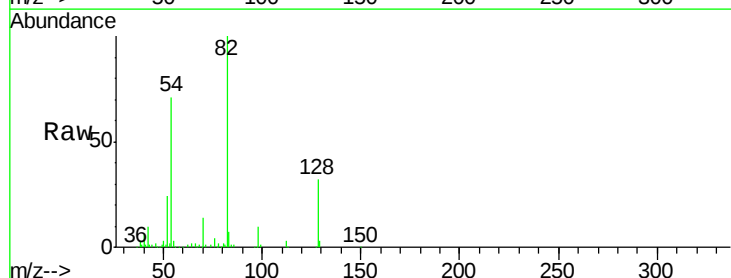
Ion Ratio Lower Upper

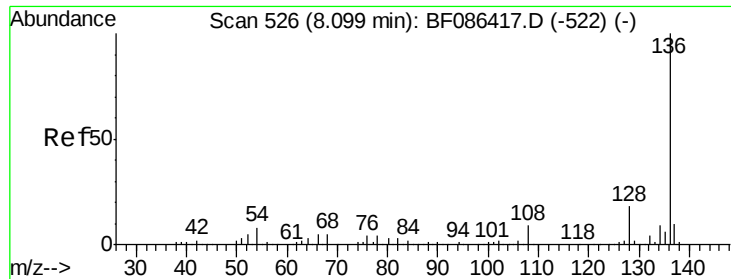
70 100

42 72.8 43.1 64.7#

101 0.0 8.1 12.1#

130 0.0 18.6 28.0#

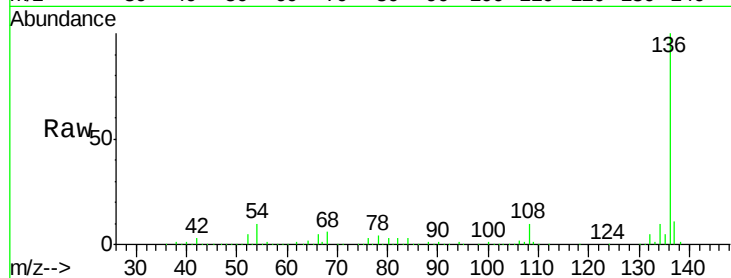




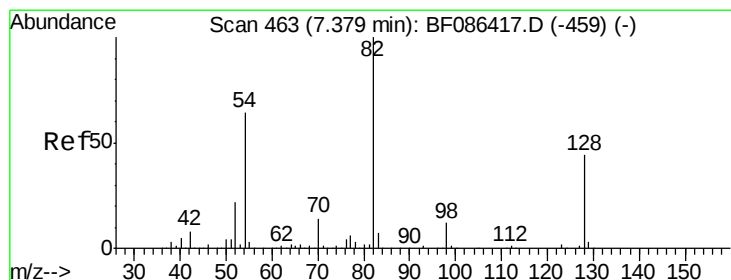
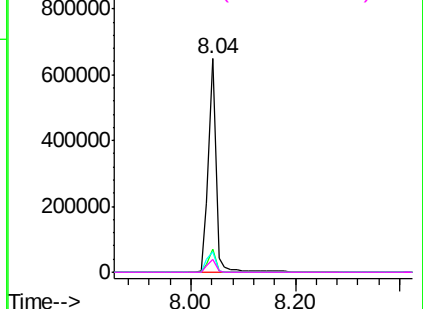
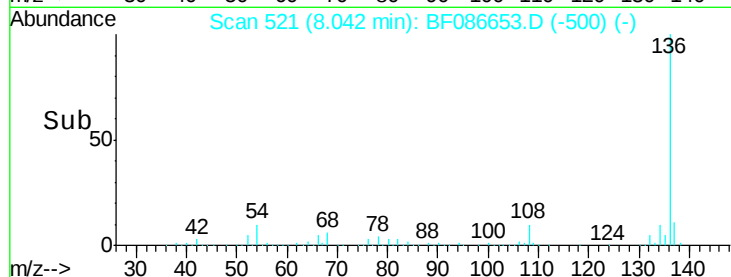
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086653.D
Acq: 3 May 2016 19:19

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)

Tgt Ion:	136	Resp:	669940
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.6	5.0	7.4#
68	5.8	4.4	6.6

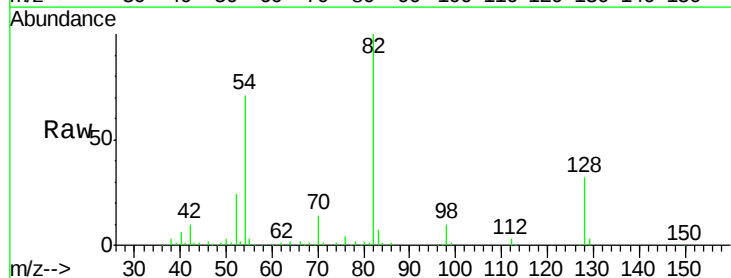


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

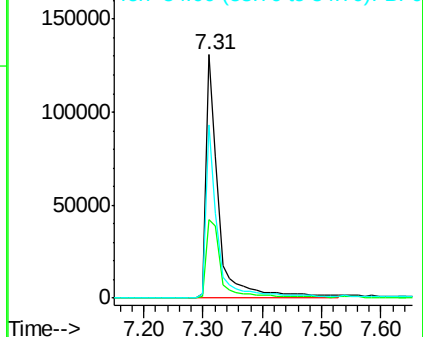
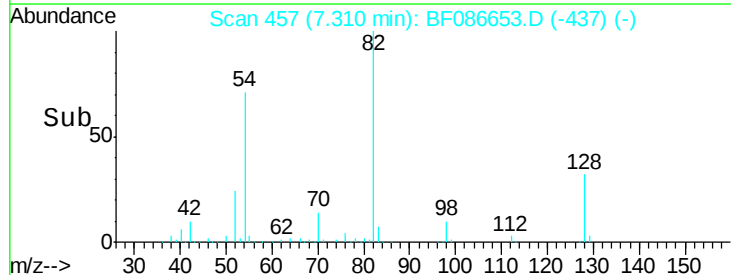


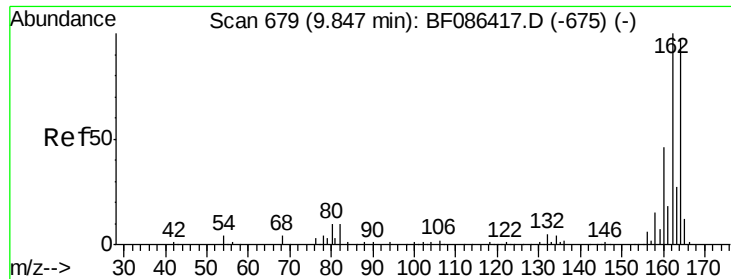
#23
Nitrobenzene-d5
Concen: 15.80 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF086653.D
Acq: 3 May 2016 19:19

Tgt Ion:	82	Resp:	196355
Ion Ratio	Lower	Upper	
82	100		
128	32.3	40.6	61.0#
54	71.1	38.1	57.1#



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

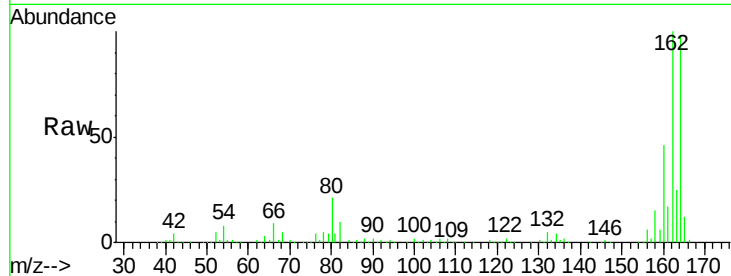




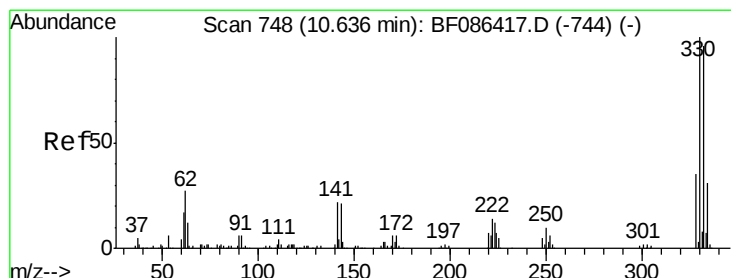
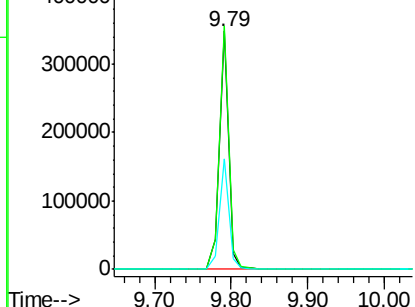
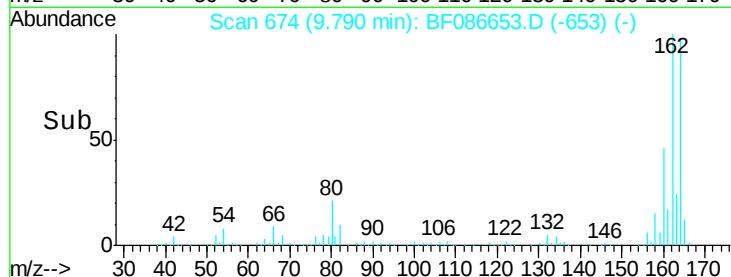
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086653.D
 Acq: 3 May 2016 19:19

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)

Tgt Ion:164 Resp: 292640
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.8 124.2
 160 46.6 36.9 55.3

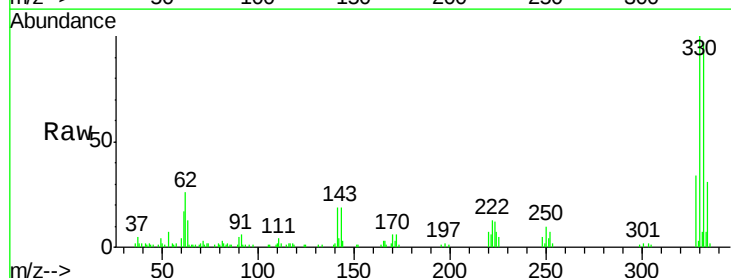


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

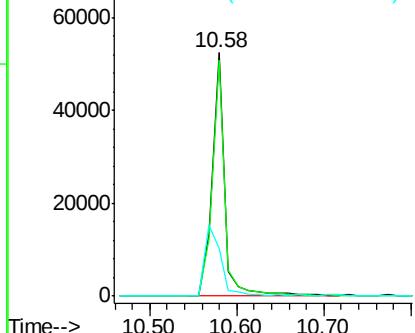
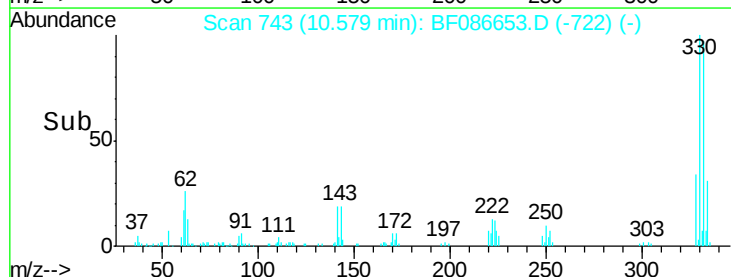


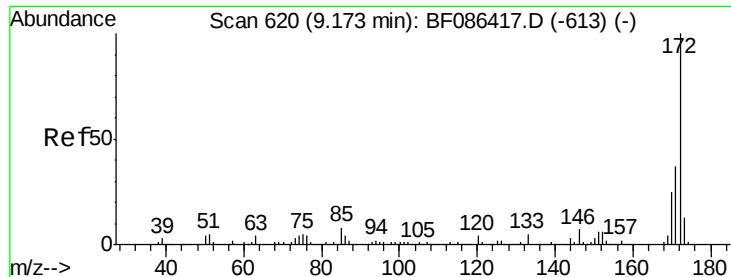
#41
 2,4,6-Tribromophenol
 Concen: 17.41 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086653.D
 Acq: 3 May 2016 19:19

Tgt Ion:330 Resp: 53723
 Ion Ratio Lower Upper
 330 100
 332 96.2 79.0 118.4
 141 36.4 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

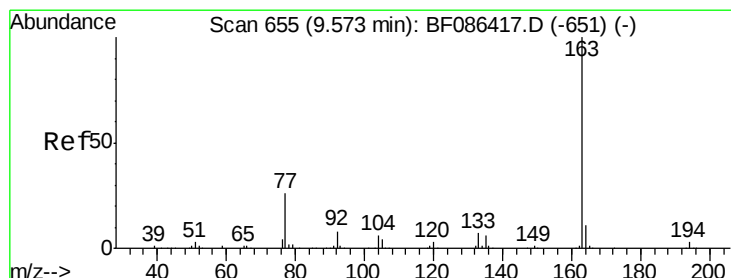
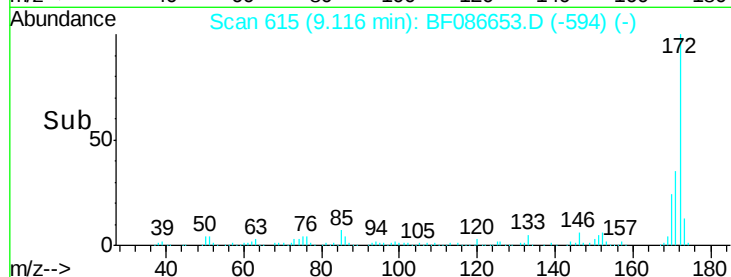
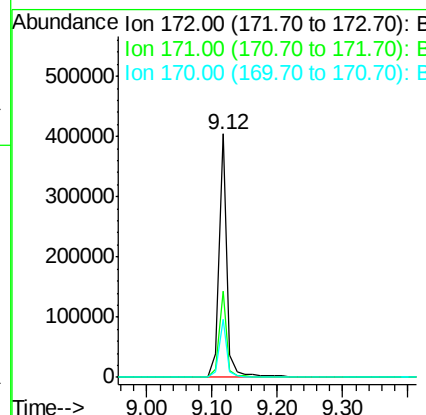
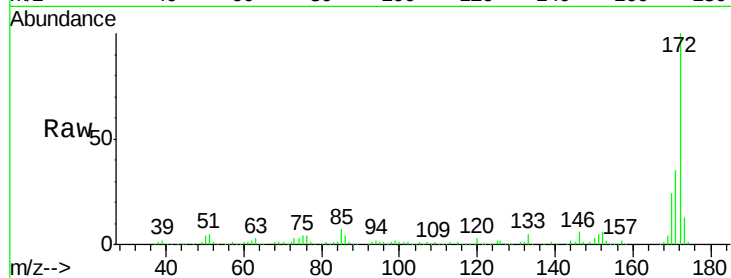




#44
 2-Fluorobiphenyl
 Concen: 13.71 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086653.D
 Acq: 3 May 2016 19:19

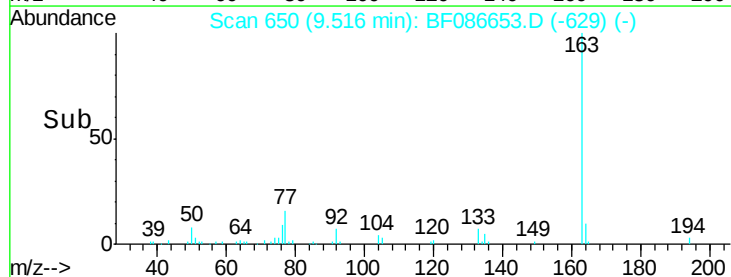
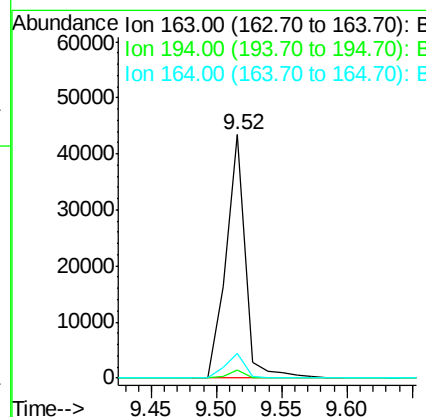
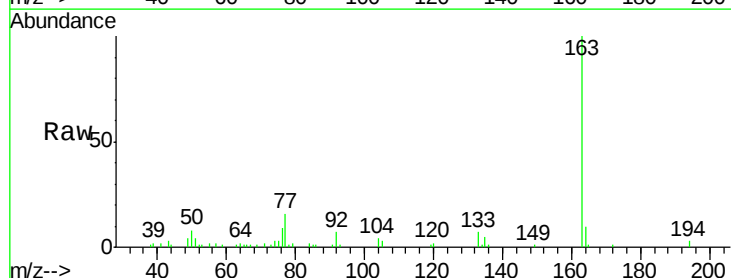
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)

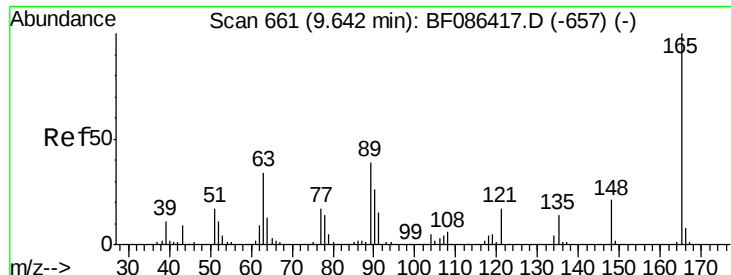
Tgt Ion:172 Resp: 355937
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 23.6 19.8 29.8



#49
 Dimethylphthalate
 Concen: 2.04 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.06 min
 Lab File: BF086653.D
 Acq: 3 May 2016 19:19

Tgt Ion:163 Resp: 44997
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.0 8.2 12.4

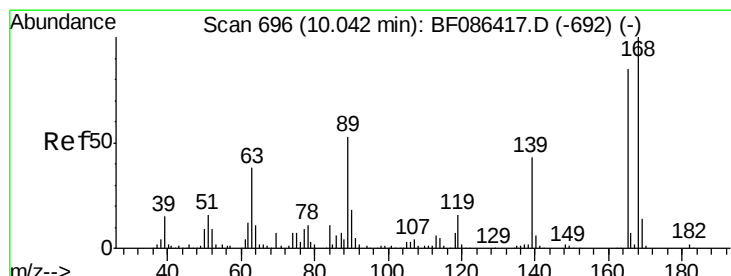
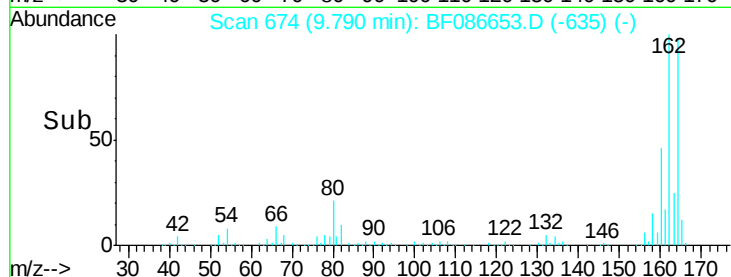
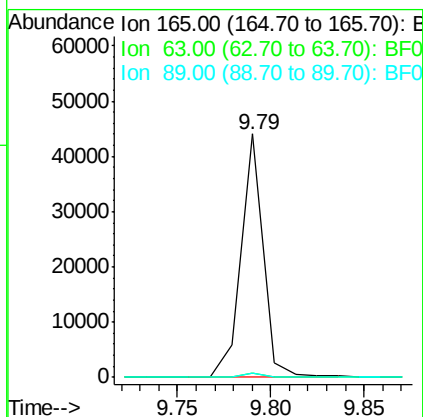
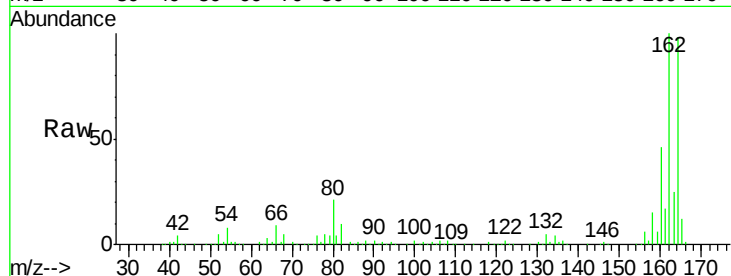




#50
 2,6-Dinitrotoluene
 Concen: 8.09 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.15 min
 Lab File: BF086653.D
 Acq: 3 May 2016 19:19

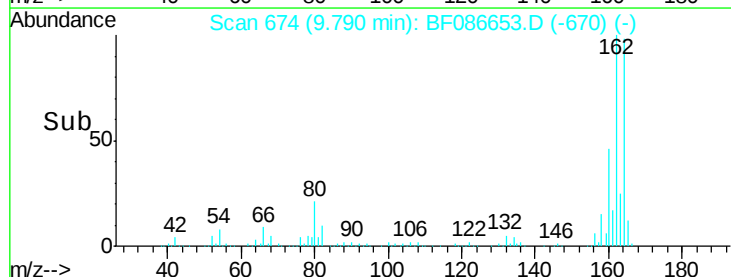
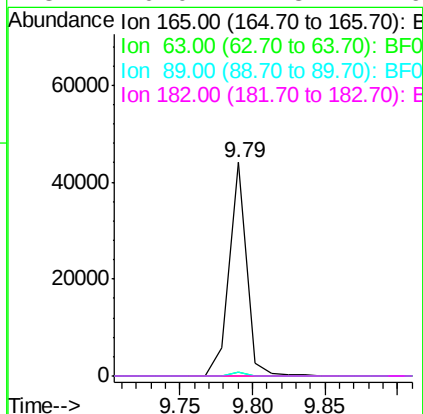
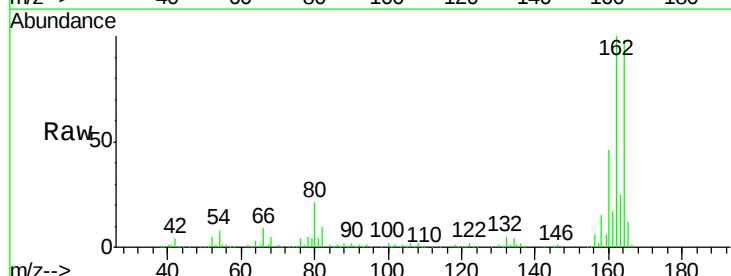
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)

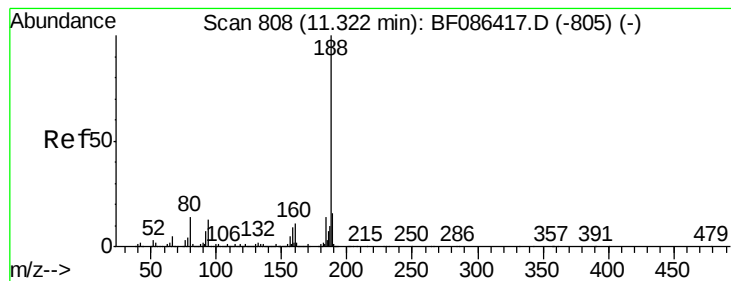
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	51.8	77.8#
89	1.7	50.7	76.1#



#56
 2,4-Dinitrotoluene
 Concen: 6.35 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.25 min
 Lab File: BF086653.D
 Acq: 3 May 2016 19:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.3	66.5#
89	1.7	70.0	105.0#
182	0.0	1.8	2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.06 min

Lab File: BF086653.D

Acq: 3 May 2016 19:19

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)

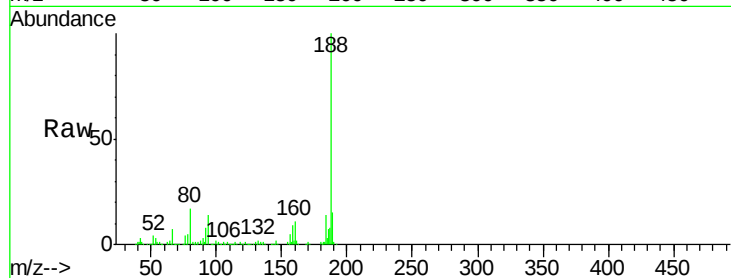
Tgt Ion:188 Resp: 412122

Ion Ratio Lower Upper

188 100

94 14.4 6.8 10.2#

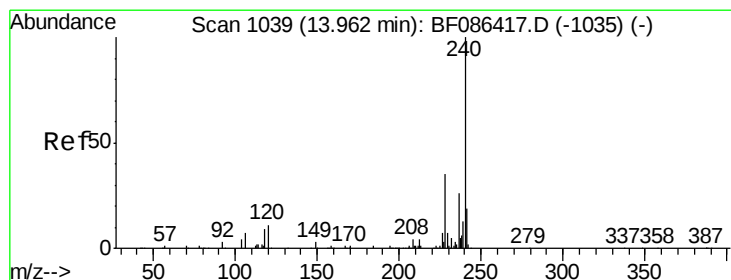
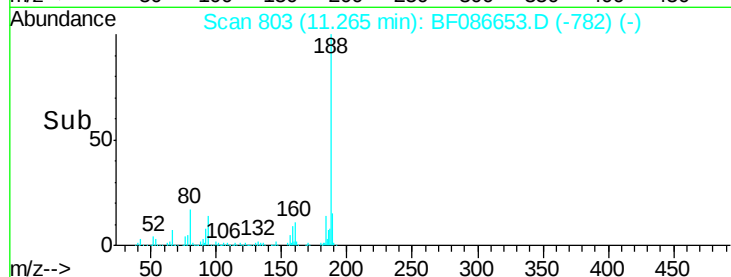
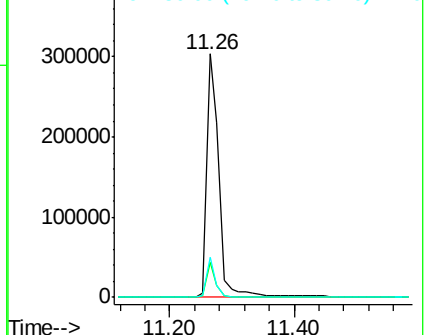
80 16.7 7.1 10.7#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086653.D

Acq: 3 May 2016 19:19

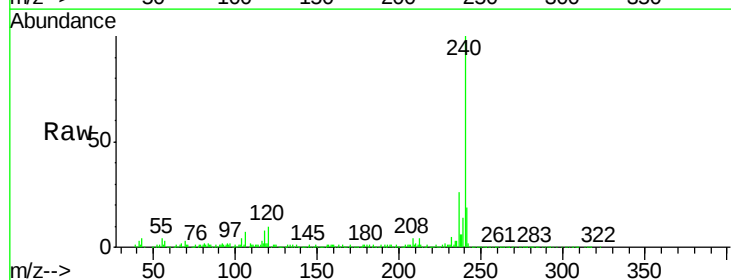
Tgt Ion:240 Resp: 353199

Ion Ratio Lower Upper

240 100

120 9.7 11.2 16.8#

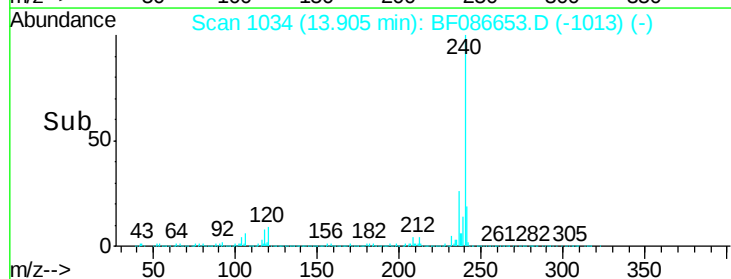
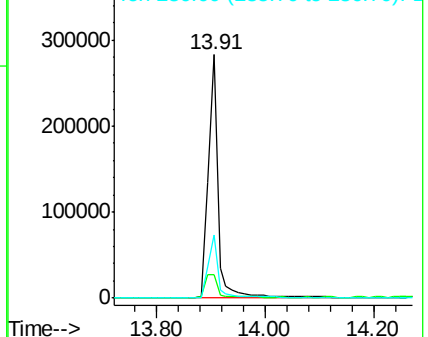
236 26.1 21.2 31.8

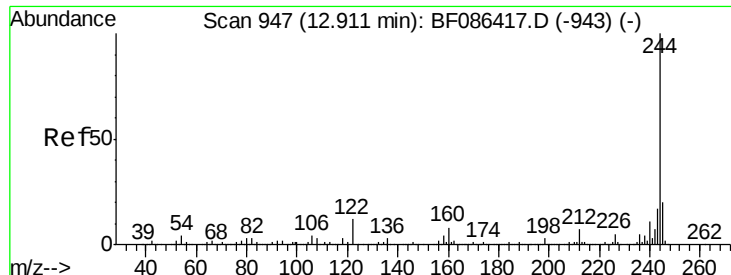


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

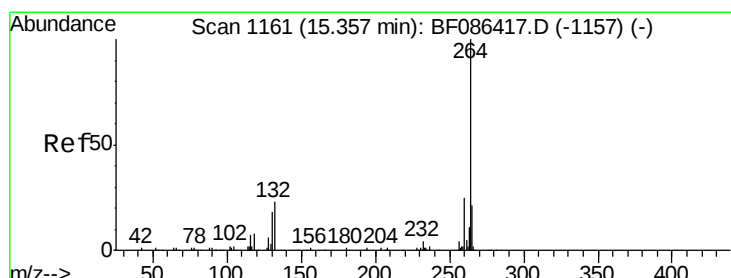
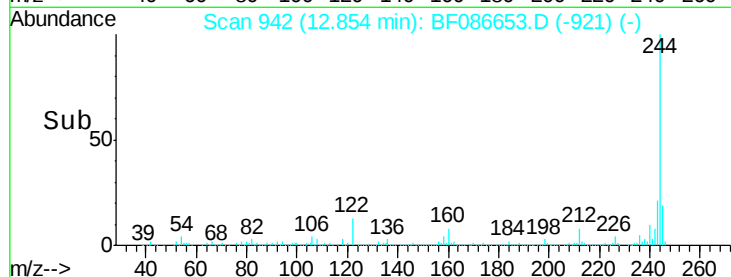
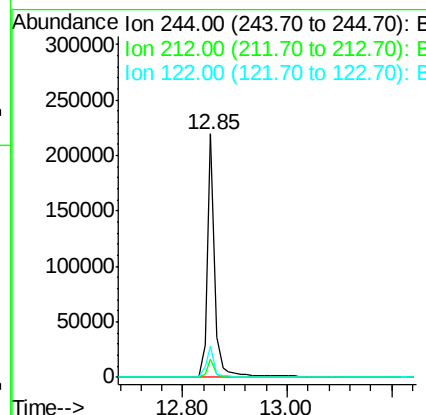
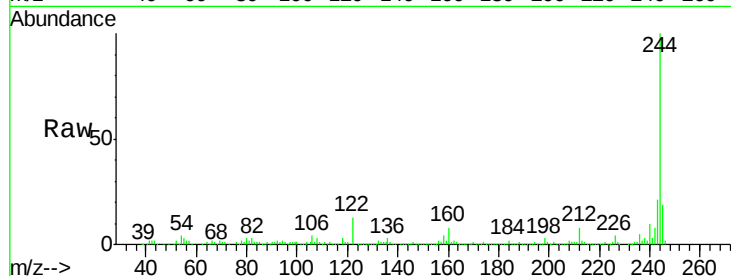




#78
 Terphenyl-d14
 Concen: 13.82 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.06 min
 Lab File: BF086653.D
 Acq: 3 May 2016 19:19

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)

Tgt Ion: 244 Resp: 221522
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 12.6 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.06 min
 Lab File: BF086653.D
 Acq: 3 May 2016 19:19

Tgt Ion: 264 Resp: 286596
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 22.0 17.3 25.9

