

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
 Data File : BF088443.D
 Acq On : 27 Jun 2016 7:58
 Operator : UM/SJ
 Sample : H3698-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-20

Quant Time: Jun 27 19:15:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 19:14:18 2016
 Response via : Initial Calibration

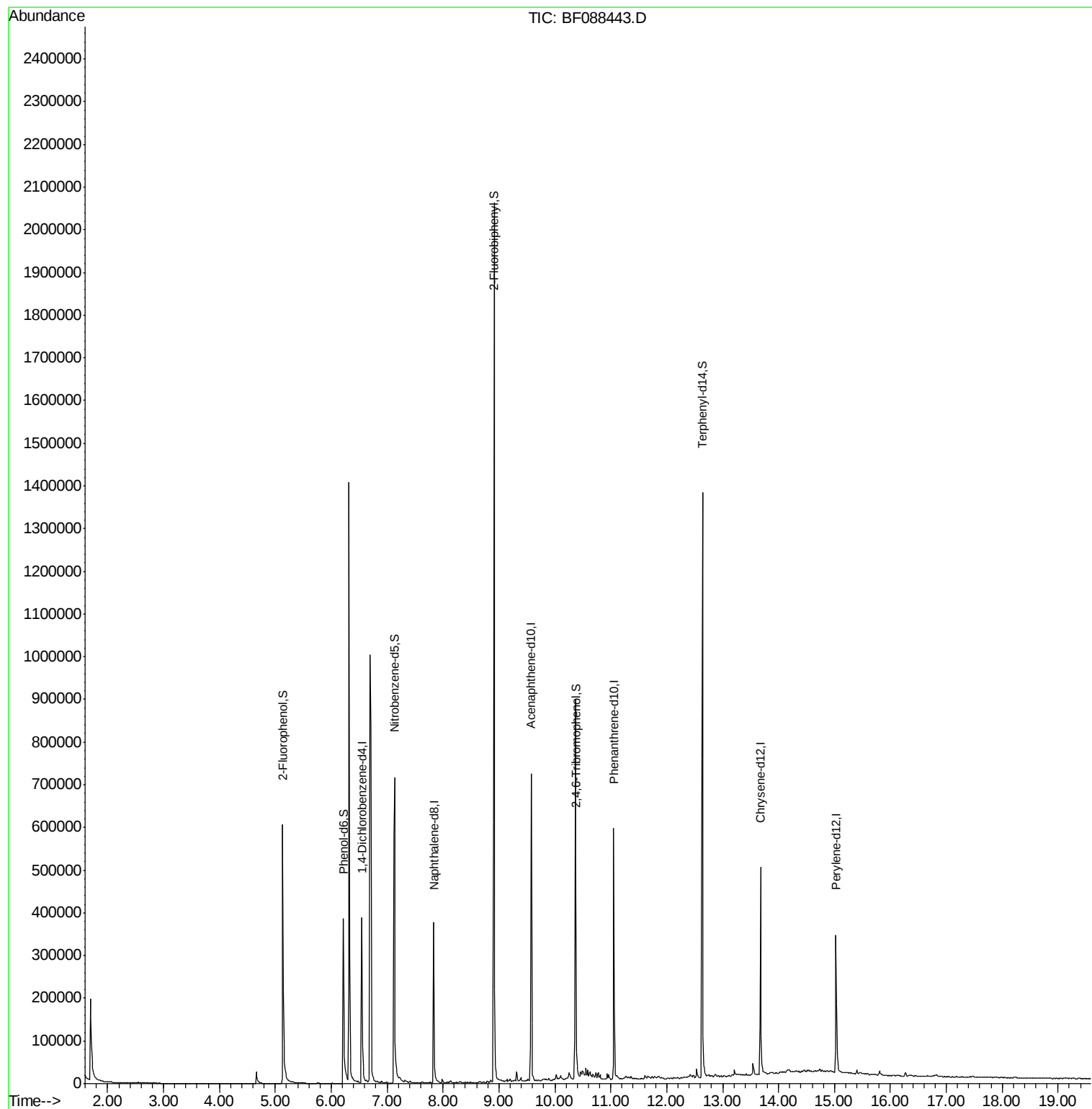
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	75487	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	297342	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	141846	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	239823	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	177226	20.00	ng	-0.01
86) Perylene-d12	15.03	264	146525	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	259869	58.85	ng	0.00
7) Phenol-d6	6.22	99	210249	39.29	ng	-0.02
23) Nitrobenzene-d5	7.13	82	397358	78.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	153306	102.36	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	714923	78.77	ng	-0.01
78) Terphenyl-d14	12.64	244	536630	68.90	ng	0.00
Target Compounds						
10) Phenol	6.23	94	957	Below Cal	#	1
45) 1,1'-Biphenyl	8.91	154	1298	Below Cal	#	1
57) Fluorene	10.36	166	6639	Below Cal	#	93

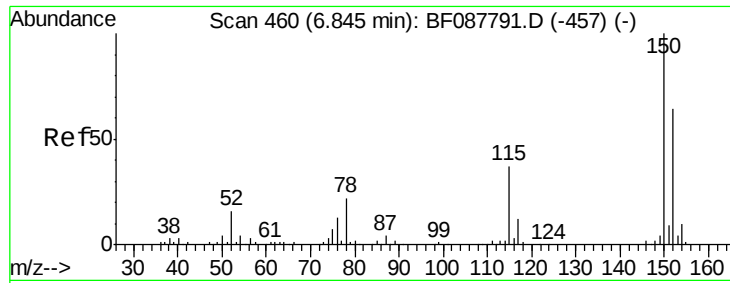
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
Data File : BF088443.D
Acq On : 27 Jun 2016 7:58
Operator : UM/SJ
Sample : H3698-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-20

Quant Time: Jun 27 19:15:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 19:14:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF088443.D

Acq: 27 Jun 2016 7:58

Instrument :

BNA_F

ClientSampleId :

W-20

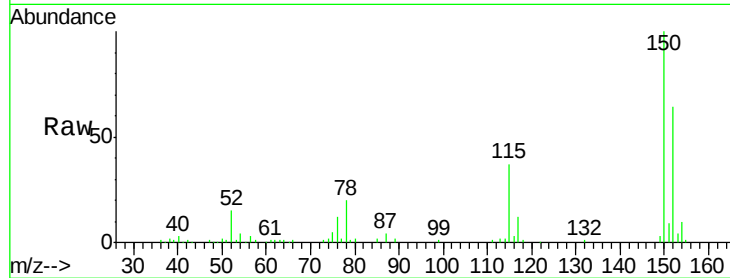
Tgt Ion:152 Resp: 75487

Ion Ratio Lower Upper

152 100

150 156.3 123.8 185.6

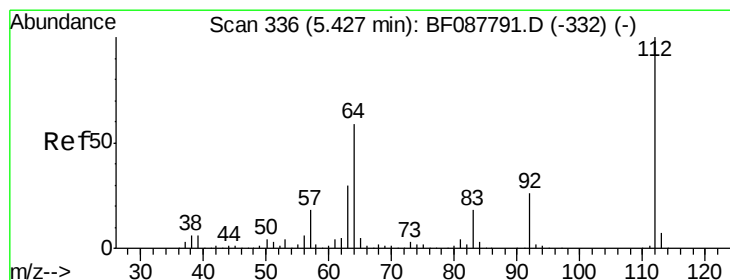
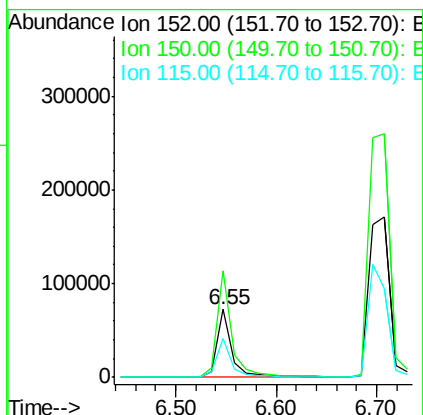
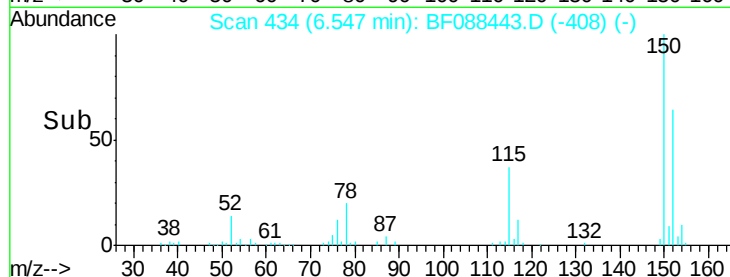
115 57.6 39.6 59.4



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: 58.85 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.00 min

Lab File: BF088443.D

Acq: 27 Jun 2016 7:58

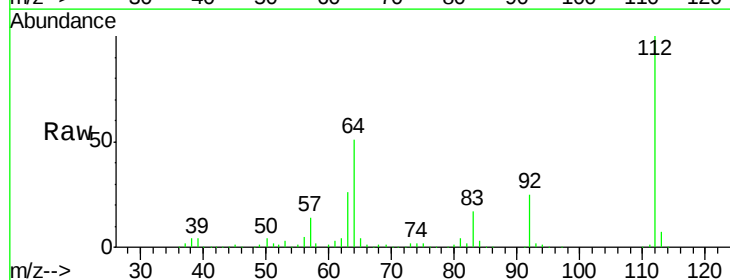
Tgt Ion:112 Resp: 259869

Ion Ratio Lower Upper

112 100

64 51.3 42.2 63.2

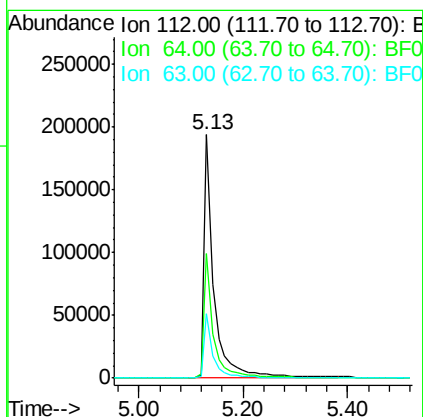
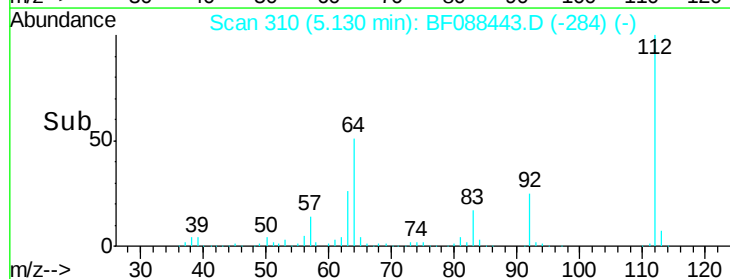
63 26.3 21.8 32.8

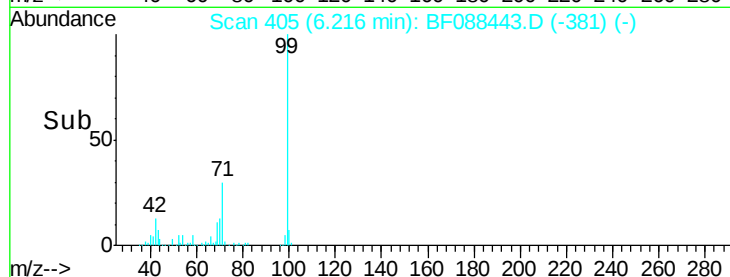
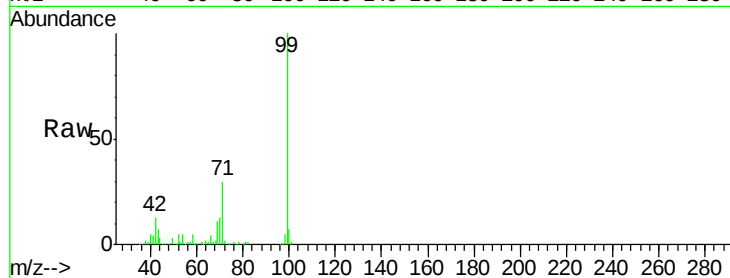
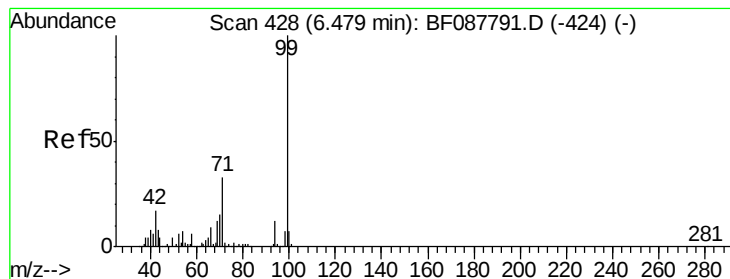


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.29 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.02 min

Lab File: BF088443.D

Acq: 27 Jun 2016 7:58

Instrument :

BNA_F

ClientSampleId :

W-20

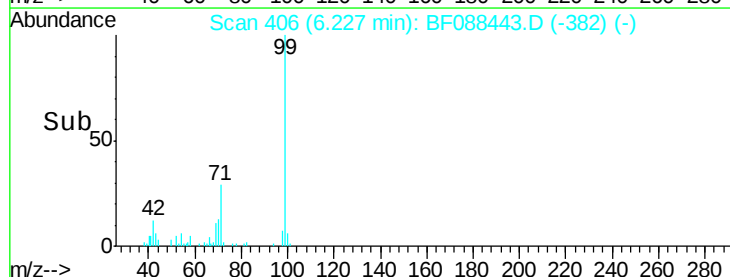
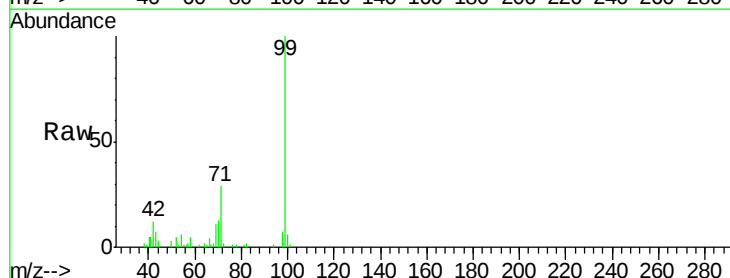
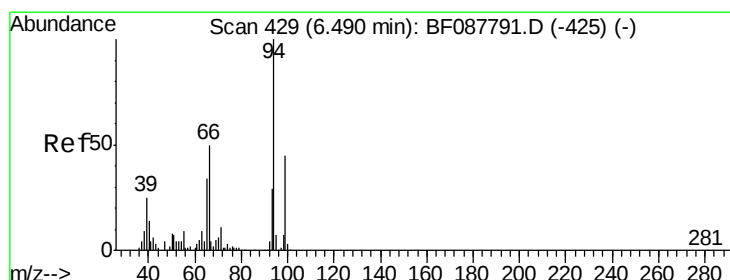
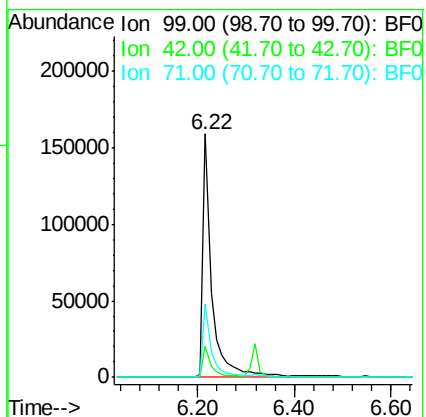
Tgt Ion: 99 Resp: 210249

Ion Ratio Lower Upper

99 100

42 12.9 12.2 18.2

71 30.2 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF088443.D

Acq: 27 Jun 2016 7:58

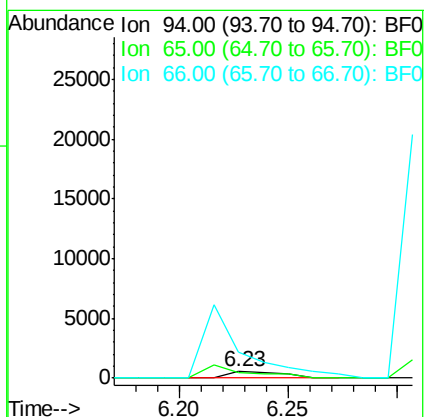
Tgt Ion: 94 Resp: 957

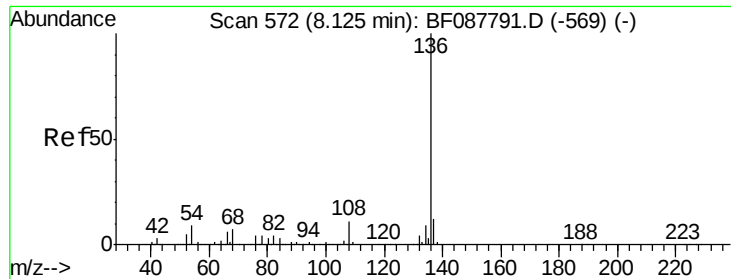
Ion Ratio Lower Upper

94 100

65 90.0 5.9 45.9#

66 387.5 14.0 54.0#

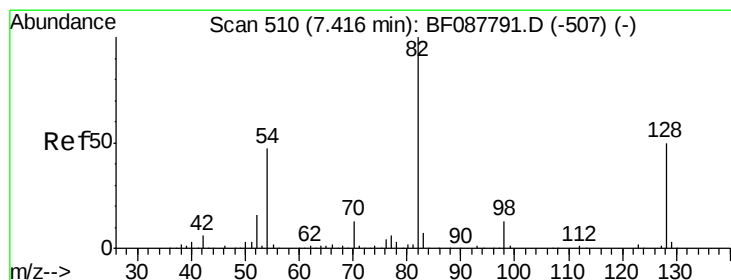
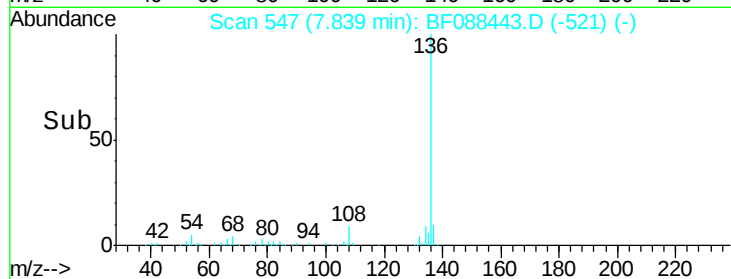
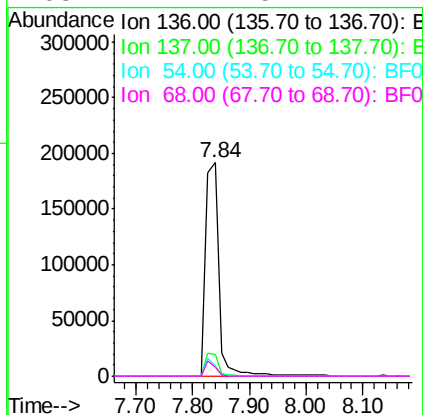
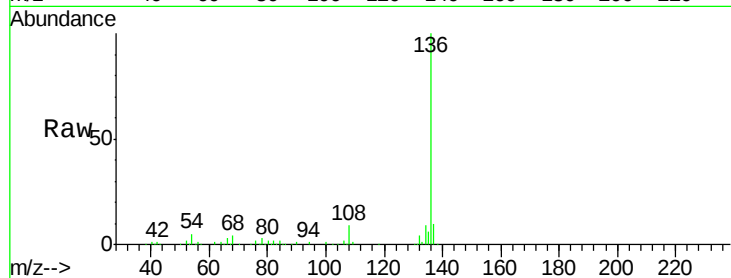




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF088443.D
Acq: 27 Jun 2016 7:58

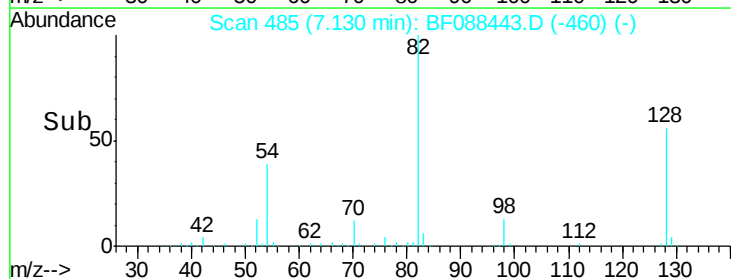
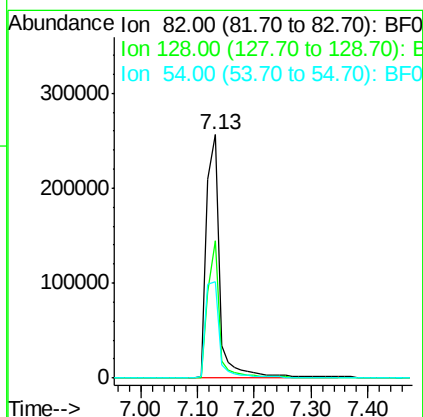
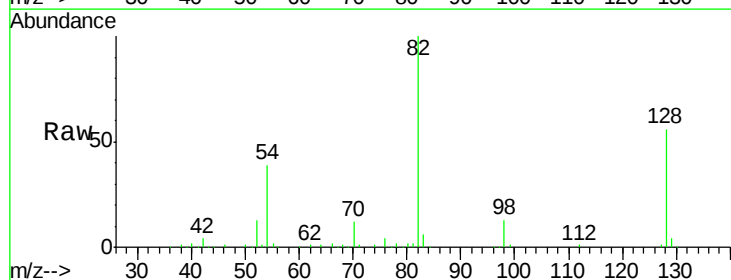
Instrument :
BNA_F
ClientSampleId :
W-20

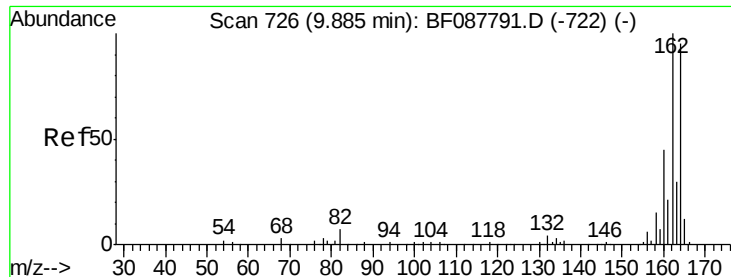
Tgt Ion:	136	Resp:	297342
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	4.8	6.6	10.0#
68	4.2	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 78.04 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF088443.D
Acq: 27 Jun 2016 7:58

Tgt Ion:	82	Resp:	397358
Ion	Ratio	Lower	Upper
82	100		
128	56.3	35.9	53.9#
54	39.4	40.9	61.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF088443.D

Acq: 27 Jun 2016 7:58

Instrument :

BNA_F

ClientSampleId :

W-20

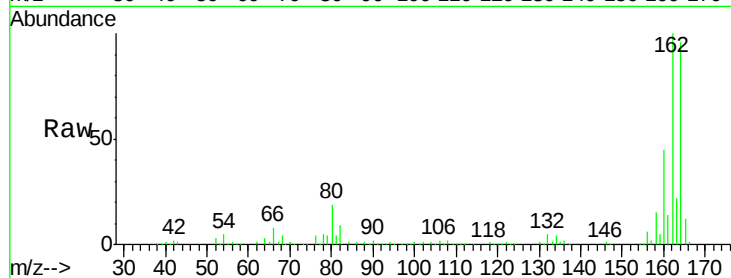
Tgt Ion:164 Resp: 141846

Ion Ratio Lower Upper

164 100

162 103.7 85.4 128.2

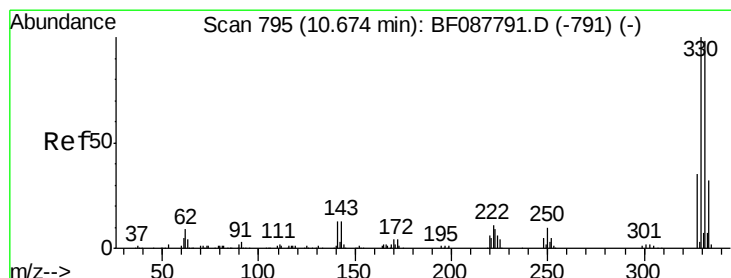
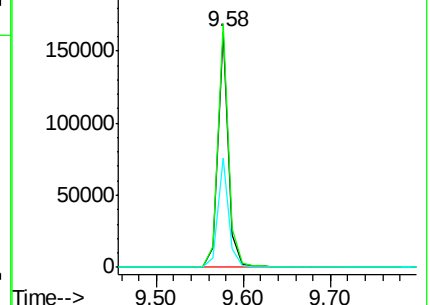
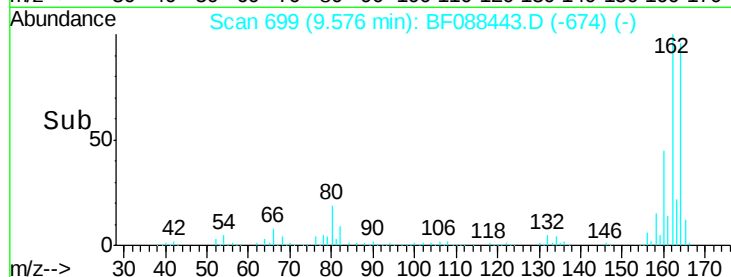
160 46.4 39.5 59.3



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: 102.36 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF088443.D

Acq: 27 Jun 2016 7:58

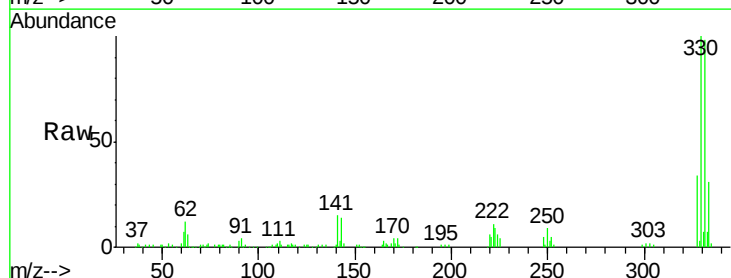
Tgt Ion:330 Resp: 153306

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

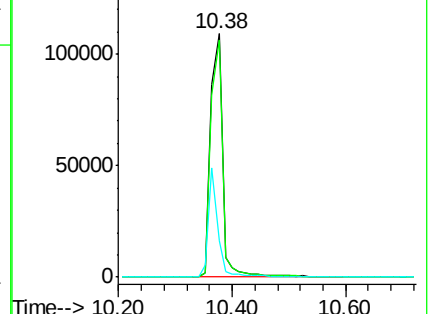
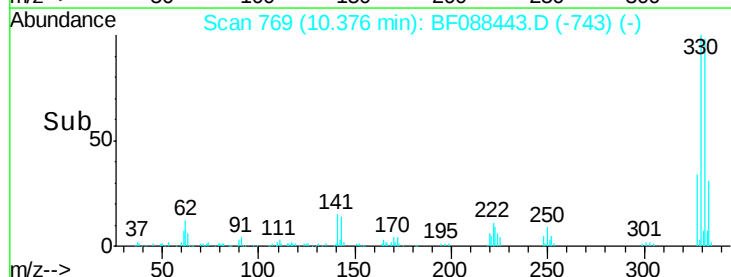
141 35.7 0.0 0.0#

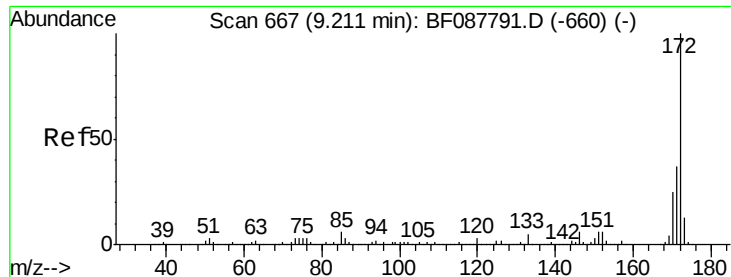


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

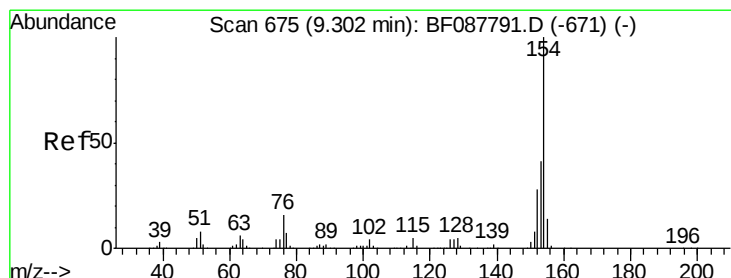
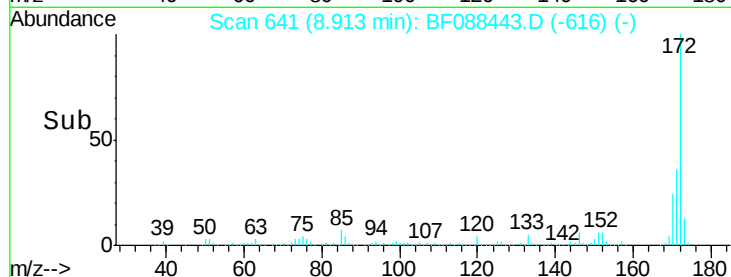
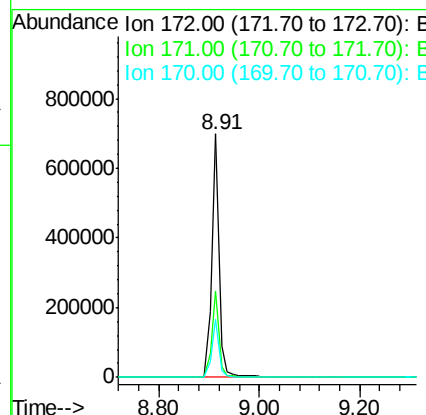
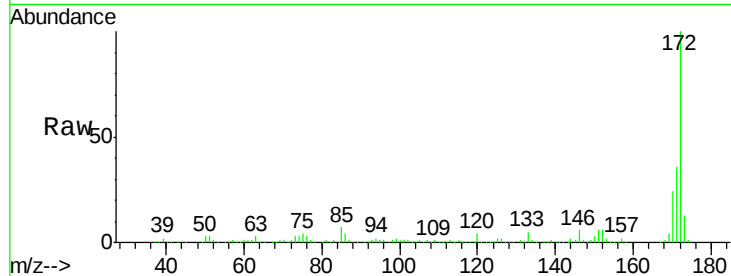




#44
 2-Fluorobiphenyl
 Concen: 78.77 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF088443.D
 Acq: 27 Jun 2016 7:58

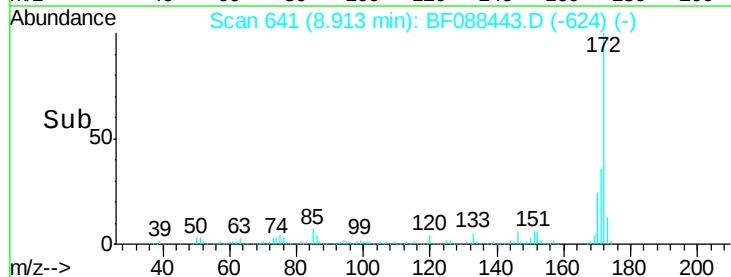
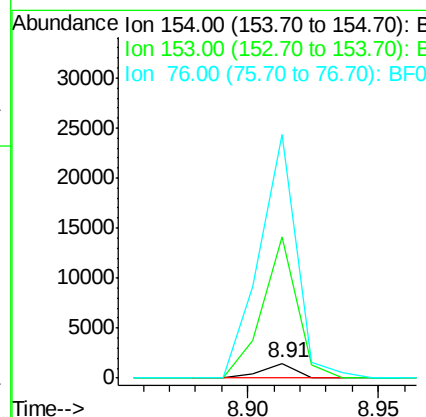
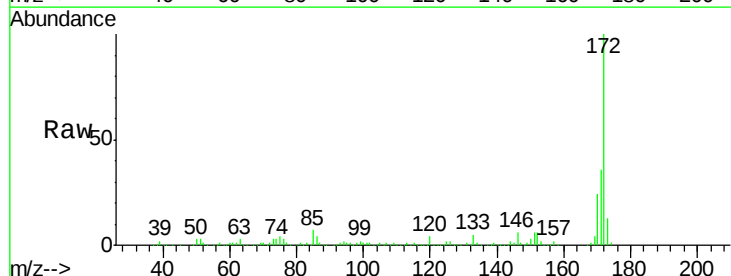
Instrument :
 BNA_F
 ClientSampleId :
 W-20

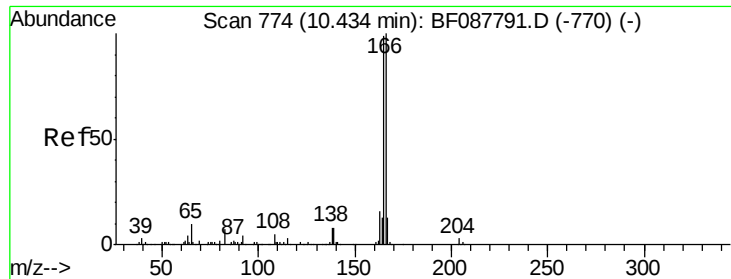
Tgt Ion:172 Resp: 714923
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 24.0 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 8.91 min Scan# 641
 Delta R.T. -0.10 min
 Lab File: BF088443.D
 Acq: 27 Jun 2016 7:58

Tgt Ion:154 Resp: 1298
 Ion Ratio Lower Upper
 154 100
 153 963.6 20.6 60.6#
 76 1664.0 0.0 35.1#





#57

Fluorene

Concen: Below Cal

RT: 10.36 min Scan# 768

Delta R.T. 0.23 min

Lab File: BF088443.D

Acq: 27 Jun 2016 7:58

Instrument :

BNA_F

ClientSampleId :

W-20

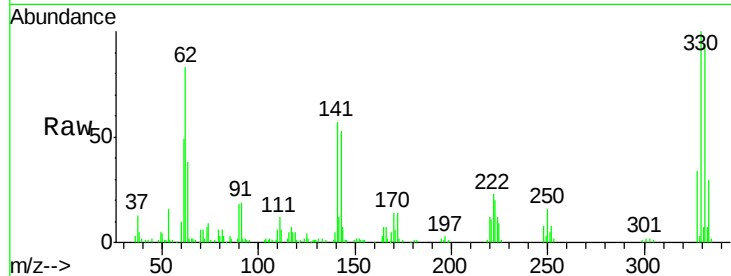
Tgt Ion:166 Resp: 6639

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

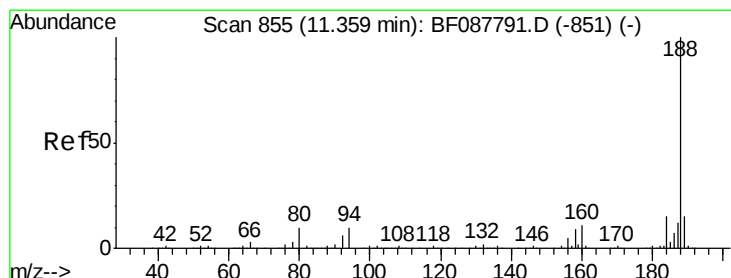
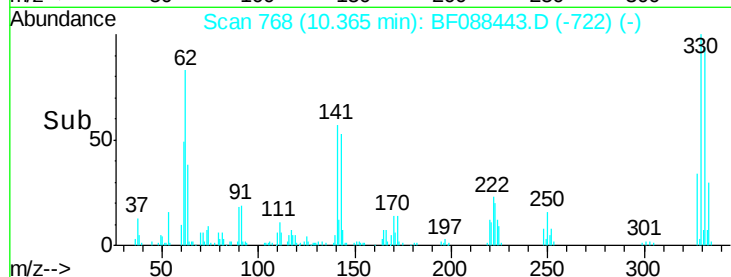
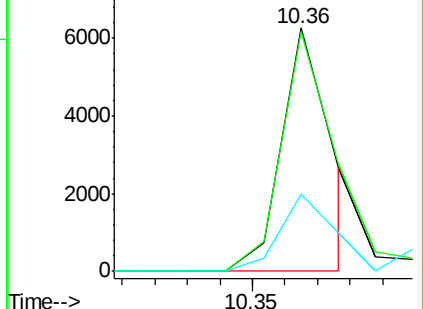
167 31.5 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF088443.D

Acq: 27 Jun 2016 7:58

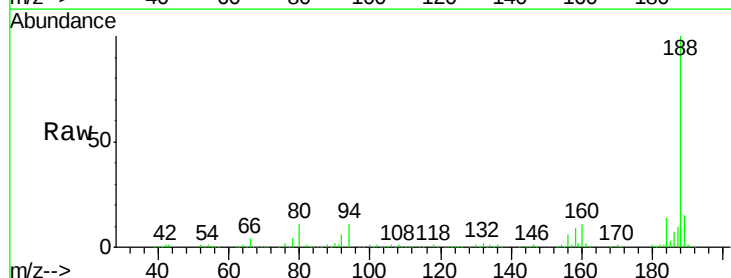
Tgt Ion:188 Resp: 239823

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.6

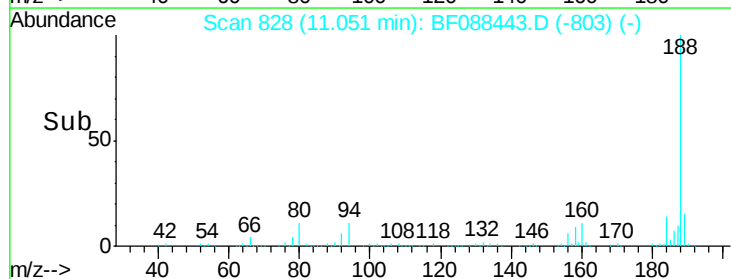
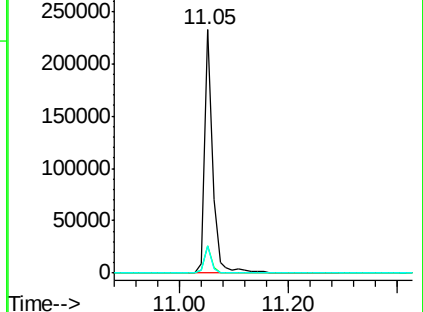
80 11.2 10.0 15.0

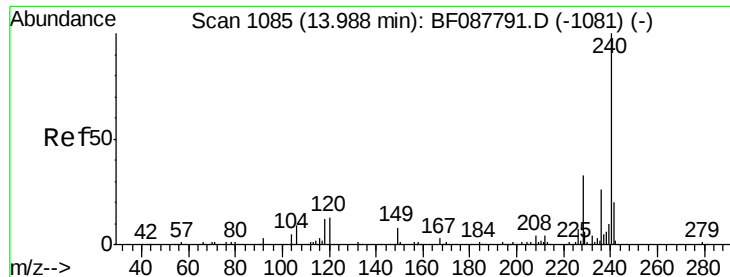


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF088443.D

Acq: 27 Jun 2016 7:58

Instrument :

BNA_F

ClientSampleId :

W-20

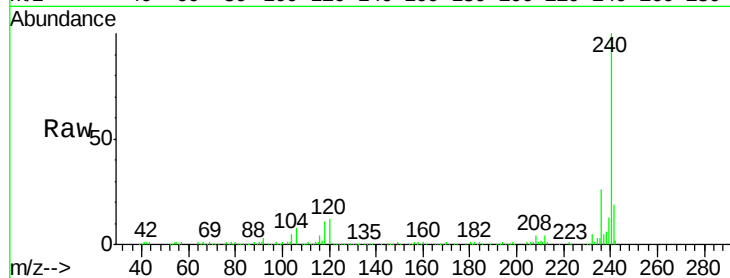
Tgt Ion:240 Resp: 177226

Ion Ratio Lower Upper

240 100

120 12.2 6.8 10.2#

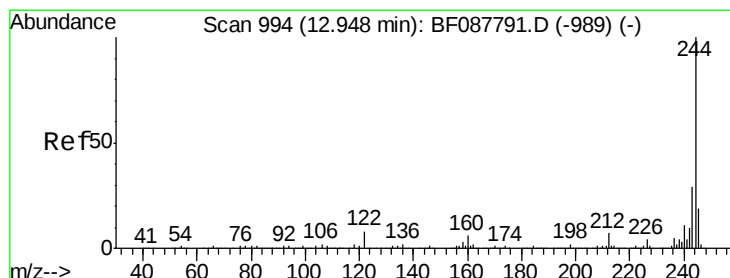
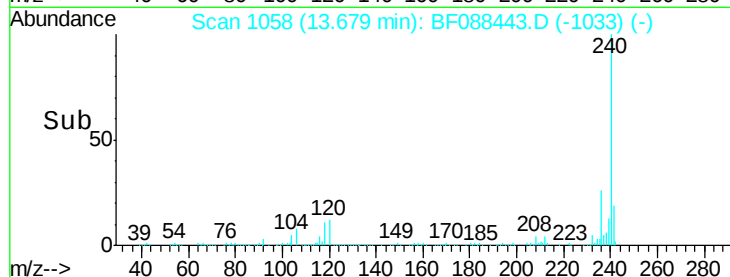
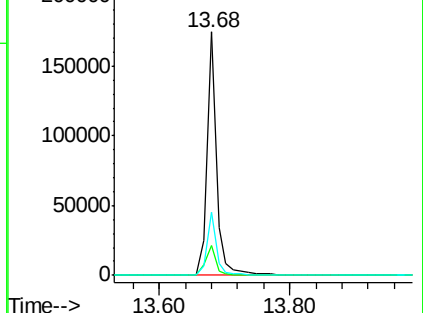
236 25.8 20.2 30.2



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: 68.90 ng

RT: 12.64 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF088443.D

Acq: 27 Jun 2016 7:58

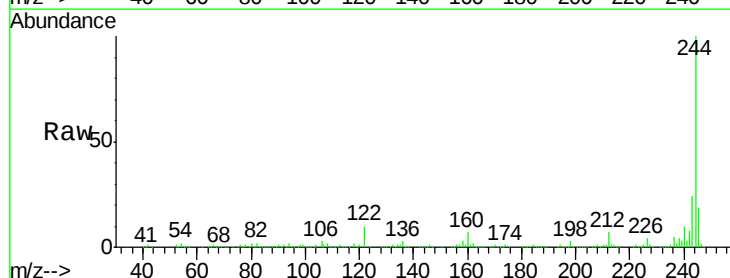
Tgt Ion:244 Resp: 536630

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

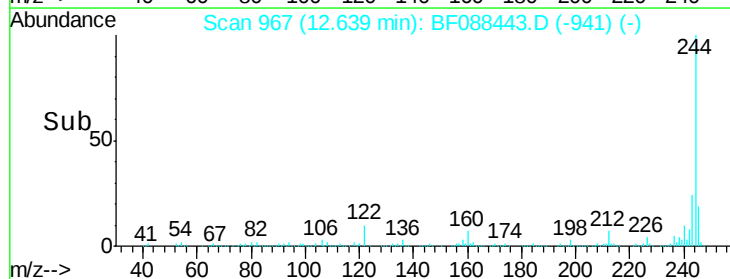
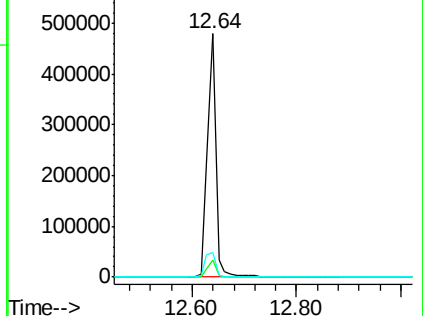
122 10.3 11.2 16.8#

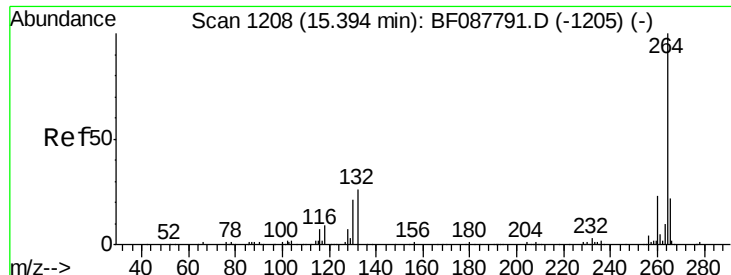


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.03 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF088443.D
Acq: 27 Jun 2016 7:58

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion: 264 Resp: 146525
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.5 16.9 25.3

