

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
 Data File : BF092336.D
 Acq On : 18 Jan 2017 00:46
 Operator : UM/SJ
 Sample : I1162-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Jan 18 04:51:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:11:54 2017
 Response via : Initial Calibration

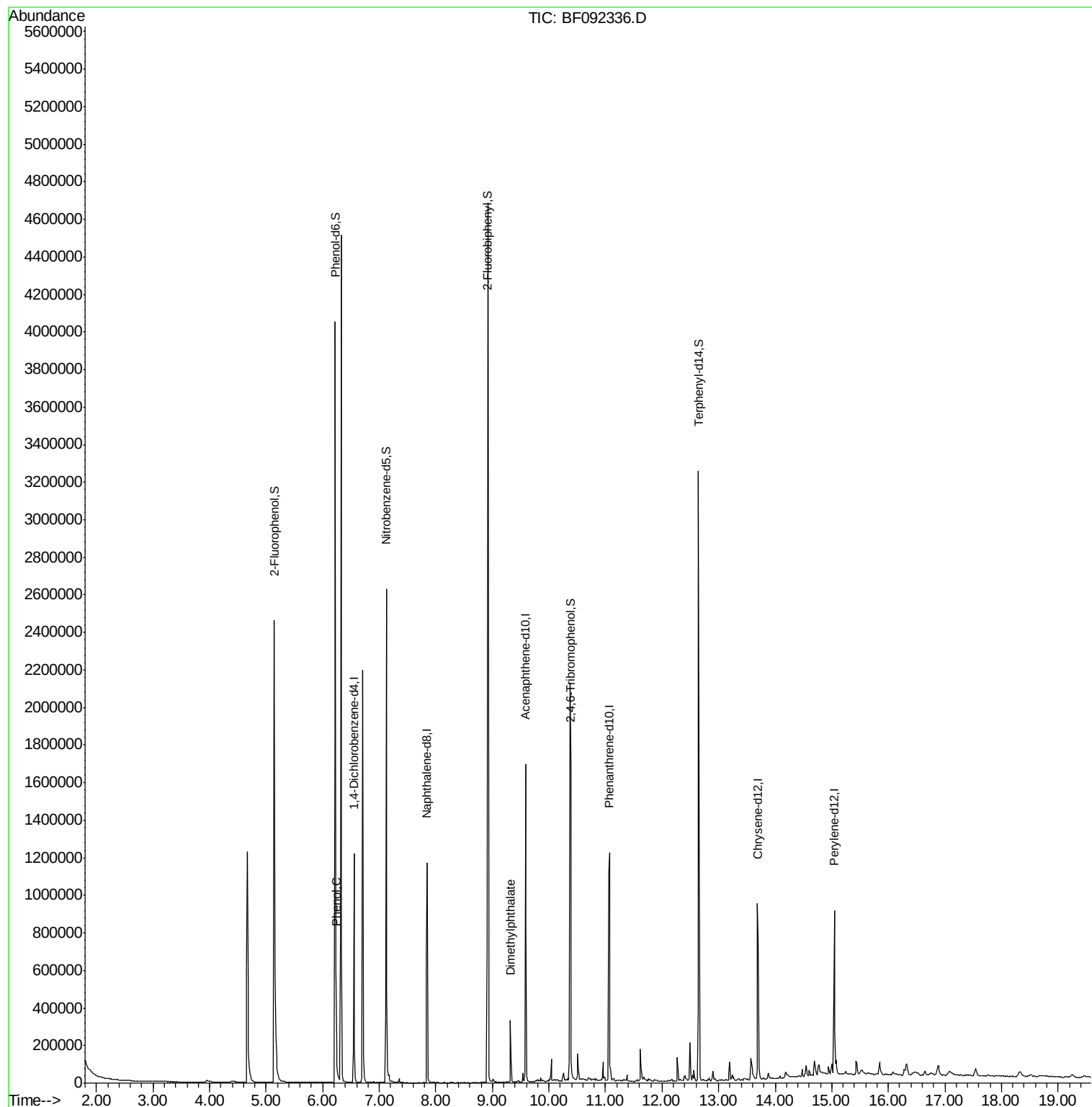
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	185919	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	686238	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	430755	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	664397	20.00	ng	0.00
75) Chrysene-d12	13.69	240	417046	20.00	ng	-0.01
86) Perylene-d12	15.05	264	389921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1250888	112.34	ng	0.01
7) Phenol-d6	6.22	99	1685269	123.97	ng	0.00
23) Nitrobenzene-d5	7.12	82	895752	72.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	379549	106.47	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1451294	66.18	ng	0.00
78) Terphenyl-d14	12.65	244	1164506	67.72	ng	0.00
Target Compounds						
10) Phenol	6.23	94	83739	5.41	ng	# 70
49) Dimethylphthalate	9.32	163	147948	5.37	ng	# 99

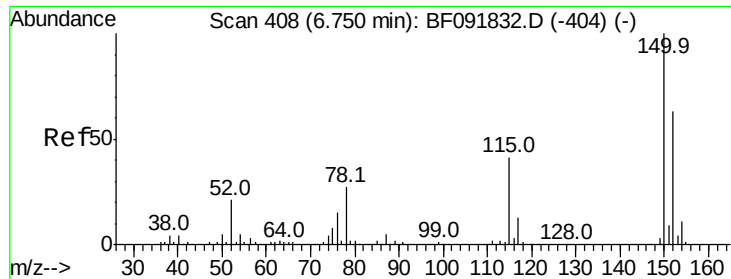
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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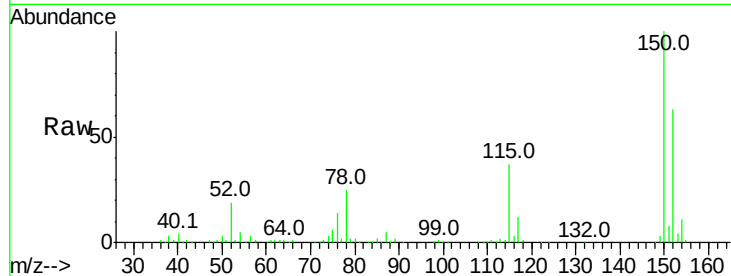


#1

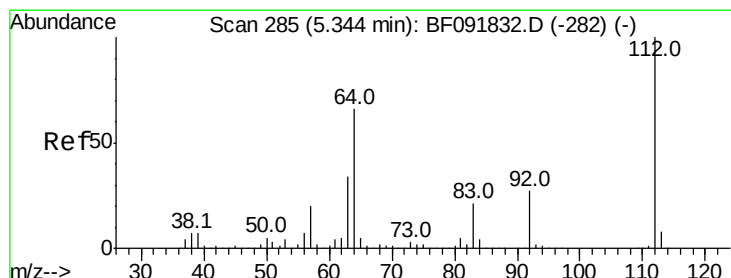
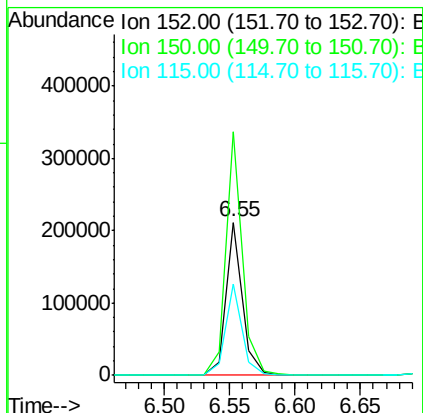
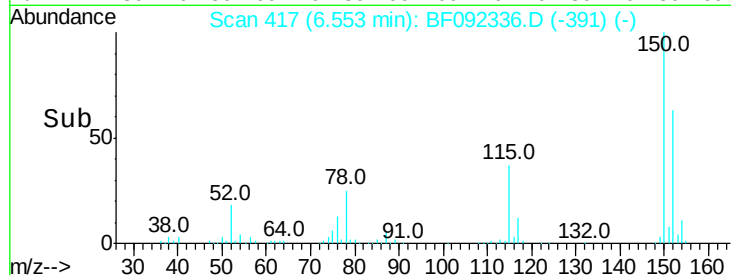
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.55 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF092336.D
 Acq: 18 Jan 2017 00:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tot Ion:152 Resp: 185919
 Ion Ratio Lower Upper
 152 100
 150 158.9 124.9 187.3
 115 59.4 46.0 69.0



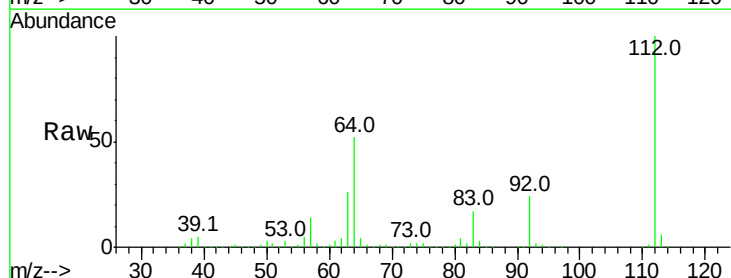
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



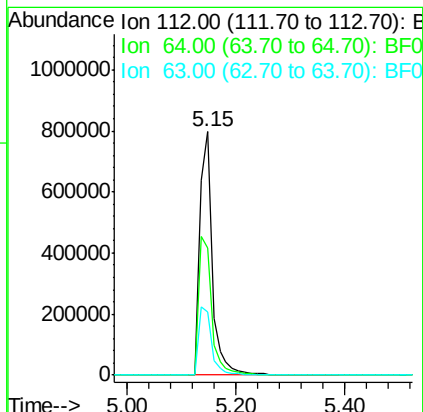
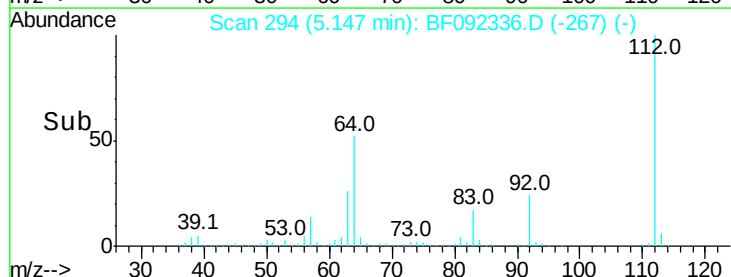
#5

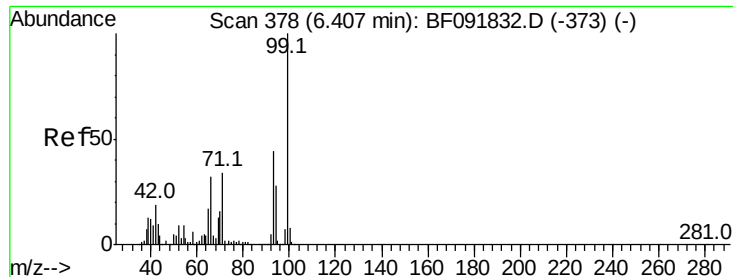
2-Fluorophenol
 Concen: 112.34 ng
 RT: 5.15 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: BF092336.D
 Acq: 18 Jan 2017 00:46

Tgt Ion:112 Resp: 1250888
 Ion Ratio Lower Upper
 112 100
 64 52.0 46.1 69.1
 63 25.9 23.8 35.6



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: 123.97 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092336.D

Acq: 18 Jan 2017 00:46

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

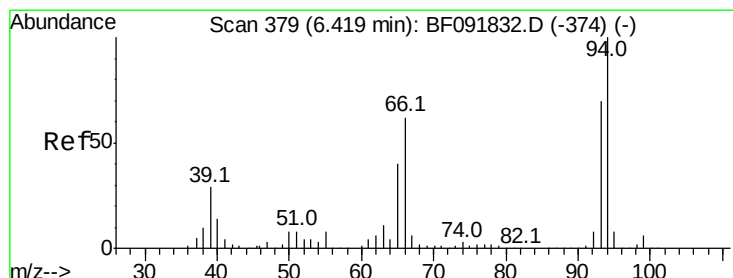
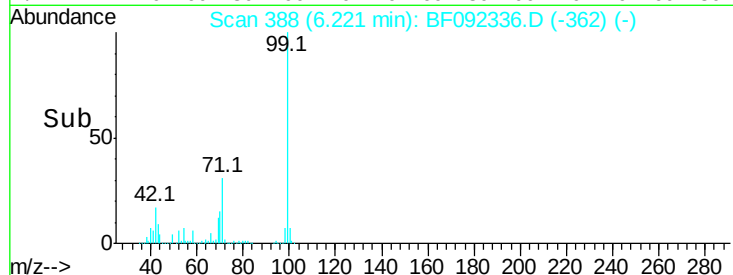
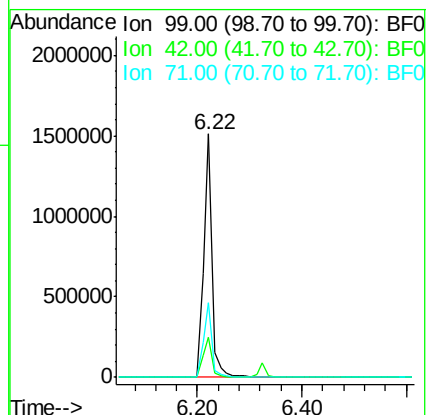
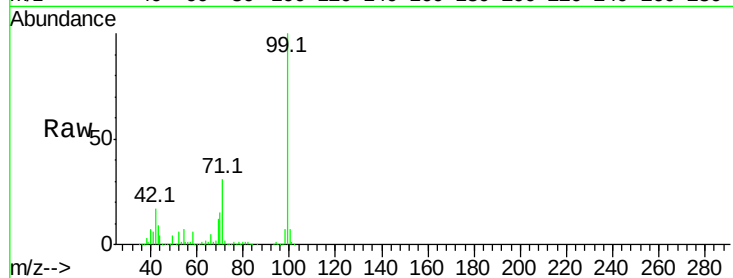
Tot Ion: 99 Resp: 1685269

Ion Ratio Lower Upper

99 100

42 16.7 15.6 23.4

71 30.9 27.5 41.3



#10

Phenol

Concen: 5.41 ng

RT: 6.23 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092336.D

Acq: 18 Jan 2017 00:46

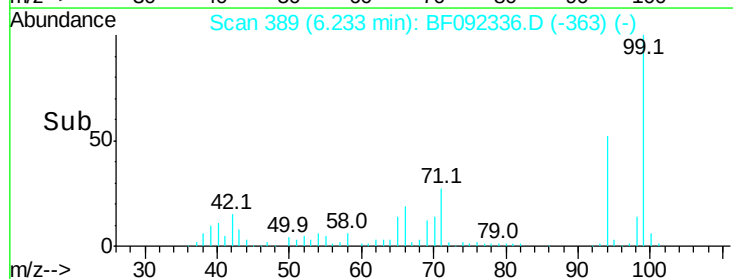
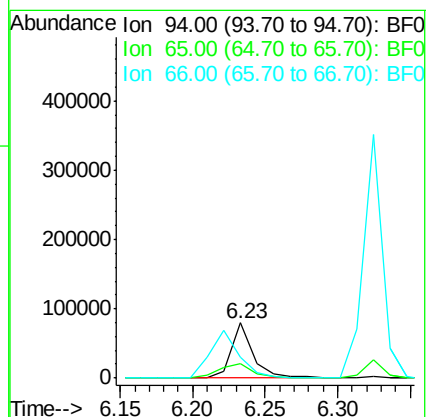
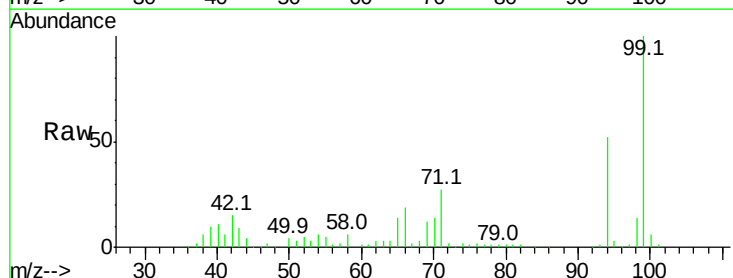
Tgt Ion: 94 Resp: 83739

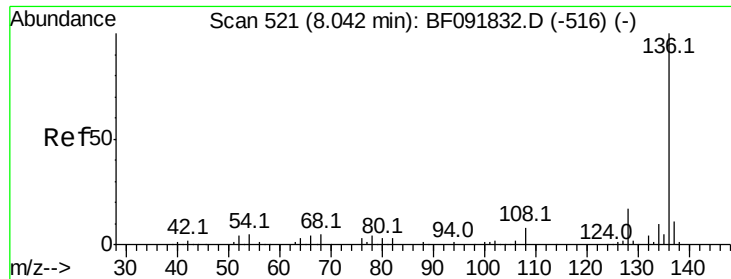
Ion Ratio Lower Upper

94 100

65 26.2 21.4 61.4

66 37.3 44.0 84.0#

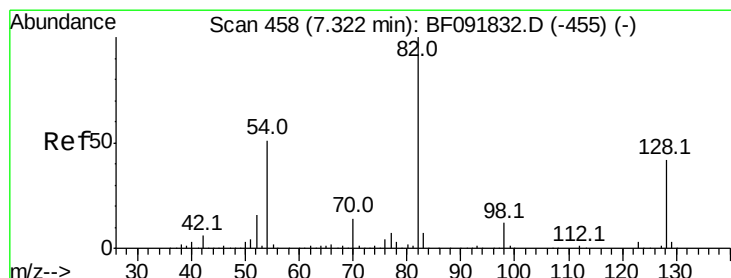
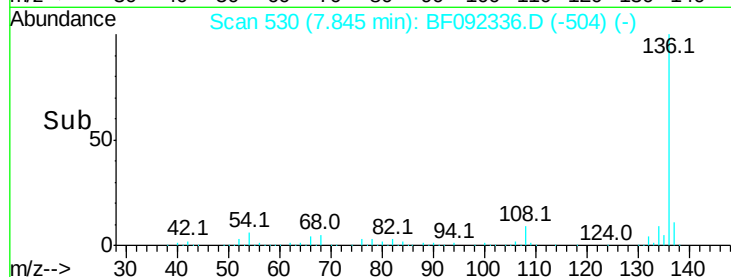
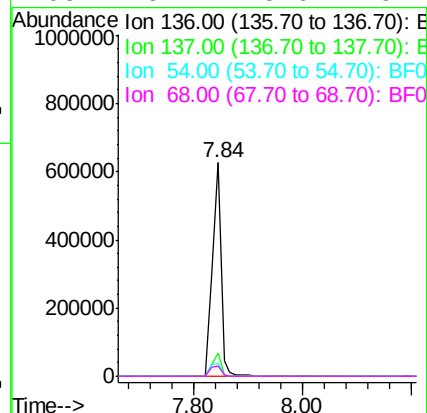
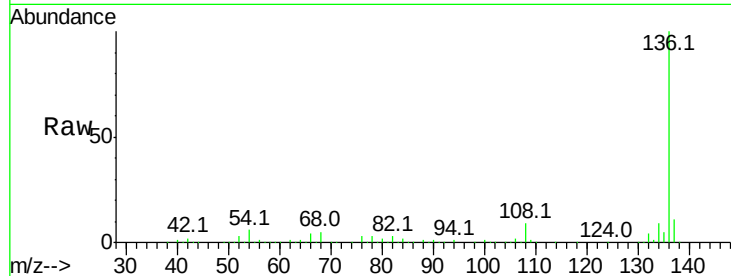




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF092336.D
Acq: 18 Jan 2017 00:46

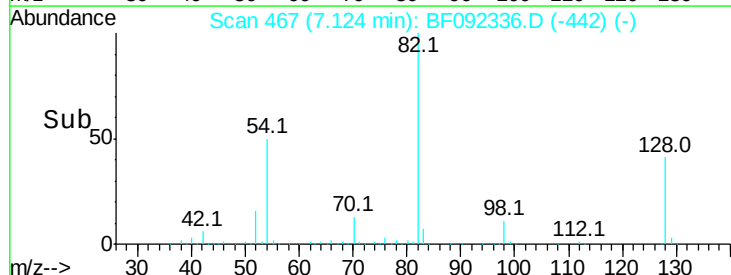
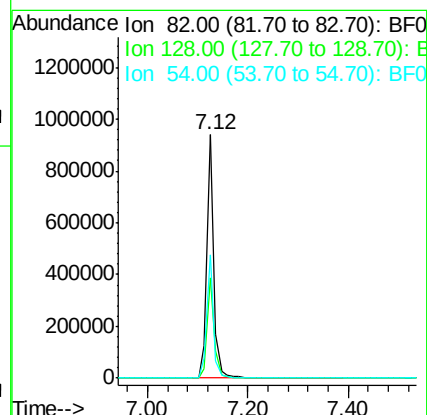
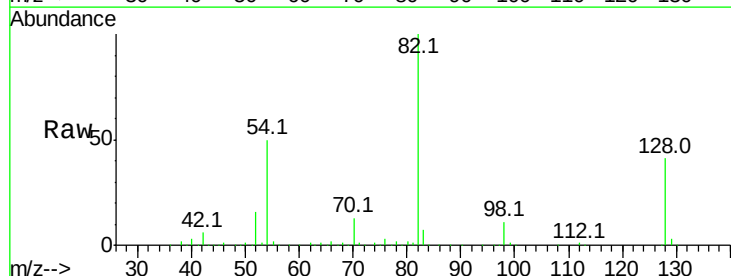
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

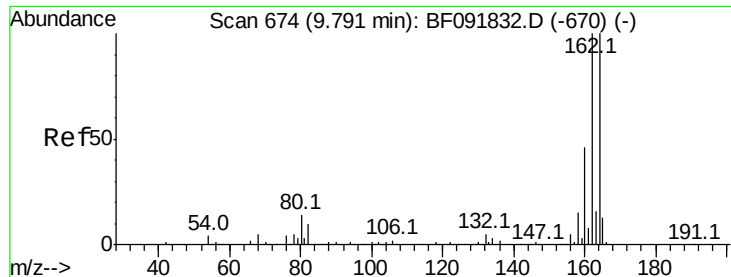
Tot Ion:136	Resp:	686238	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.4	12.6	
54 5.7	4.5	6.7	
68 5.1	3.6	5.4	



#23
Nitrobenzene-d5
Concen: 72.58 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF092336.D
Acq: 18 Jan 2017 00:46

Tgt Ion: 82	Resp: 895752
Ion Ratio	Lower Upper
82 100	
128 41.0	34.6 52.0
54 50.4	39.5 59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF092336.D

Acq: 18 Jan 2017 00:46

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

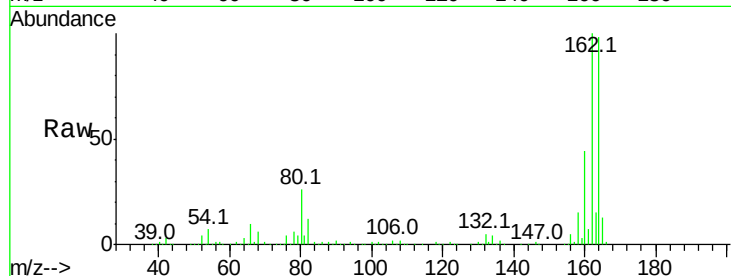
Tot Ion:164 Resp: 430755

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

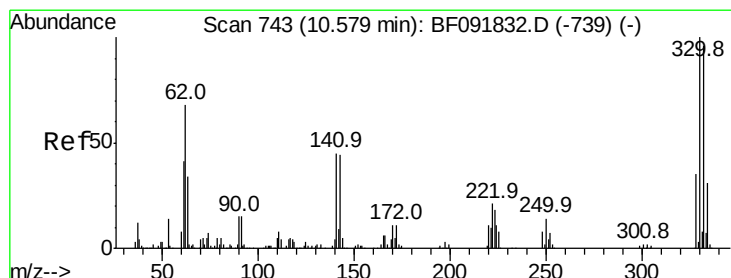
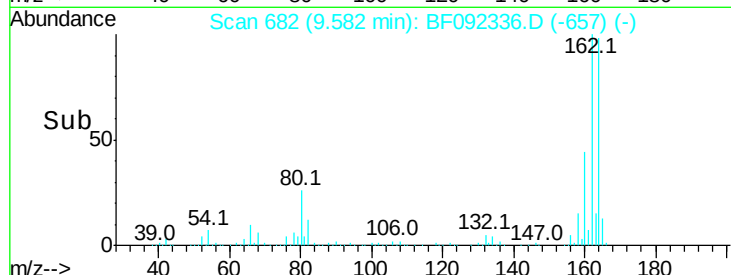
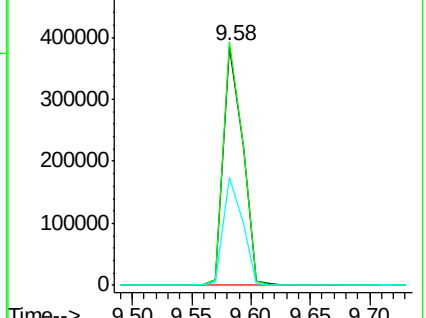
160 45.2 36.9 55.3



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: 106.47 ng

RT: 10.38 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF092336.D

Acq: 18 Jan 2017 00:46

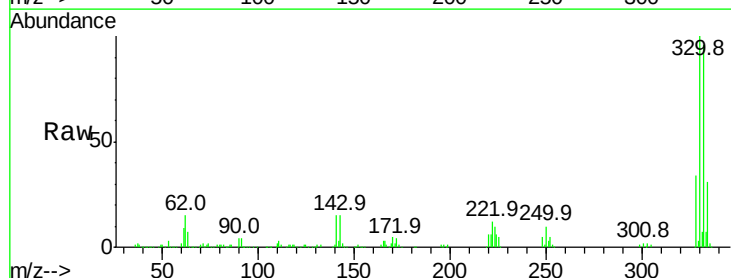
Tgt Ion:330 Resp: 379549

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.2

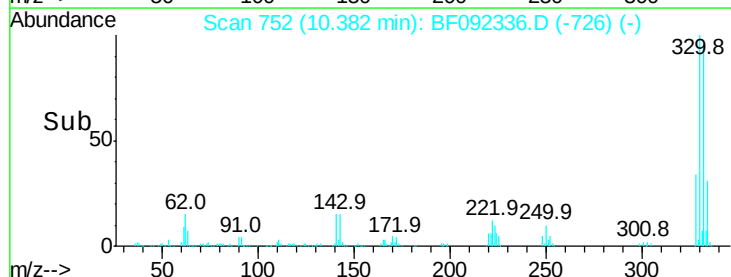
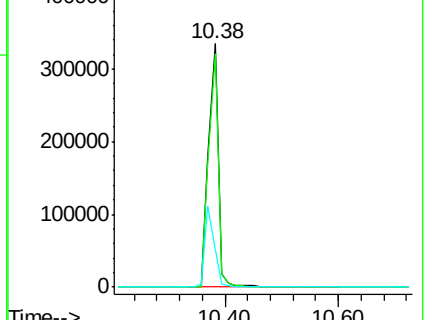
141 31.8 34.1 51.1#

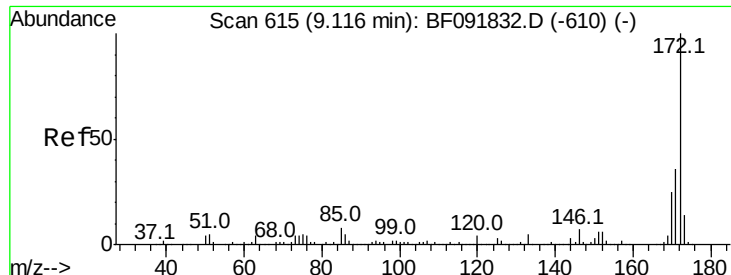


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

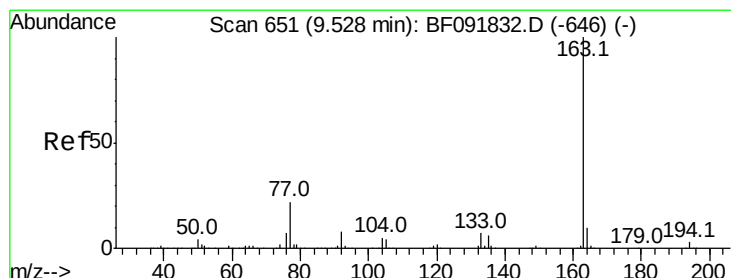
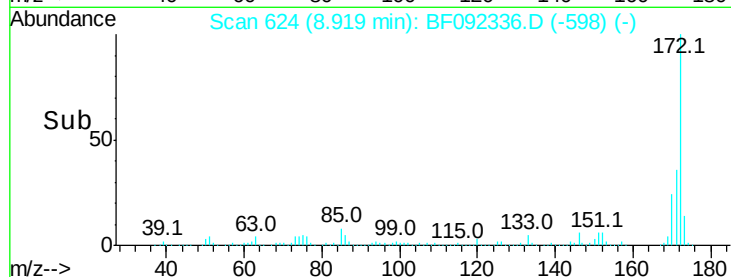
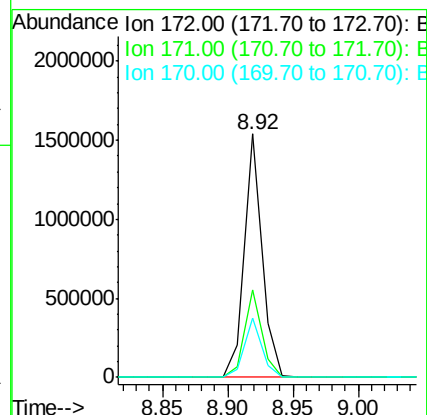
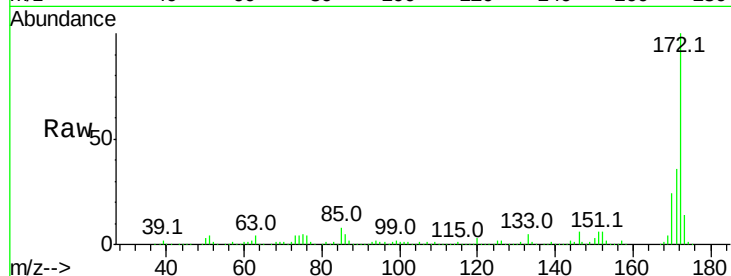




#44
2-Fluorobiphenyl
Concen: 66.18 ng
RT: 8.92 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF092336.D
Acq: 18 Jan 2017 00:46

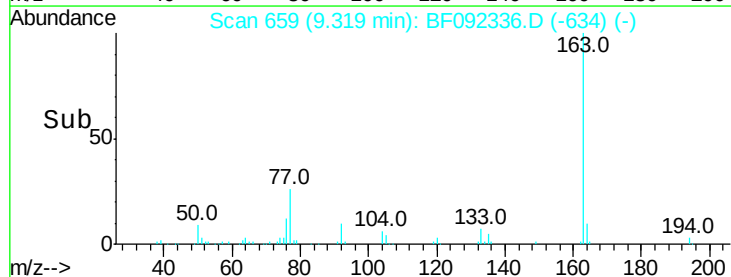
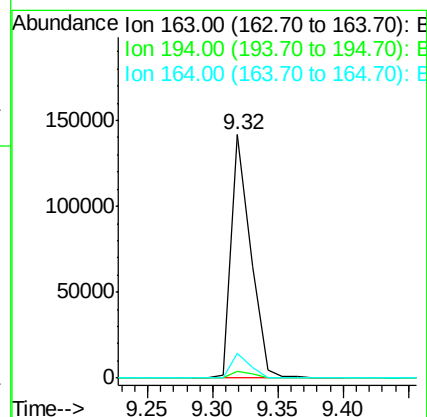
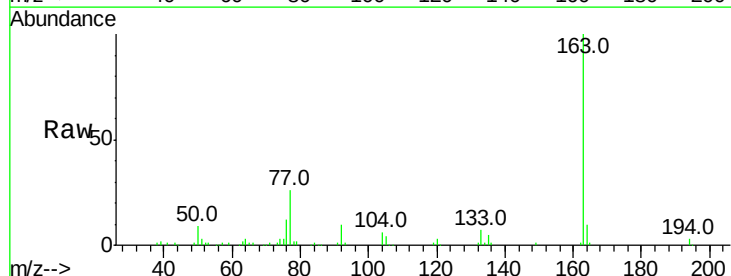
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

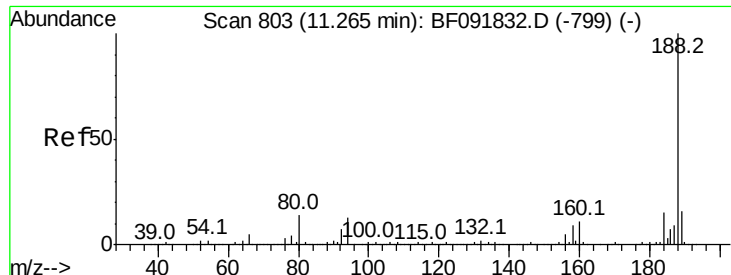
Tot Ion:172 Resp: 1451294
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 24.4 20.2 30.4



#49
Dimethylphthalate
Concen: 5.37 ng
RT: 9.32 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF092336.D
Acq: 18 Jan 2017 00:46

Tgt Ion:163 Resp: 147948
Ion Ratio Lower Upper
163 100
194 2.8 3.0 4.4#
164 9.9 8.0 12.0

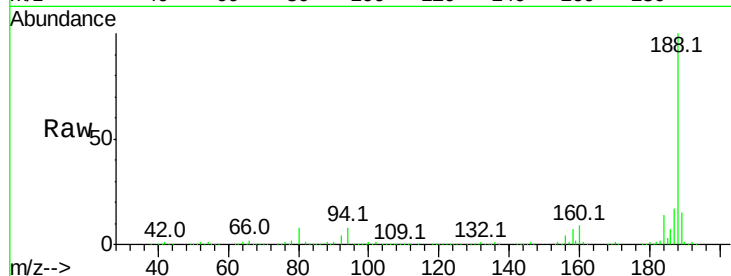




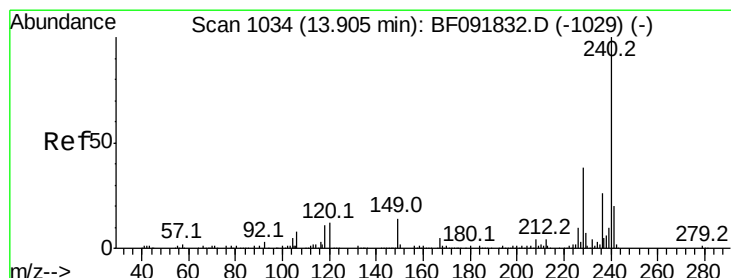
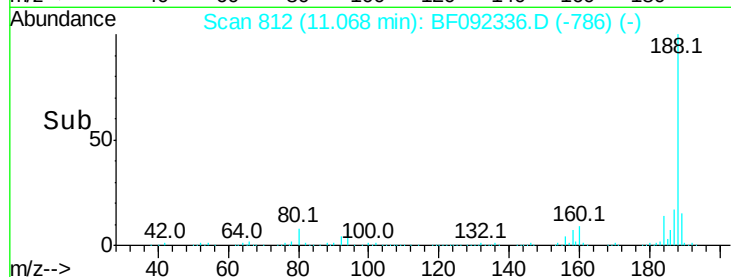
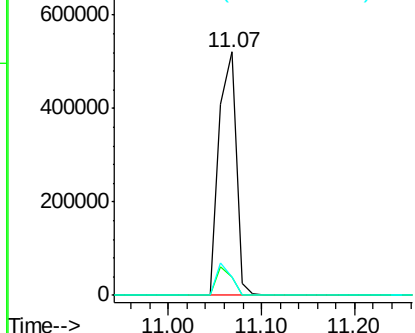
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF092336.D
 Acq: 18 Jan 2017 00:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tot Ion:188 Resp: 664397
 Ion Ratio Lower Upper
 188 100
 94 7.6 10.0 15.0#
 80 7.6 11.2 16.8#

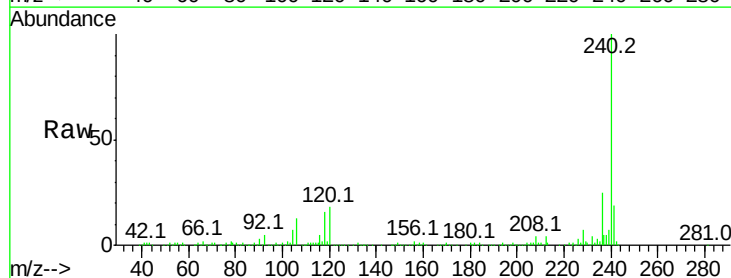


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

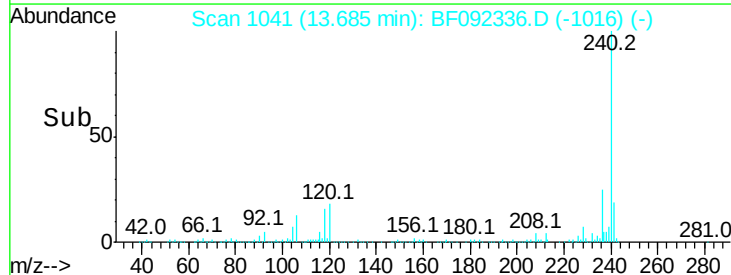
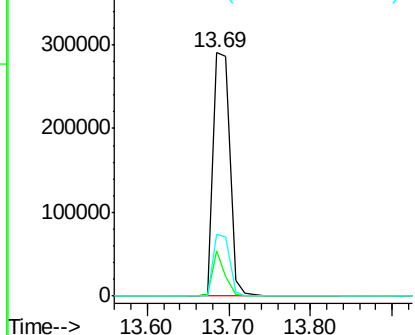


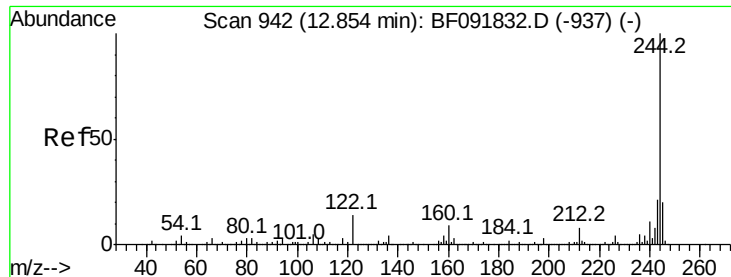
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.69 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092336.D
 Acq: 18 Jan 2017 00:46

Tgt Ion:240 Resp: 417046
 Ion Ratio Lower Upper
 240 100
 120 18.5 12.9 19.3
 236 25.3 20.9 31.3



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: 67.72 ng

RT: 12.65 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092336.D

Acq: 18 Jan 2017 00:46

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

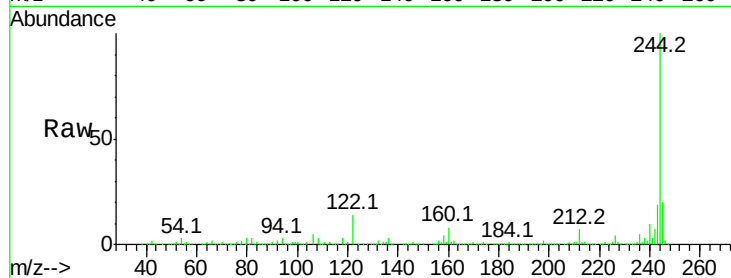
Tot Ion:244 Resp: 1164506

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

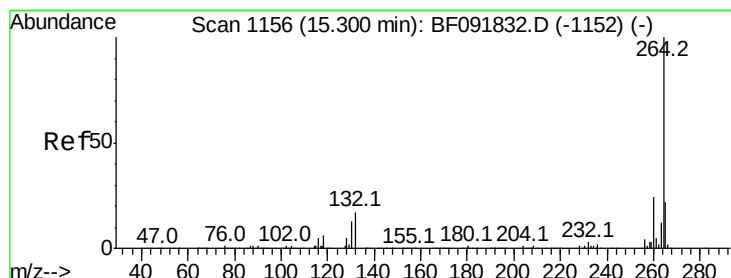
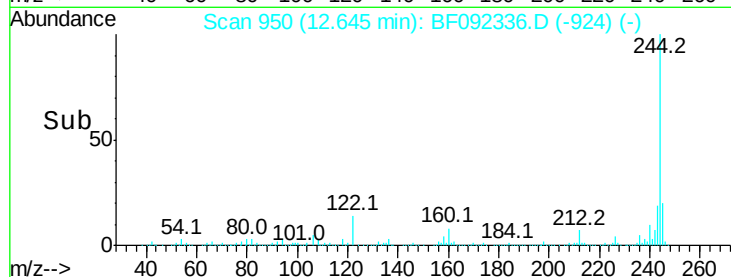
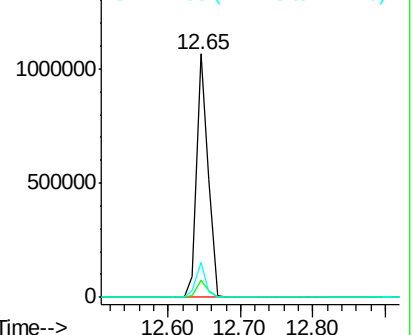
122 14.5 11.4 17.2



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: 15.05 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF092336.D

Acq: 18 Jan 2017 00:46

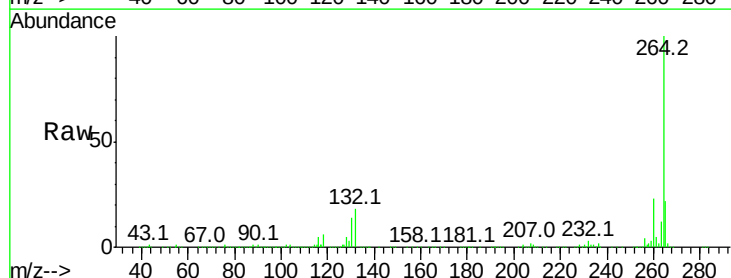
Tgt Ion:264 Resp: 389921

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.1 17.4 26.0



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

