

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
 Data File : BF091823.D
 Acq On : 20 Dec 2016 16:40
 Operator : UM/SJ
 Sample : H6165-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-9-10

Quant Time: Dec 21 00:53:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

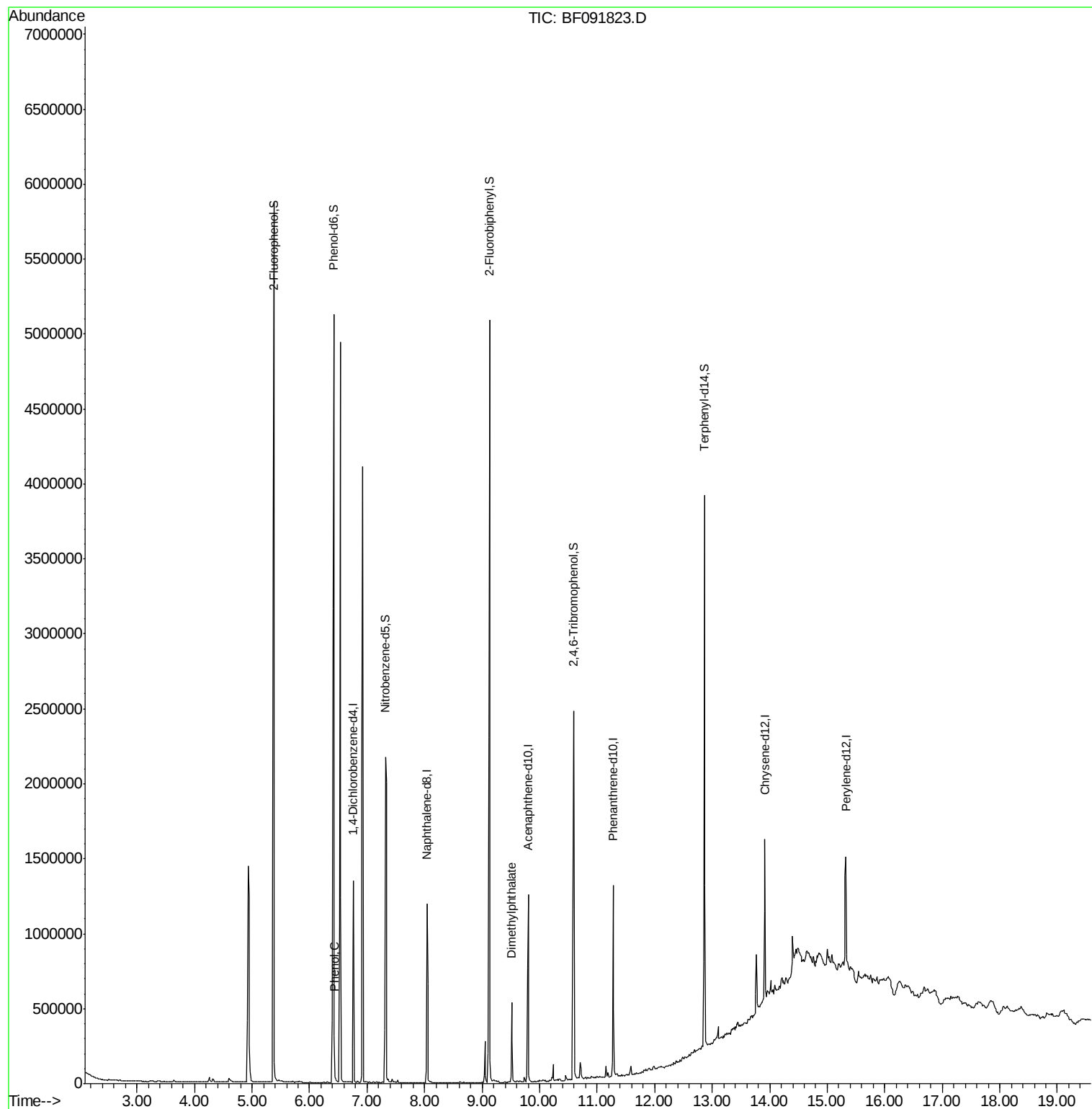
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	191106	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	691814	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	346062	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	503597	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	445792	20.00	ng	-0.01
86) Perylene-d12	15.32	264	408762	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1951458	171.08	ng	0.01
7) Phenol-d6	6.42	99	1971511	141.72	ng	0.00
23) Nitrobenzene-d5	7.32	82	1125937	93.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	328877	112.07	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1793922	104.14	ng	-0.01
78) Terphenyl-d14	12.86	244	1229945	69.66	ng	-0.01
Target Compounds						
10) Phenol	6.43	94	71568	4.56	ng	# 62
49) Dimethylphthalate	9.52	163	276355	12.23	ng	# 99

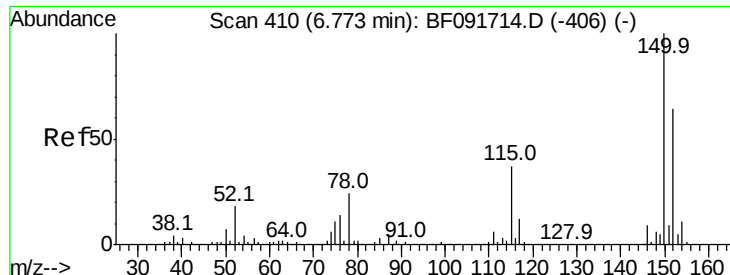
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091823.D

Acq: 20 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleId :

SB-4-9-10

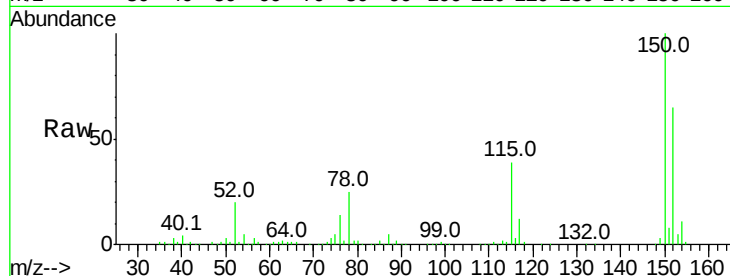
Tot Ion:152 Resp: 191106

Ion Ratio Lower Upper

152 100

150 154.5 124.9 187.3

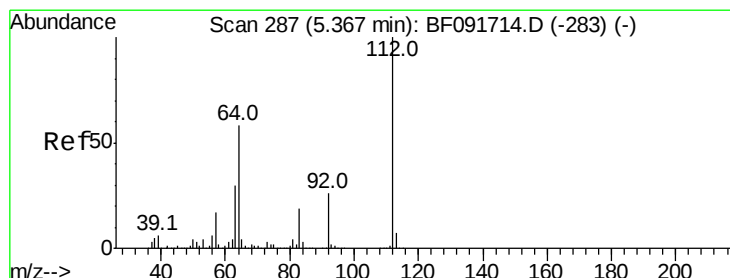
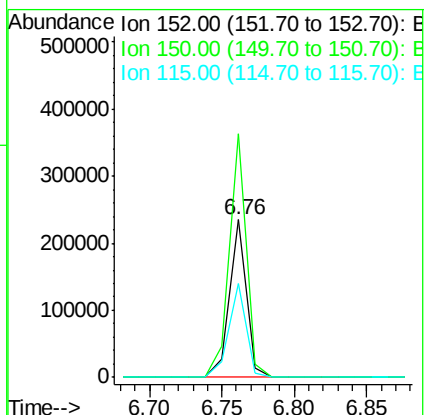
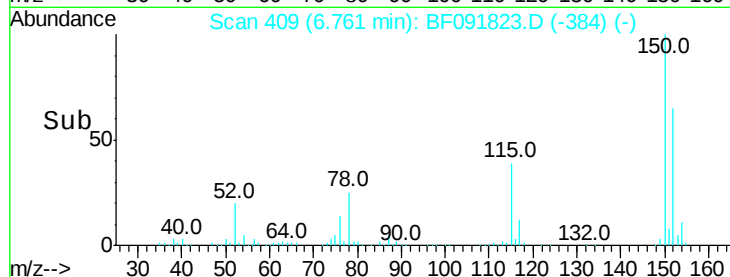
115 59.6 46.0 69.0



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: 171.08 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091823.D

Acq: 20 Dec 2016 16:40

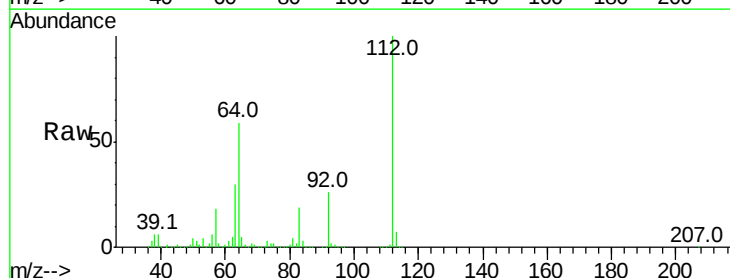
Tgt Ion:112 Resp: 1951458

Ion Ratio Lower Upper

112 100

64 58.9 46.1 69.1

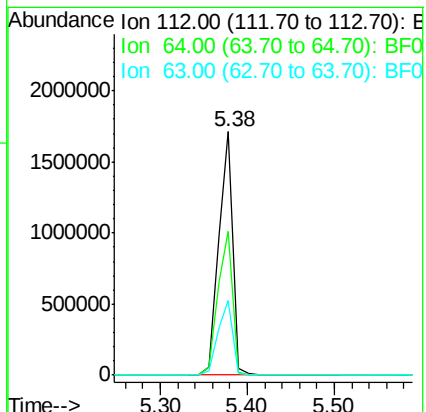
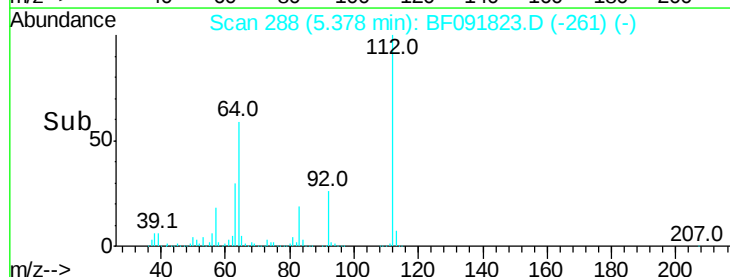
63 30.4 23.8 35.6

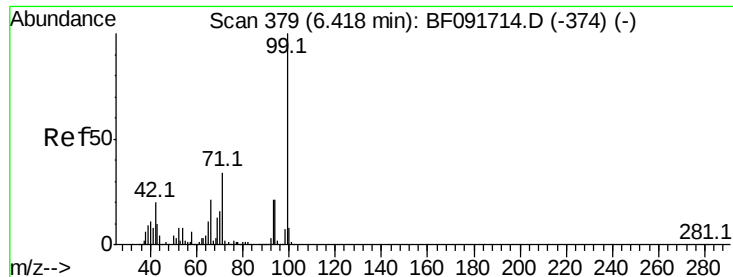


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.72 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091823.D

Acq: 20 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleId :

SB-4-9-10

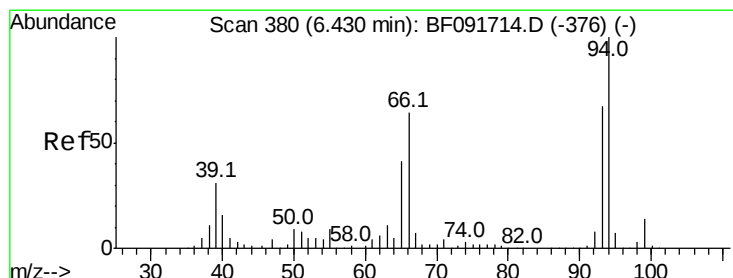
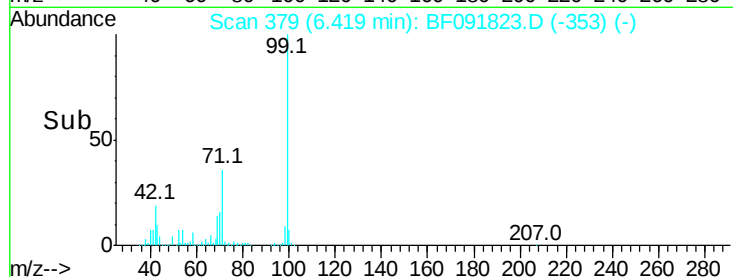
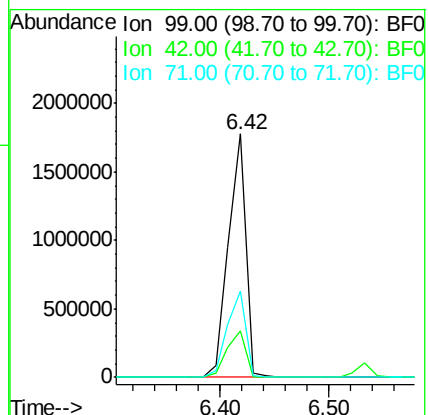
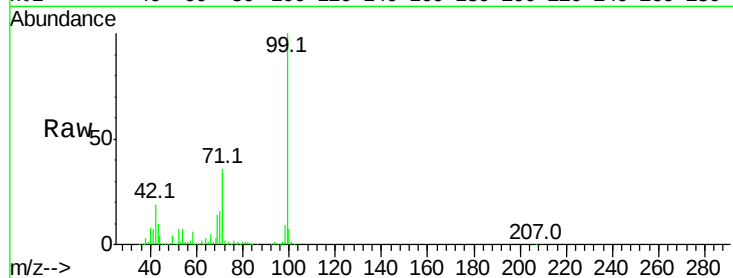
Tot Ion: 99 Resp: 1971511

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

71 35.6 27.5 41.3



#10

Phenol

Concen: 4.56 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091823.D

Acq: 20 Dec 2016 16:40

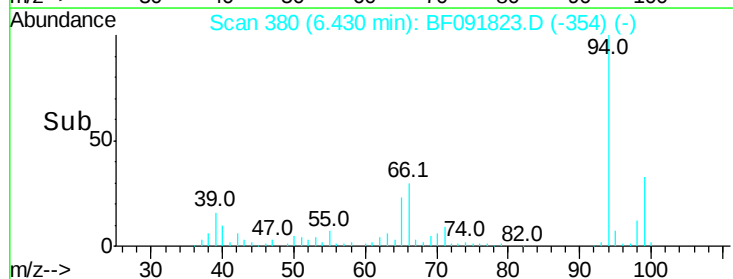
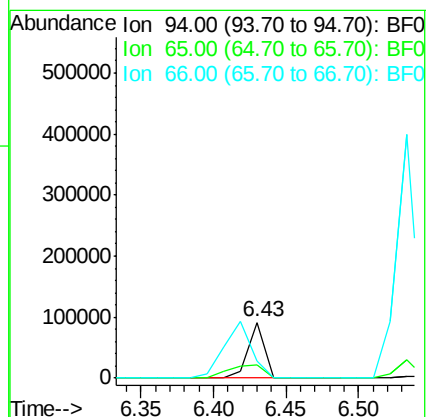
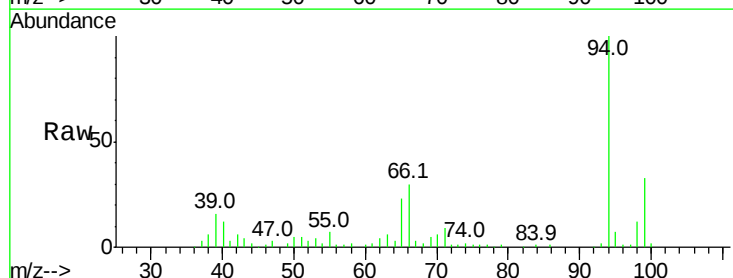
Tgt Ion: 94 Resp: 71568

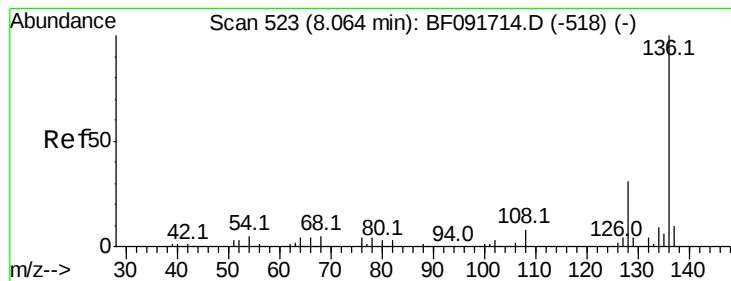
Ion Ratio Lower Upper

94 100

65 23.3 21.4 61.4

66 30.3 44.0 84.0#

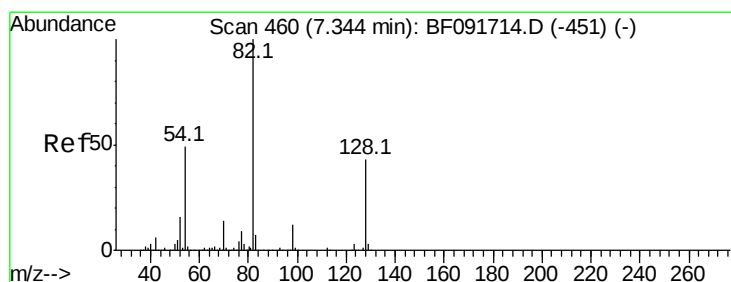
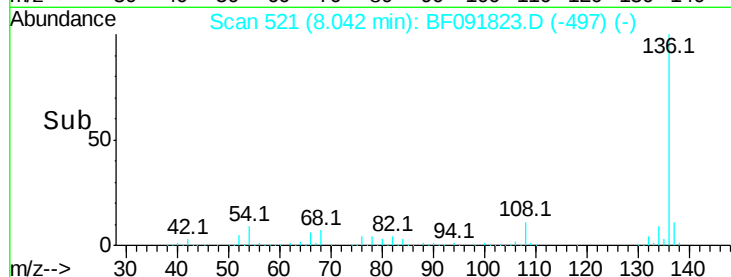
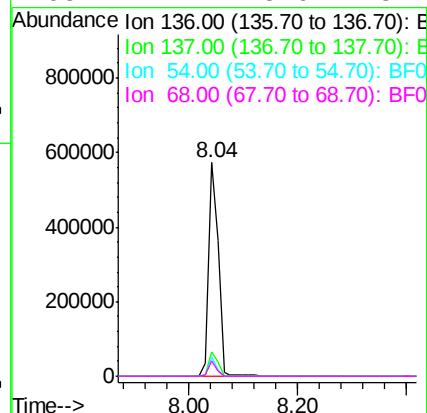
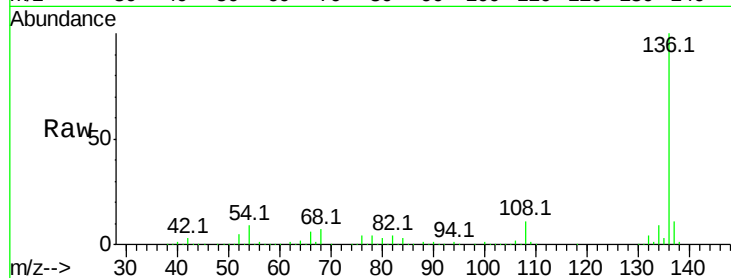




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091823.D
Acq: 20 Dec 2016 16:40

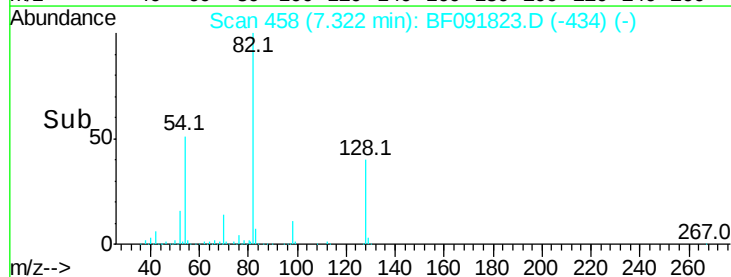
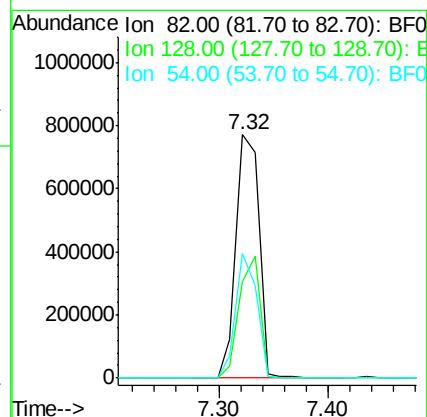
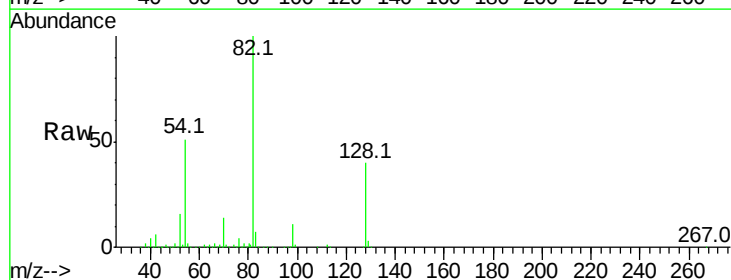
Instrument :
BNA_F
ClientSampleId :
SB-4-9-10

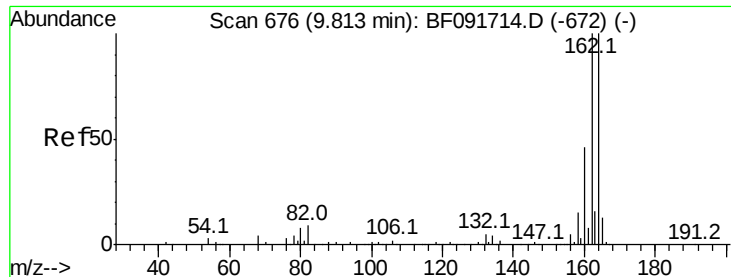
Tot Ion:136	Resp:	691814
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.4 12.6
54	9.2	4.5 6.7#
68	7.1	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 93.86 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091823.D
Acq: 20 Dec 2016 16:40

Tgt Ion: 82	Resp:	1125937
Ion Ratio	Lower	Upper
82	100	
128	39.6	34.6 52.0
54	51.4	39.5 59.3

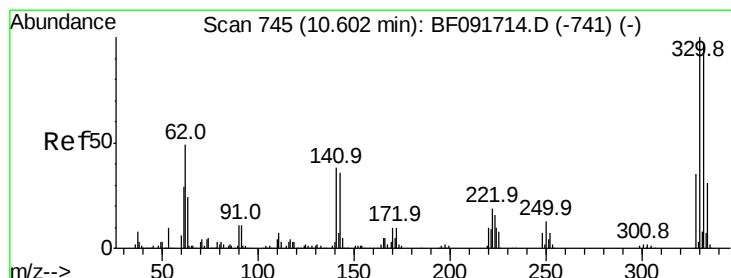
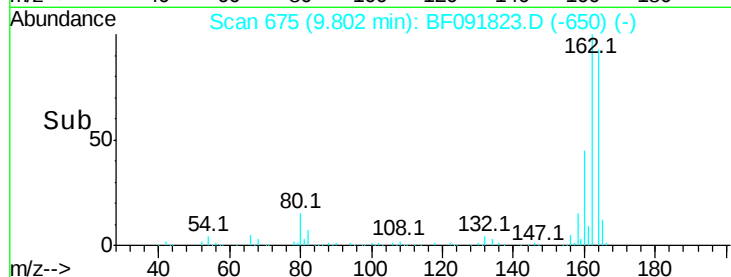
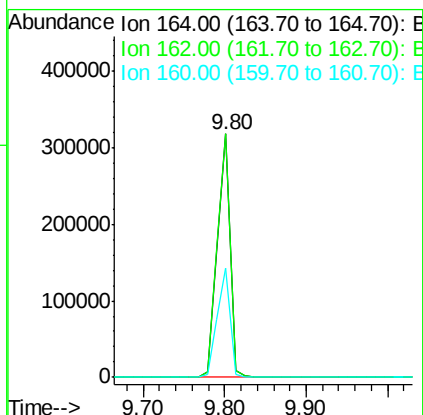
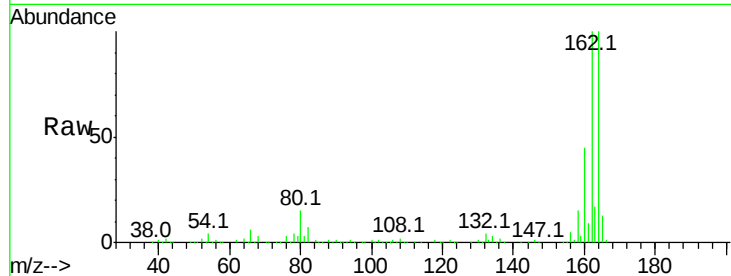




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091823.D
Acq: 20 Dec 2016 16:40

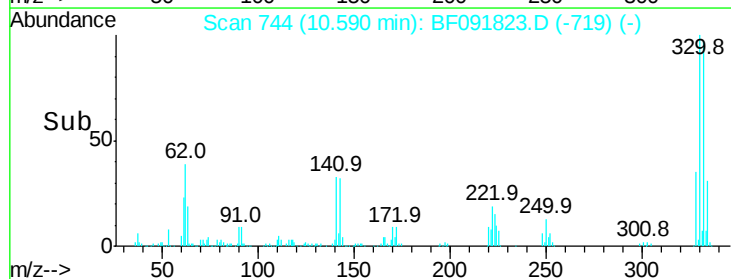
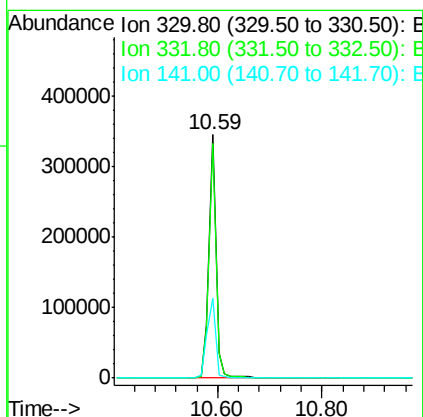
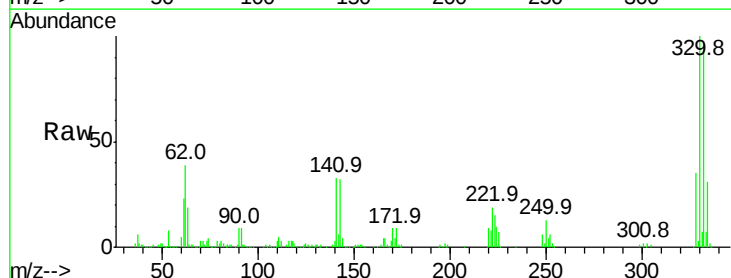
Instrument :
BNA_F
ClientSampleId :
SB-4-9-10

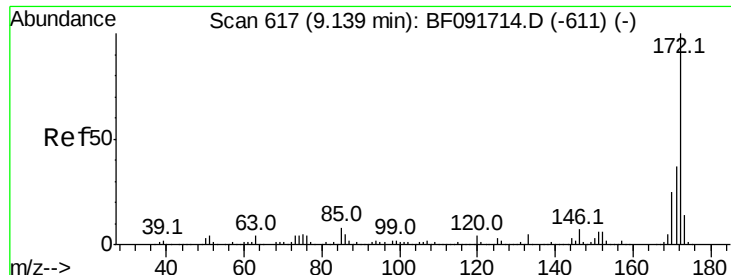
Tot Ion:164 Resp: 346062
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.2
160 44.9 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 112.07 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091823.D
Acq: 20 Dec 2016 16:40

Tgt Ion:330 Resp: 328877
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 38.8 34.1 51.1

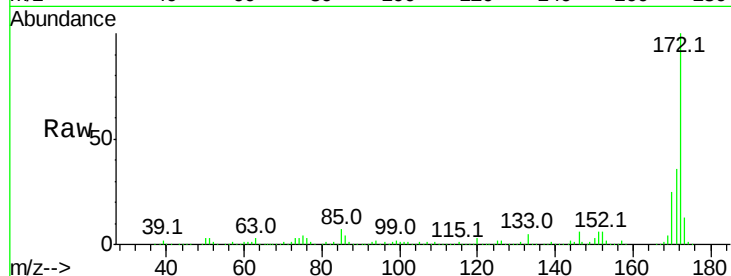




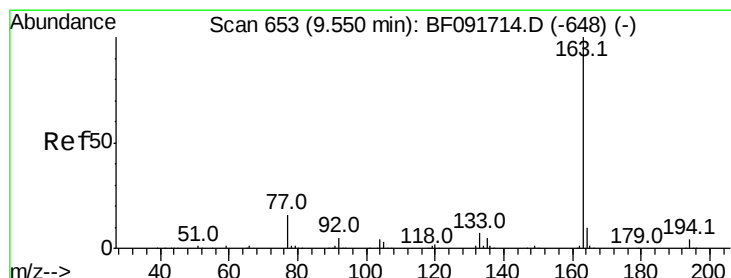
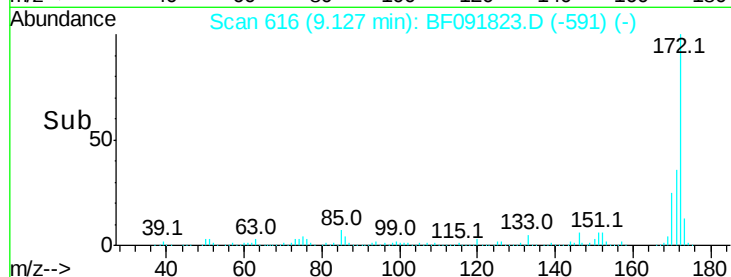
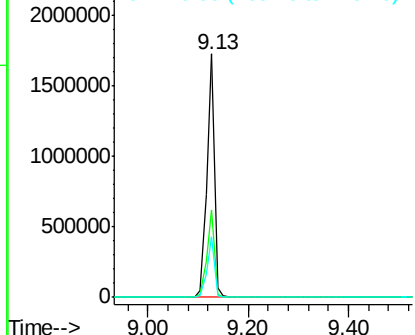
#44
2-Fluorobiphenyl
Concen: 104.14 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091823.D
Acq: 20 Dec 2016 16:40

Instrument :
BNA_F
ClientSampleId :
SB-4-9-10

Tot Ion:172 Resp: 1793922
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.8 20.2 30.4

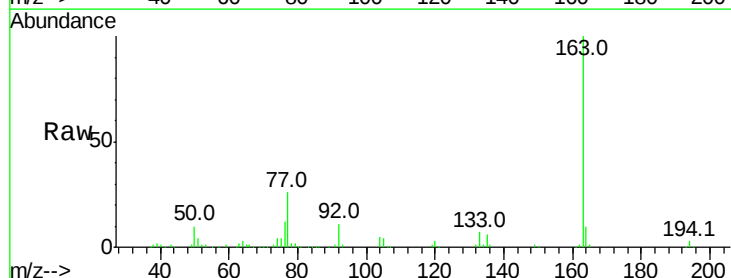


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

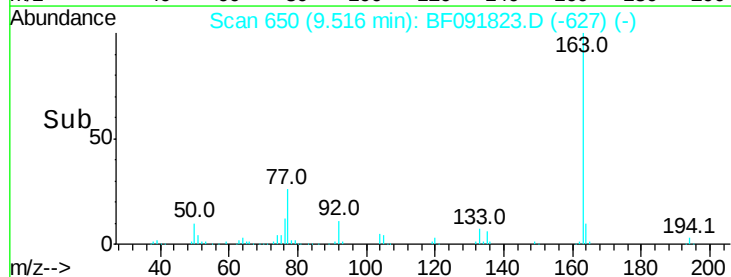
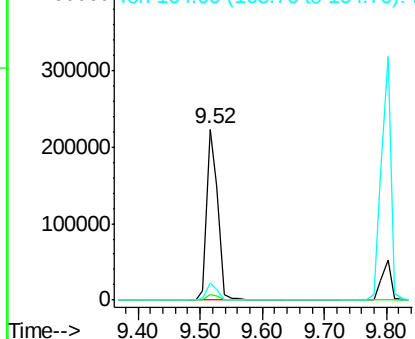


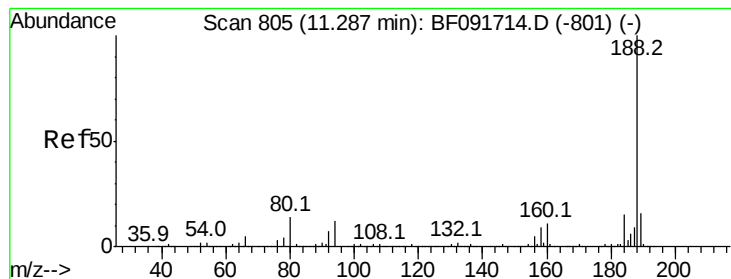
#49
Dimethylphthalate
Concen: 12.23 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF091823.D
Acq: 20 Dec 2016 16:40

Tgt Ion:163 Resp: 276355
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 10.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF091823.D

Acq: 20 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleId :

SB-4-9-10

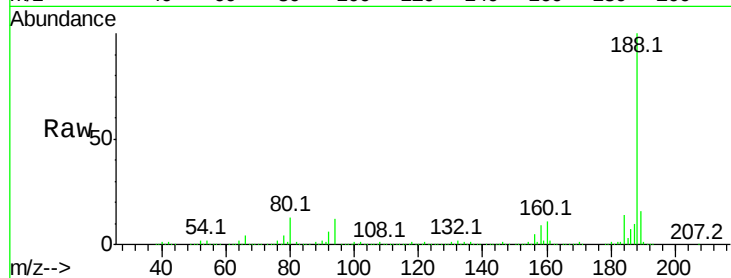
Tot Ion:188 Resp: 503597

Ion Ratio Lower Upper

188 100

94 11.7 10.0 15.0

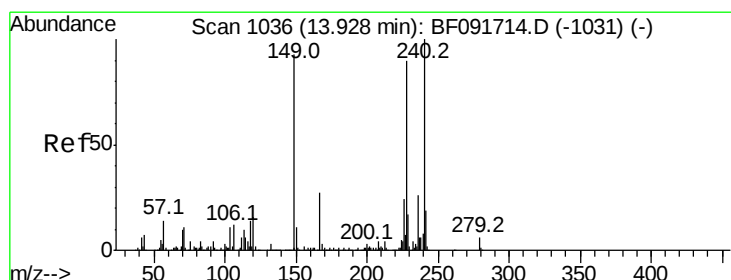
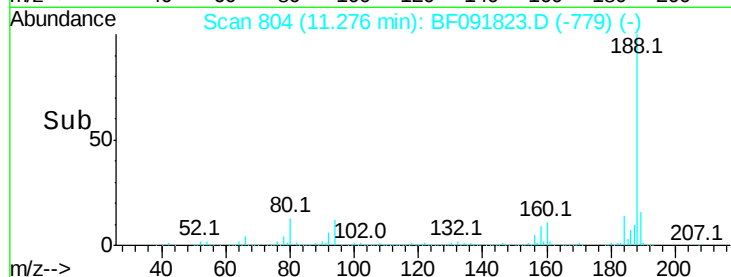
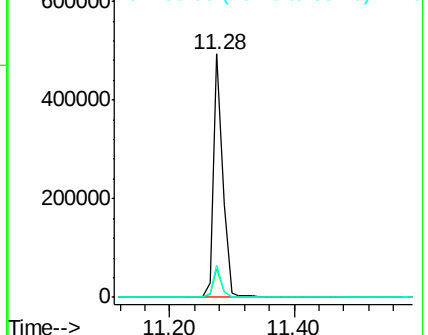
80 13.1 11.2 16.8



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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091823.D

Acq: 20 Dec 2016 16:40

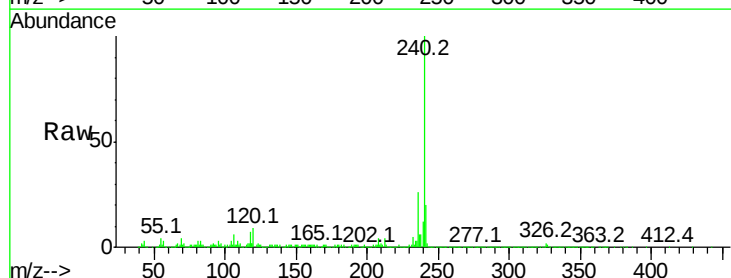
Tgt Ion:240 Resp: 445792

Ion Ratio Lower Upper

240 100

120 8.8 12.9 19.3#

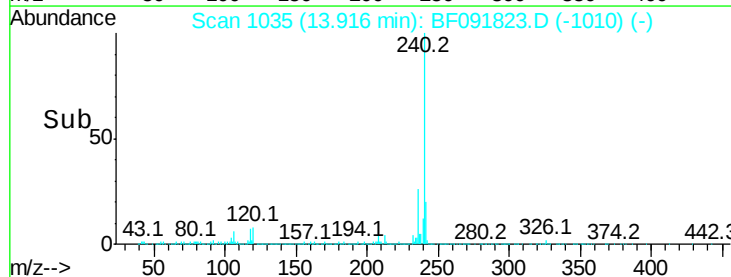
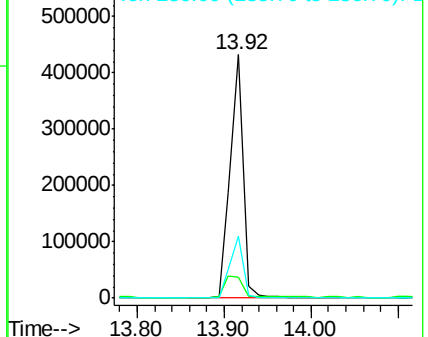
236 25.6 20.9 31.3

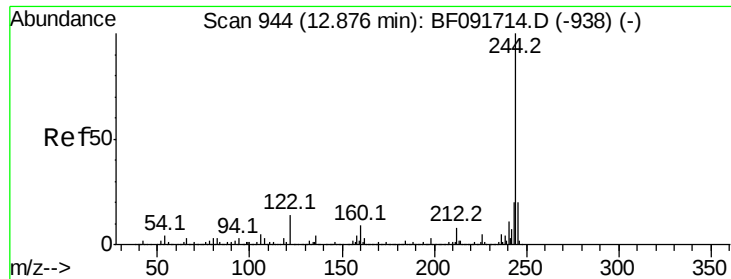


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.66 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091823.D

Acq: 20 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleId :

SB-4-9-10

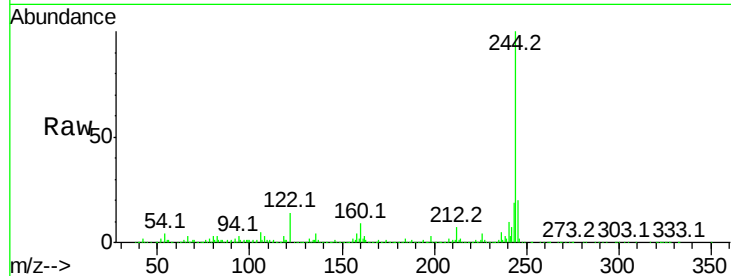
Tot Ion:244 Resp: 1229945

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

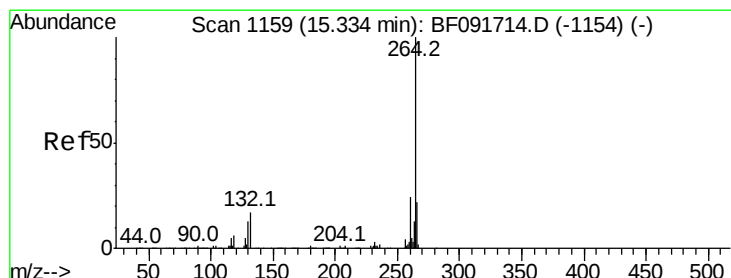
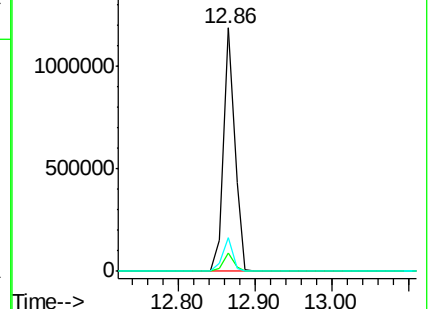
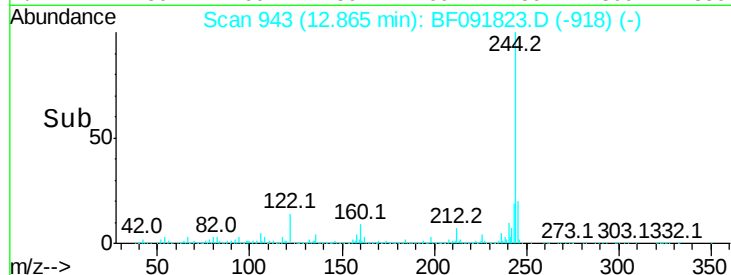
122 13.7 11.4 17.2



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: 15.32 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF091823.D

Acq: 20 Dec 2016 16:40

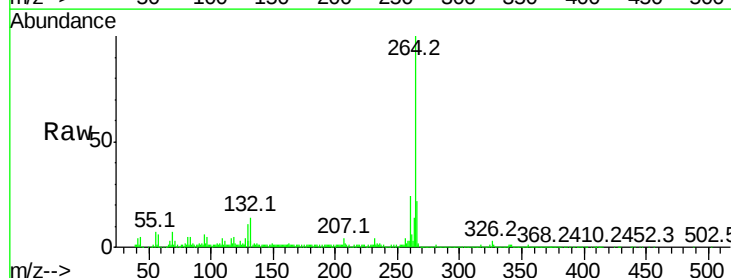
Tgt Ion:264 Resp: 408762

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.0 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

