

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
 Data File : BF086663.D
 Acq On : 4 May 2016 1:23
 Operator : UM/SJ
 Sample : H2716-16RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-5(12-25FTBGS)RE

Quant Time: May 04 02:35:02 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

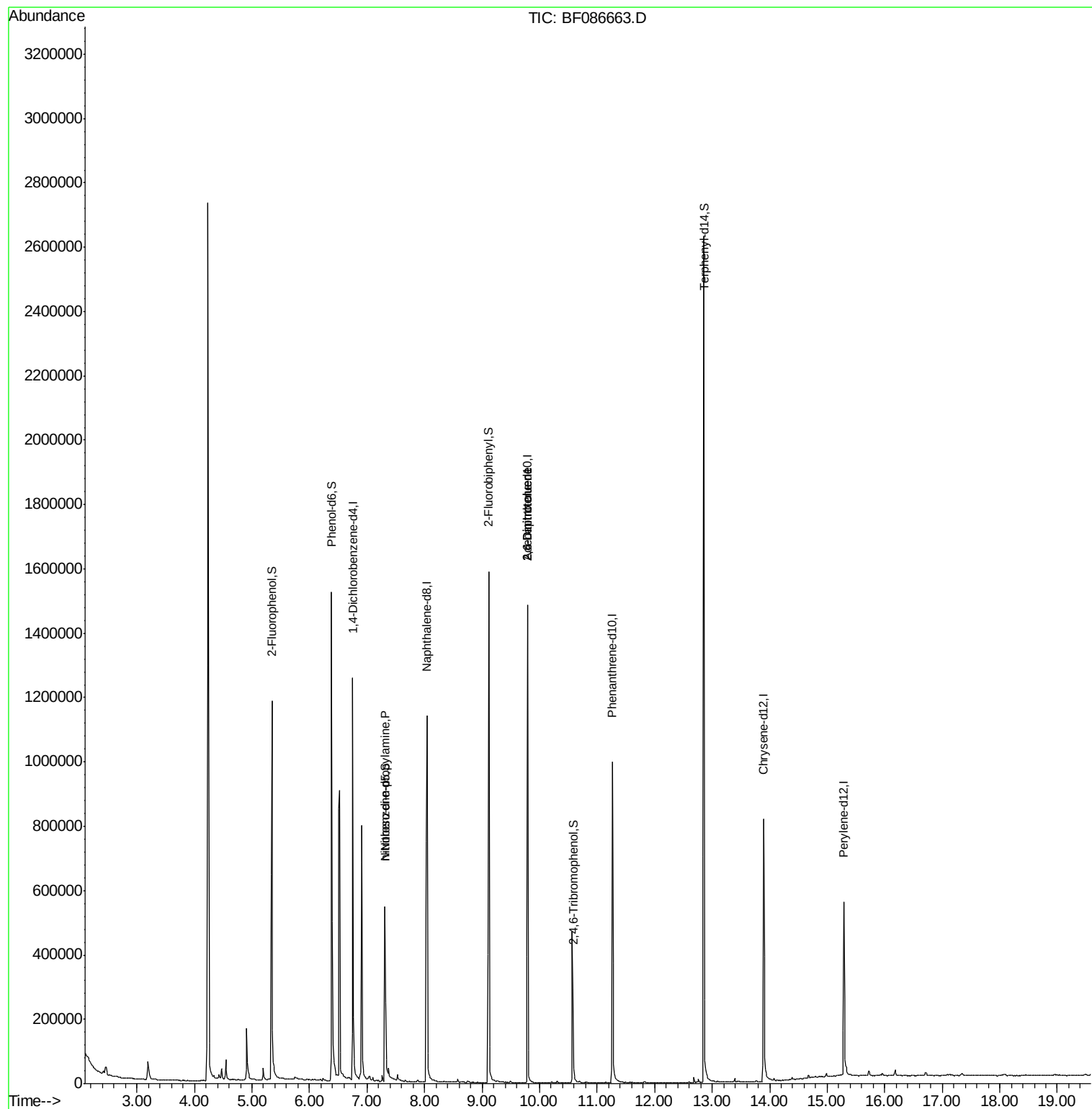
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	177650	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	688662	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	285974	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	426144	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	355731	20.00	ng	-0.07
86) Perylene-d12	15.29	264	247760	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	386482	37.53	ng	-0.04
7) Phenol-d6	6.38	99	520211	36.19	ng	-0.06
23) Nitrobenzene-d5	7.31	82	237630	18.60	ng	-0.07
41) 2,4,6-Tribromophenol	10.58	330	70289	23.31	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	518405	24.28	ng	-0.06
78) Terphenyl-d14	12.85	244	830372	51.43	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	30765	3.24	ng	# 70
50) 2,6-Dinitrotoluene	9.79	165	35616	8.01	ng	# 20
56) 2,4-Dinitrotoluene	9.79	165	35617	6.28	ng	# 16

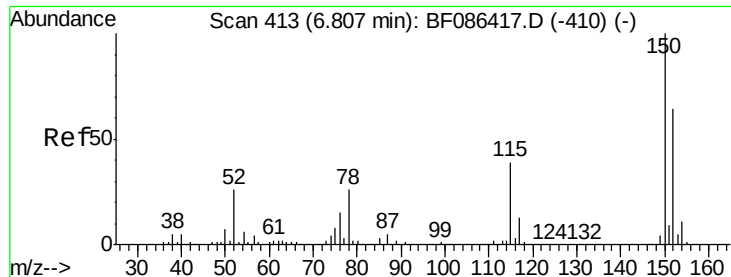
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF086663.D

Acq: 4 May 2016 1:23

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-5(12-25FTBGS)RE

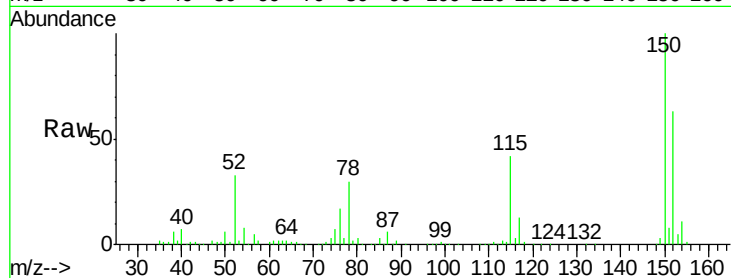
Tgt Ion:152 Resp: 177650

Ion Ratio Lower Upper

152 100

150 158.9 125.8 188.6

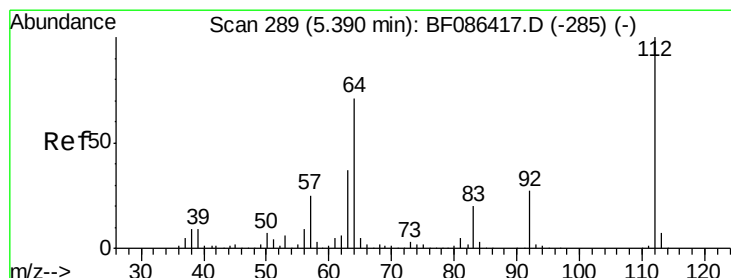
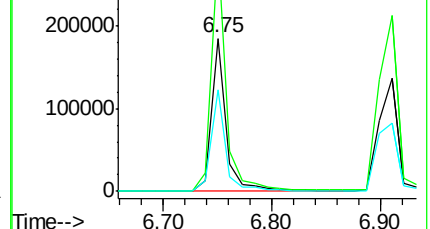
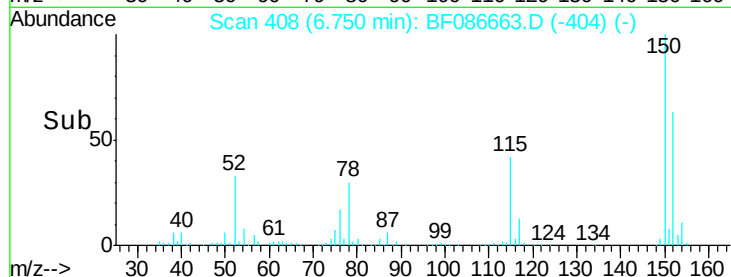
115 66.2 51.5 77.3



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: 37.53 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.04 min

Lab File: BF086663.D

Acq: 4 May 2016 1:23

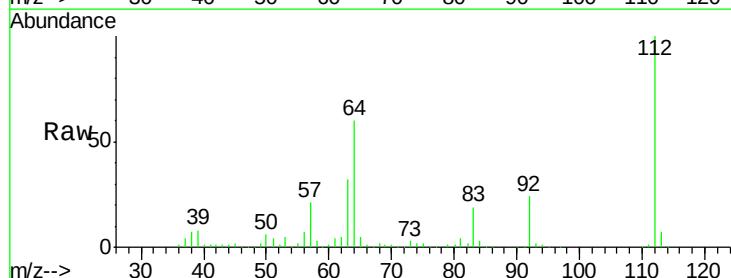
Tgt Ion:112 Resp: 386482

Ion Ratio Lower Upper

112 100

64 60.4 52.1 78.1

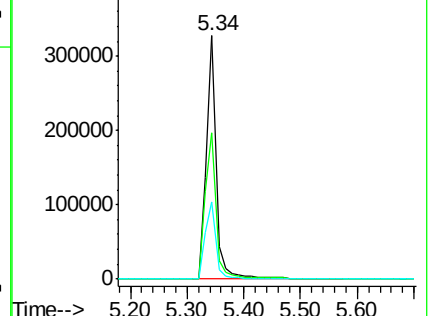
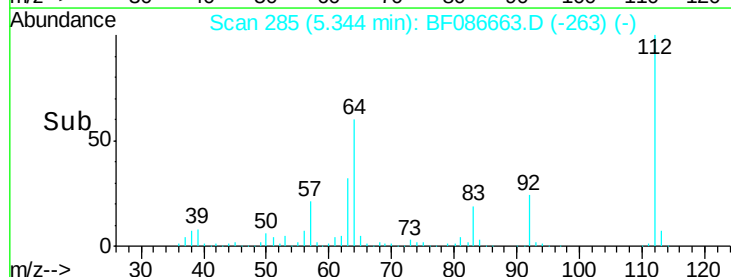
63 31.5 25.7 38.5

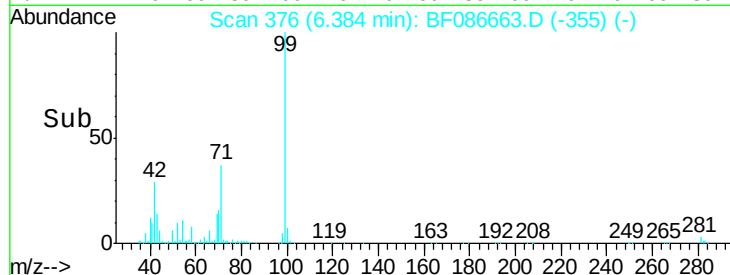
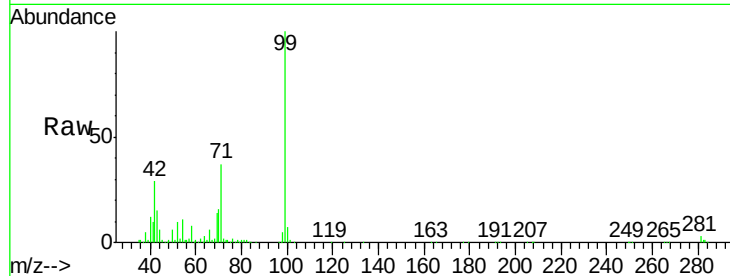
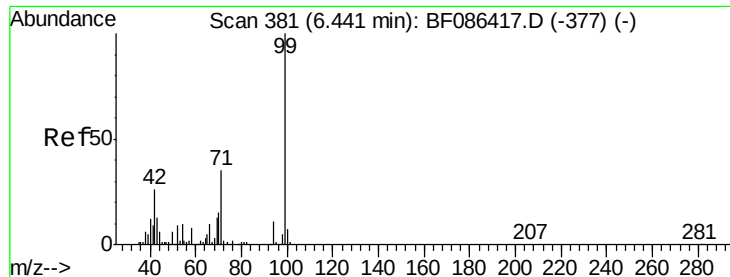


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.19 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF086663.D

Acq: 4 May 2016 1:23

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-5(12-25FTBGS)RE

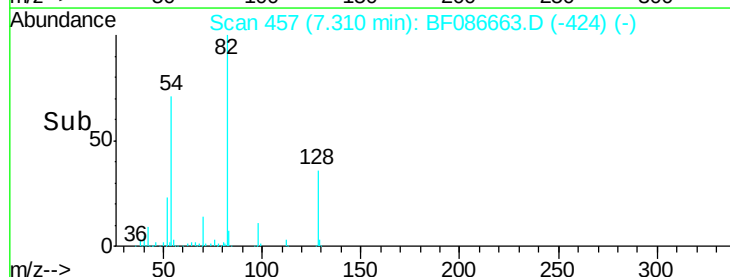
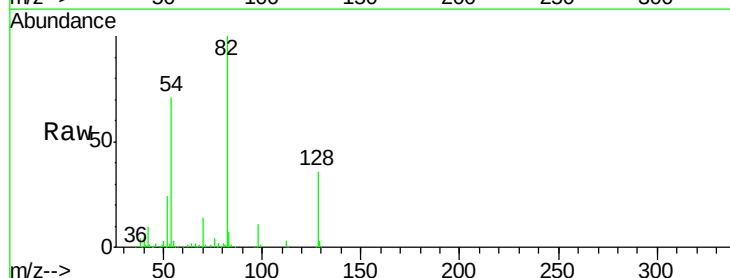
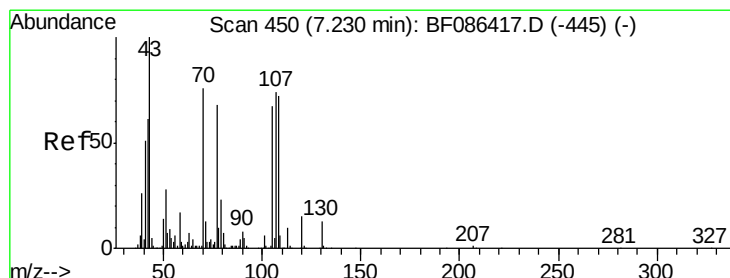
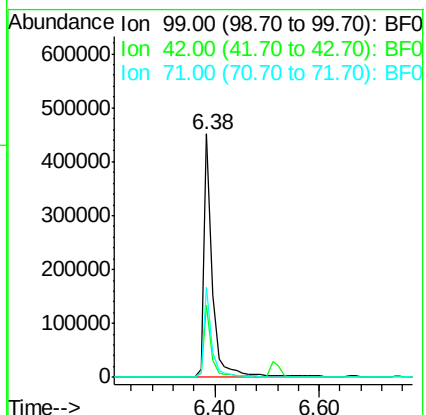
Tgt Ion: 99 Resp: 520211

Ion Ratio Lower Upper

99 100

42 29.5 13.6 20.4#

71 36.8 24.6 36.8



#19

n-Nitroso-di-n-propylamine

Concen: 3.24 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.08 min

Lab File: BF086663.D

Acq: 4 May 2016 1:23

Tgt Ion: 70 Resp: 30765

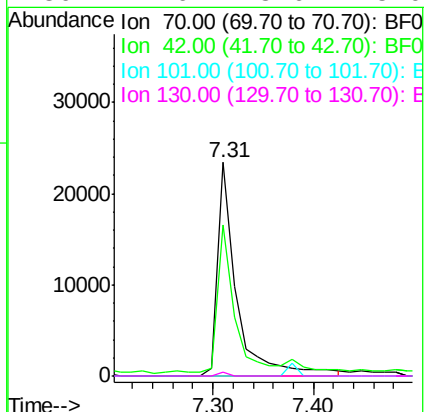
Ion Ratio Lower Upper

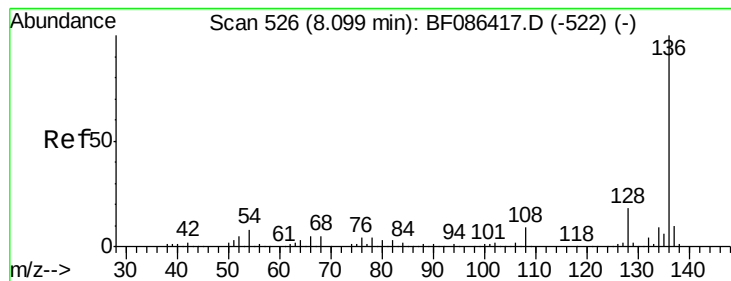
70 100

42 70.7 43.1 64.7#

101 0.0 8.1 12.1#

130 1.6 18.6 28.0#

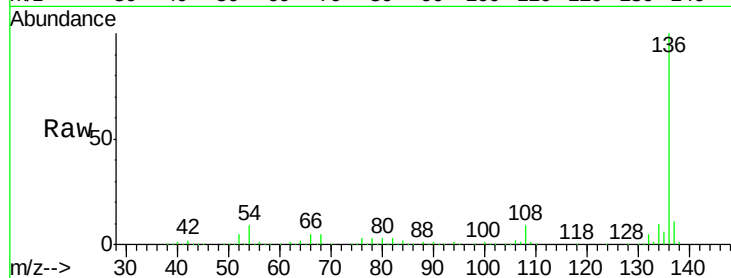




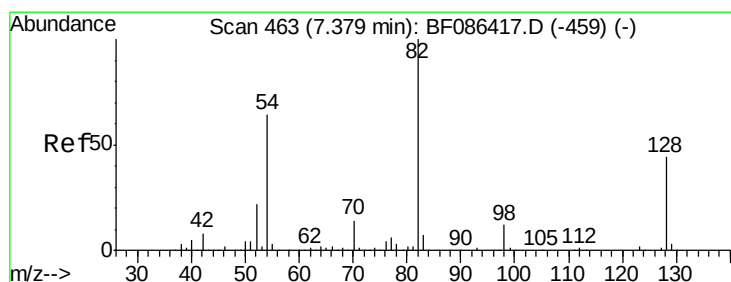
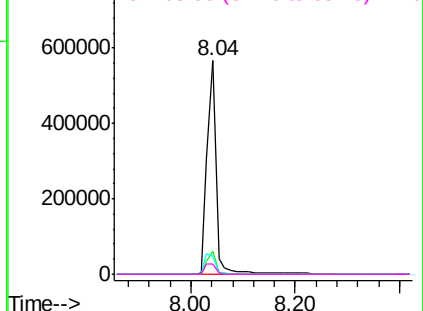
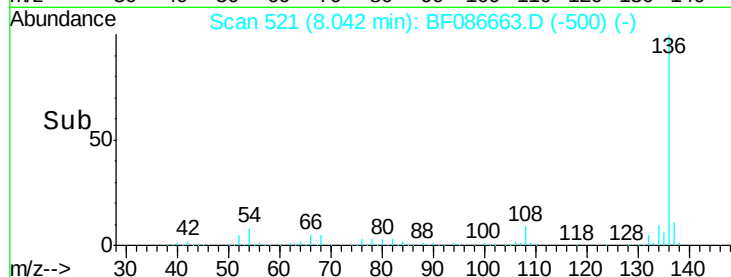
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086663.D
Acq: 4 May 2016 1:23

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-5(12-25FTBGS)RE

Tgt Ion: 136 Resp: 688662
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.6 5.0 7.4#
68 5.0 4.4 6.6

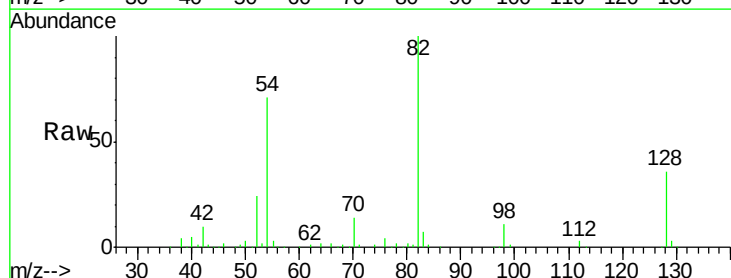


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

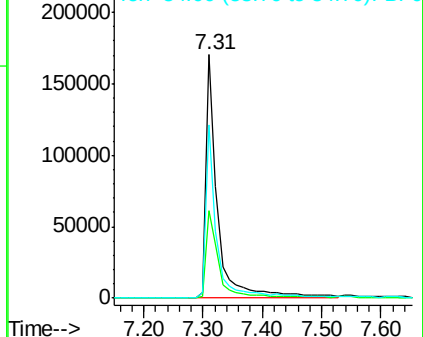
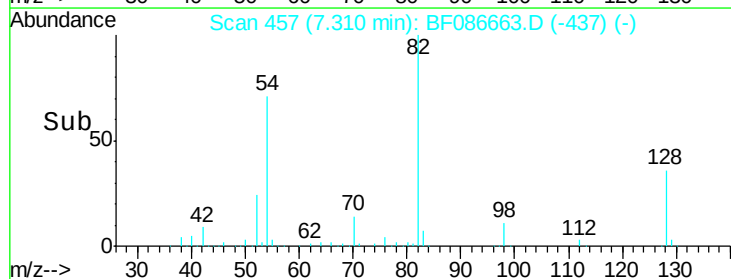


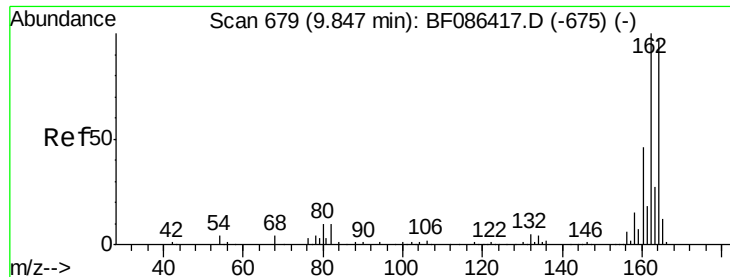
#23
Nitrobenzene-d5
Concen: 18.60 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF086663.D
Acq: 4 May 2016 1:23

Tgt Ion: 82 Resp: 237630
Ion Ratio Lower Upper
82 100
128 35.8 40.6 61.0#
54 71.0 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

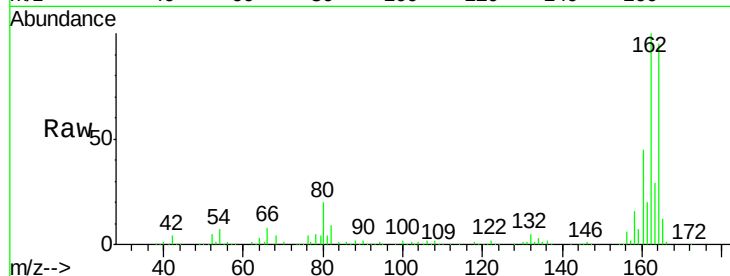




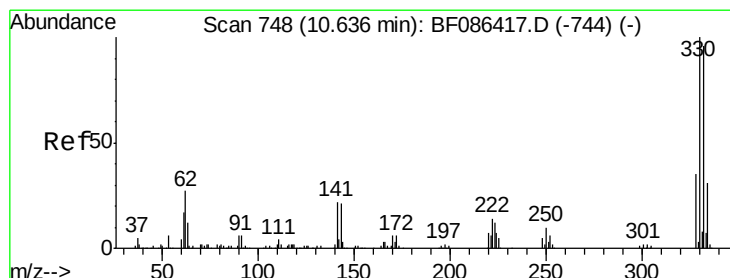
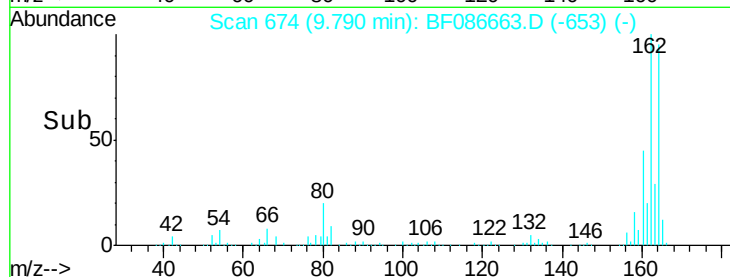
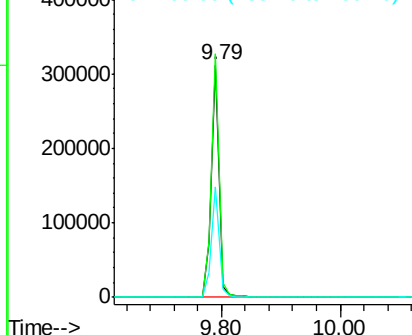
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086663.D
 Acq: 4 May 2016 1:23

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-5(12-25FTBGS)RE

Tgt Ion:164 Resp: 285974
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.8 124.2
 160 47.5 36.9 55.3

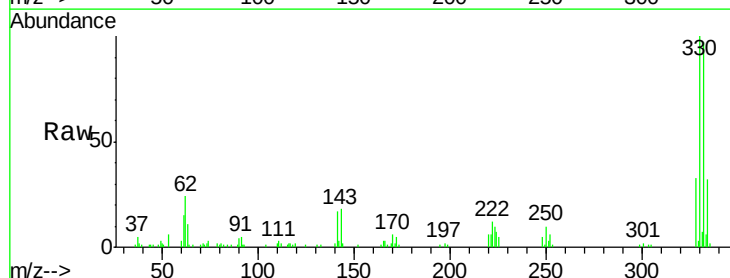


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

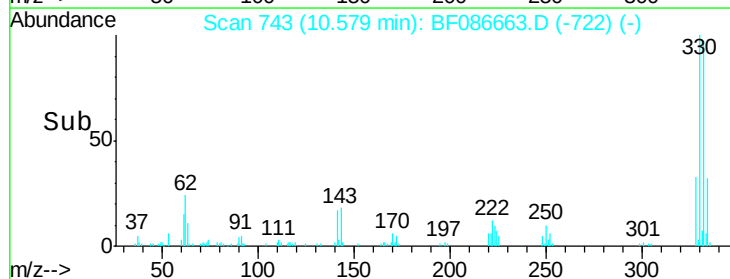
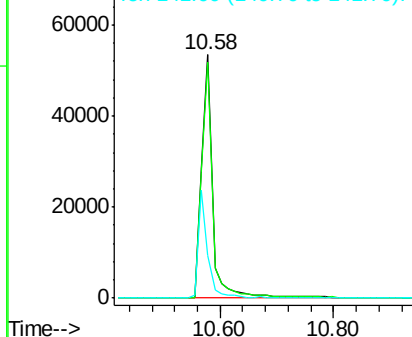


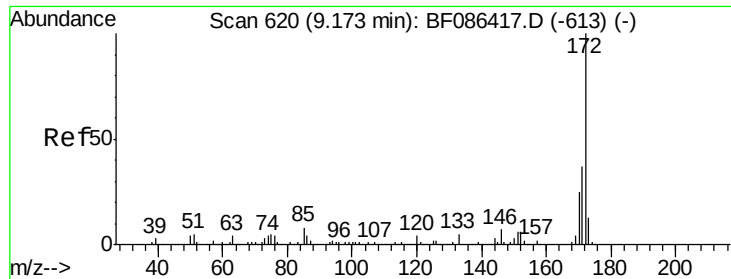
#41
 2,4,6-Tribromophenol
 Concen: 23.31 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086663.D
 Acq: 4 May 2016 1:23

Tgt Ion:330 Resp: 70289
 Ion Ratio Lower Upper
 330 100
 332 95.7 79.0 118.4
 141 37.1 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

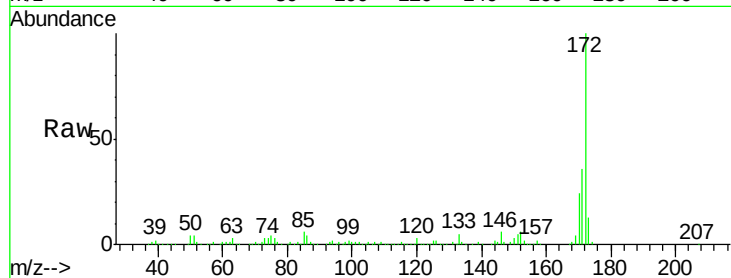




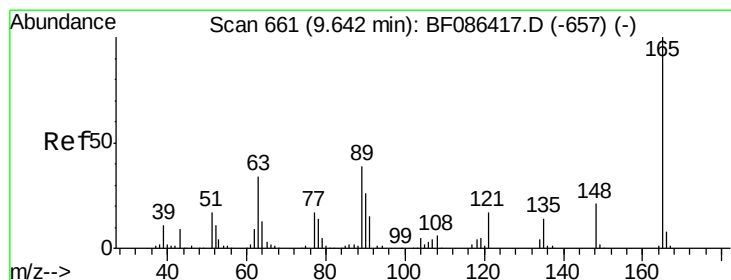
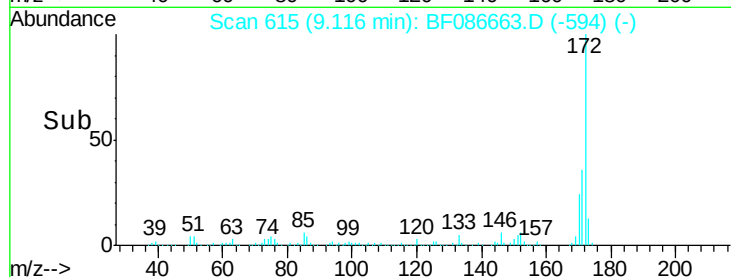
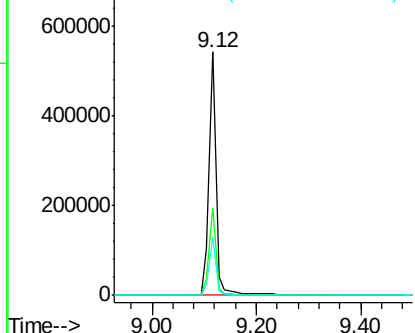
#44
 2-Fluorobiphenyl
 Concen: 24.28 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086663.D
 Acq: 4 May 2016 1:23

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-5(12-25FTBGS)RE

Tgt Ion:172 Resp: 518405
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 23.9 19.8 29.8

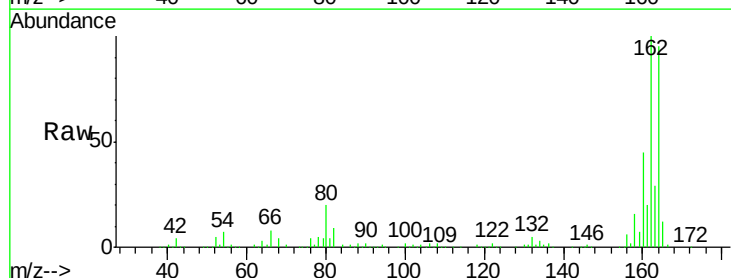


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

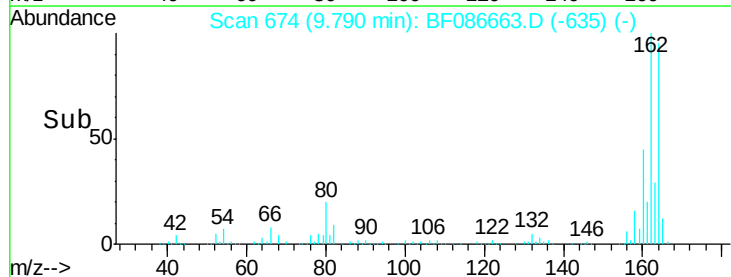
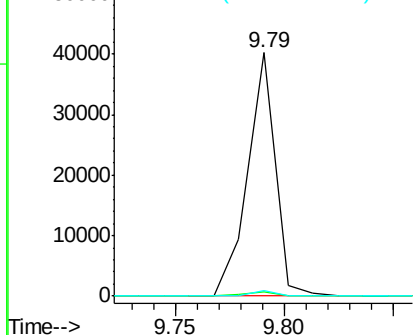


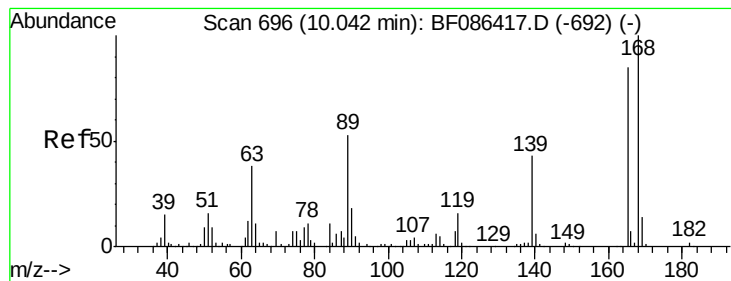
#50
 2,6-Dinitrotoluene
 Concen: 8.01 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.15 min
 Lab File: BF086663.D
 Acq: 4 May 2016 1:23

Tgt Ion:165 Resp: 35616
 Ion Ratio Lower Upper
 165 100
 63 1.6 51.8 77.8#
 89 2.1 50.7 76.1#



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

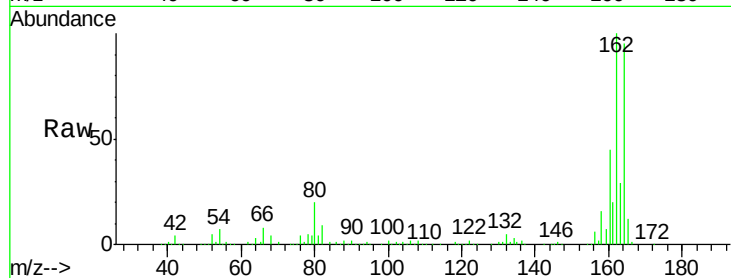




#56
 2,4-Dinitrotoluene
 Concen: 6.28 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.25 min
 Lab File: BF086663.D
 Acq: 4 May 2016 1:23

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-5(12-25FTBGS)RE

Tgt Ion:	165	Resp:	35617
Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#

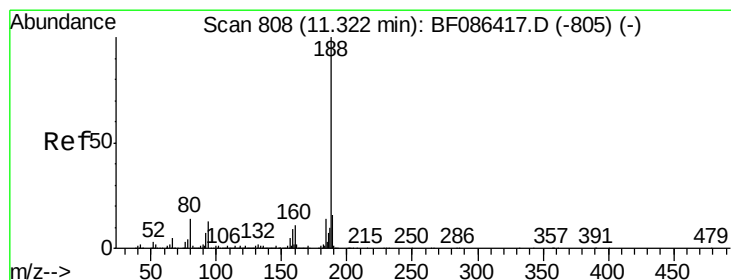
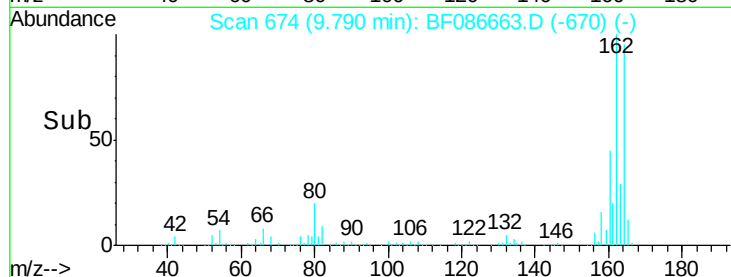
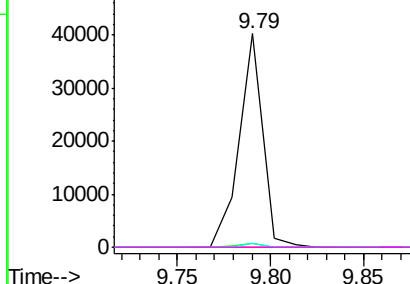


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

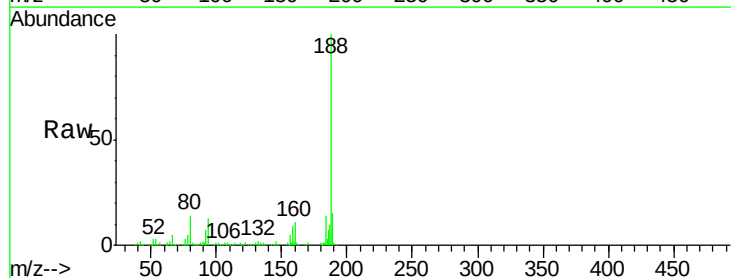
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF086663.D
 Acq: 4 May 2016 1:23

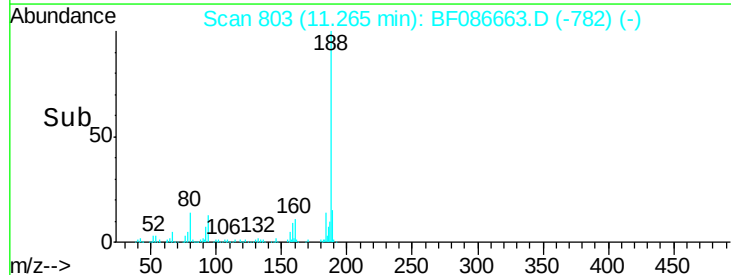
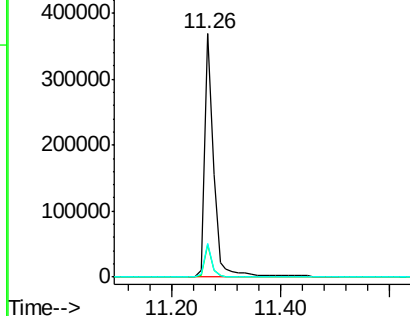
Tgt Ion:	188	Resp:	426144
Ion	Ratio	Lower	Upper
188	100		
94	13.1	6.8	10.2#
80	14.0	7.1	10.7#

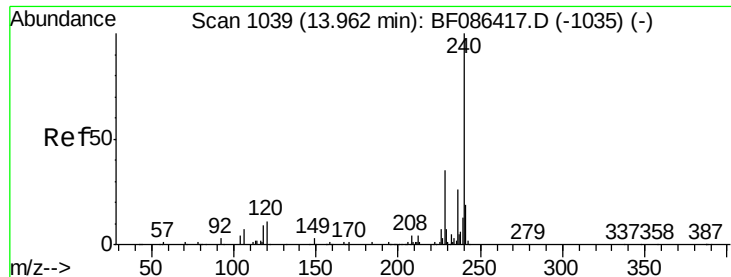


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086663.D

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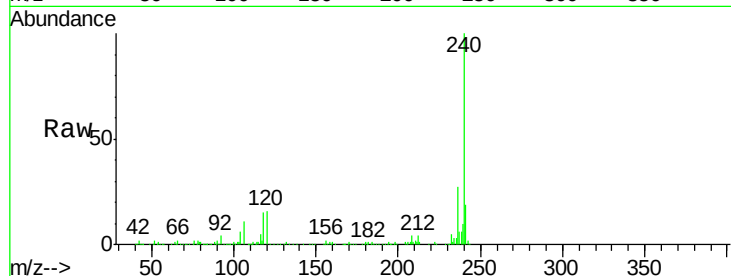
Tgt Ion:240 Resp: 355731

Ion Ratio Lower Upper

240 100

120 16.4 11.2 16.8

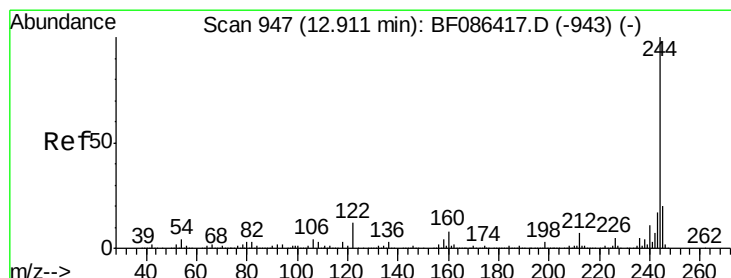
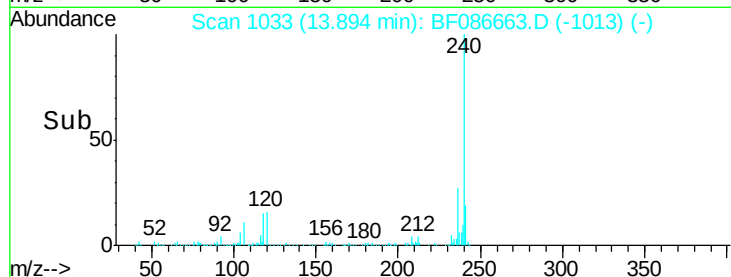
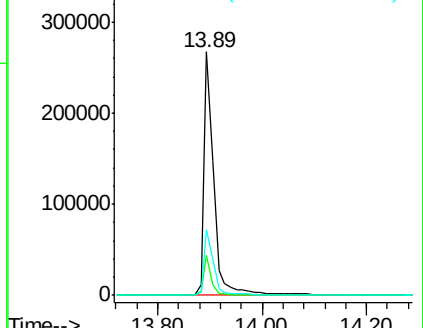
236 27.0 21.2 31.8



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: 51.43 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF086663.D

Acq: 4 May 2016 1:23

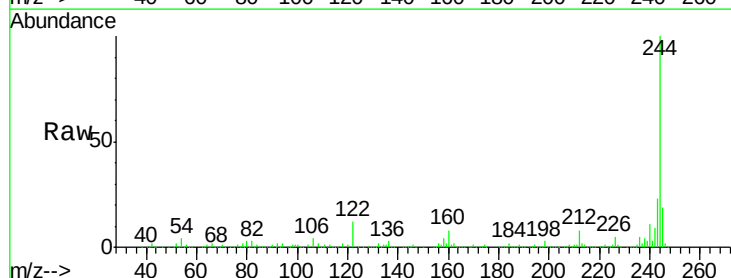
Tgt Ion:244 Resp: 830372

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

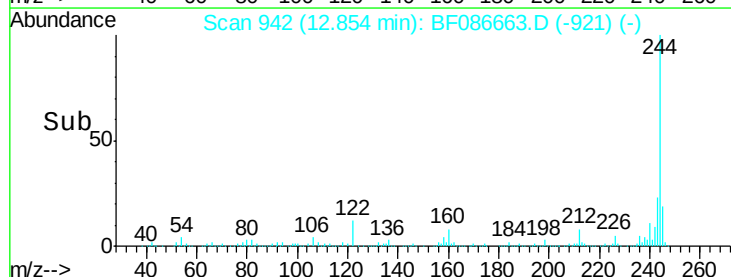
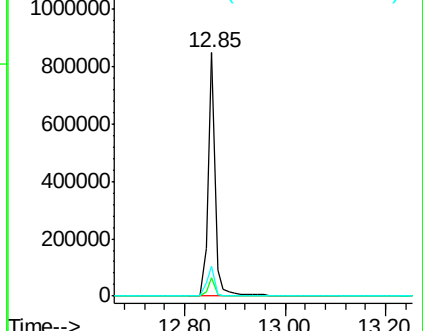
122 12.2 12.0 18.0

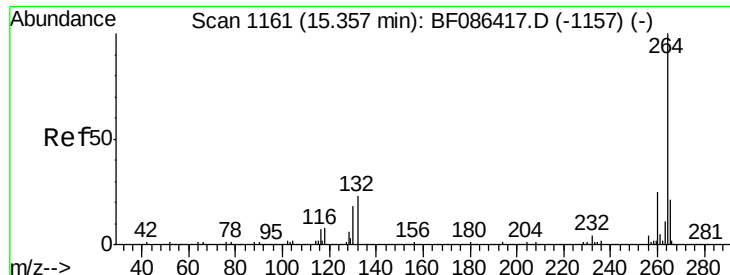


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 1155
Delta R.T. -0.07 min
Lab File: BF086663.D
Acq: 4 May 2016 1:23

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-5(12-25FTBGS)RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.8	17.3	25.9

