

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091632.D
 Acq On : 15 Dec 2016 17:01
 Operator : UM/SJ
 Sample : H6012-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-5

Quant Time: Dec 16 00:41:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

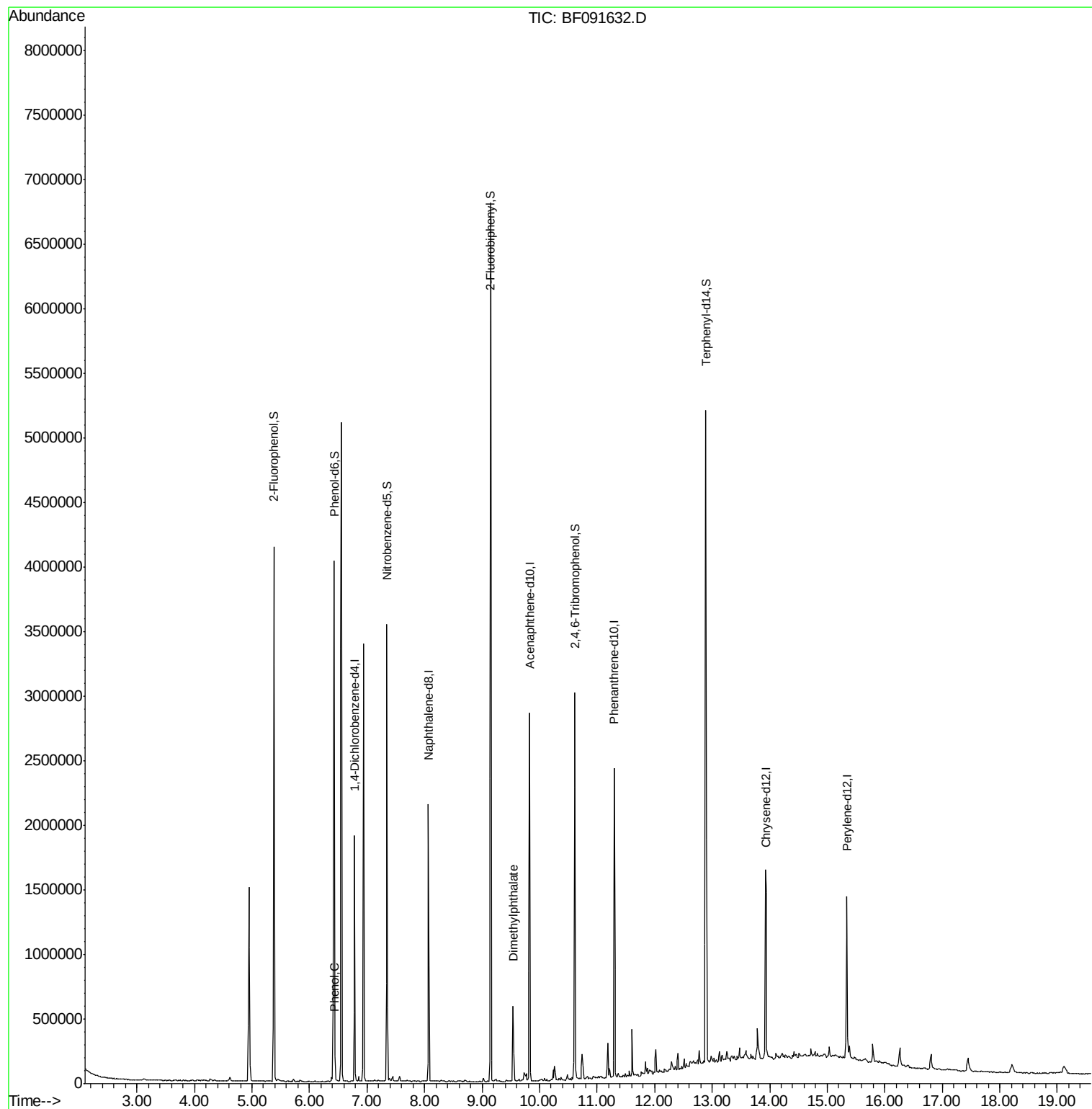
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	288614	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1096765	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	618228	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	912442	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	717436	20.00	ng	0.00
86) Perylene-d12	15.35	264	636131	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1589095	92.76	ng	0.00
7) Phenol-d6	6.43	99	2141173	100.26	ng	0.00
23) Nitrobenzene-d5	7.34	82	1193184	60.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	475280	92.56	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2146544	59.99	ng	0.00
78) Terphenyl-d14	12.89	244	1738566	54.99	ng	-0.01
Target Compounds						
10) Phenol	6.44	94	89485	3.58	ng	Qvalue # 72
49) Dimethylphthalate	9.54	163	254847	6.51	ng	98

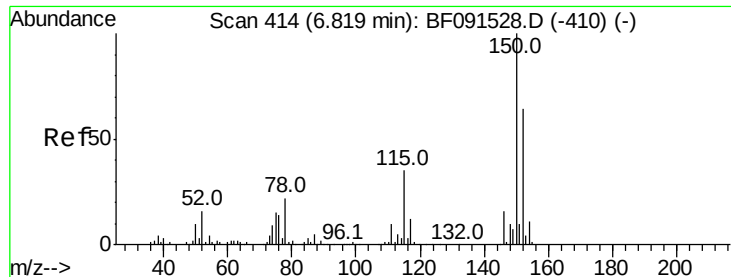
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF091632.D

Acq: 15 Dec 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SB-3-4-5

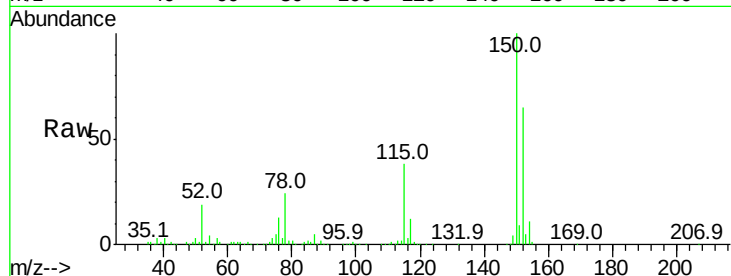
Tot Ion:152 Resp: 288614

Ion Ratio Lower Upper

152 100

150 152.7 122.5 183.7

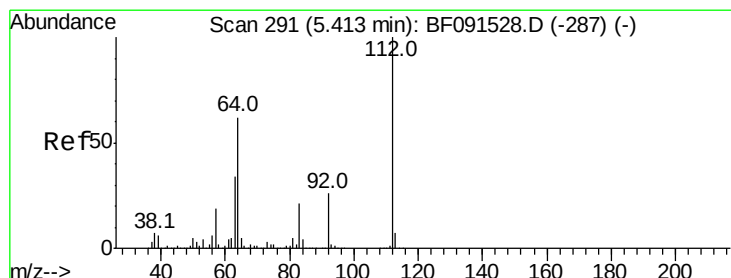
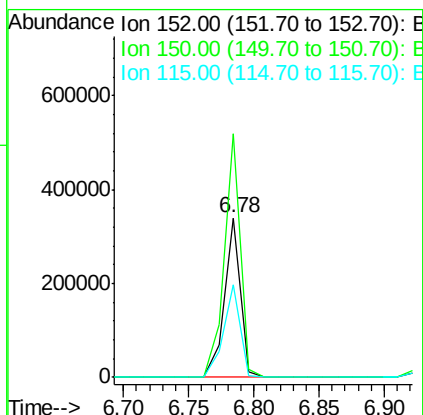
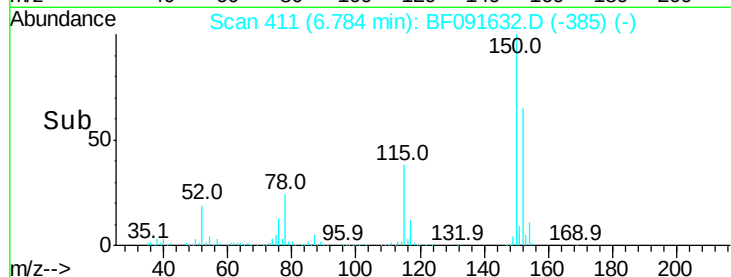
115 58.1 51.8 77.8



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: 92.76 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF091632.D

Acq: 15 Dec 2016 17:01

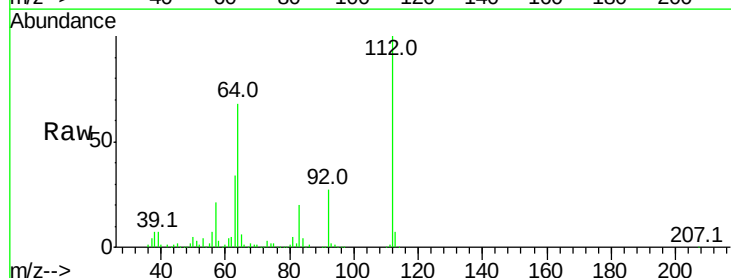
Tgt Ion:112 Resp: 1589095

Ion Ratio Lower Upper

112 100

64 67.7 61.5 92.3

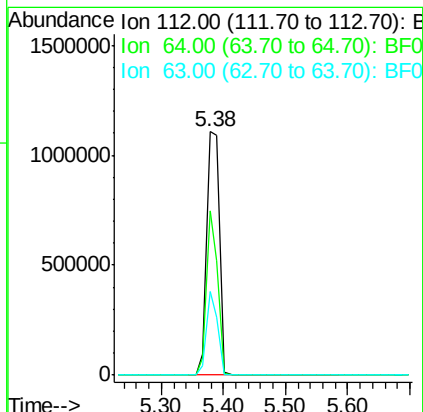
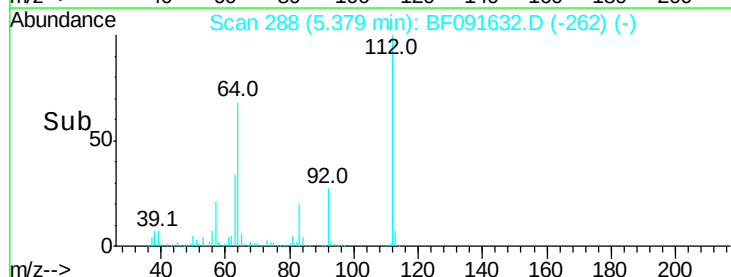
63 34.4 33.3 49.9

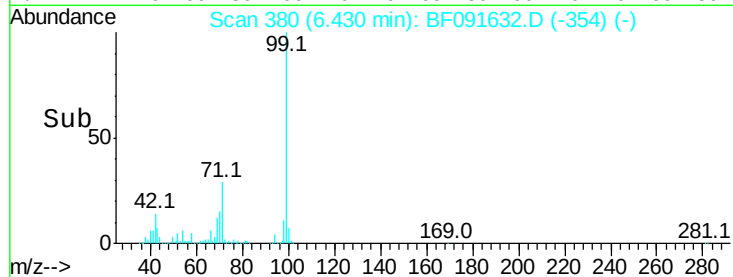
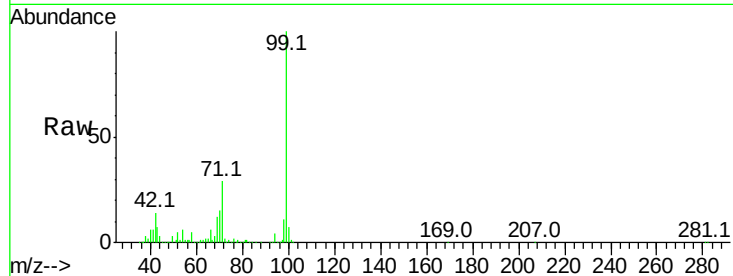
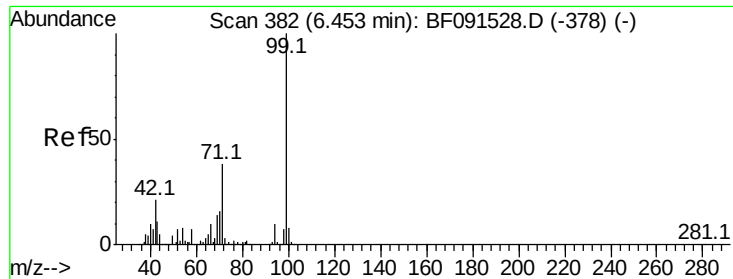


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.26 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091632.D

Acq: 15 Dec 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SB-3-4-5

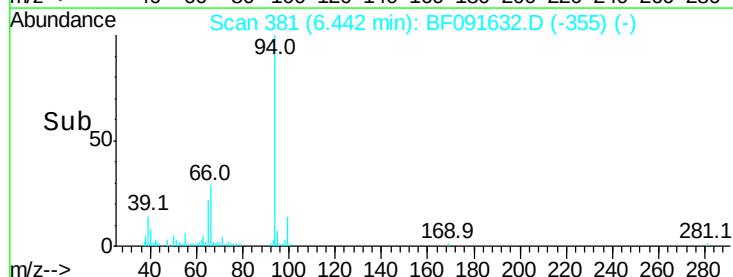
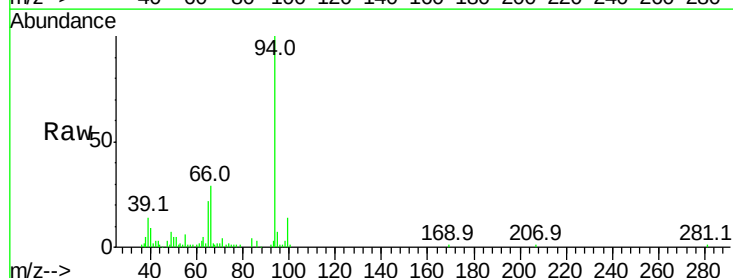
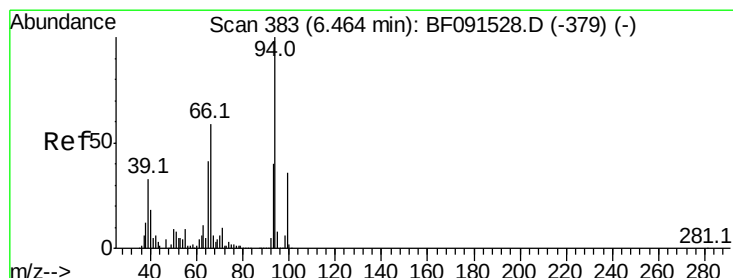
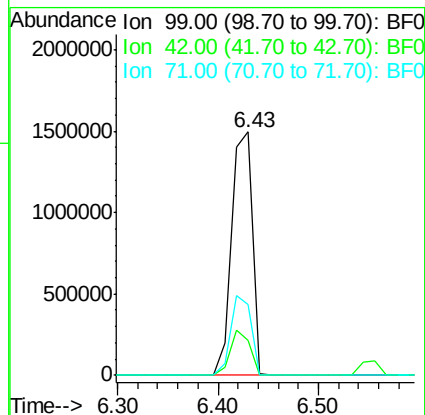
Tot Ion: 99 Resp: 2141173

Ion Ratio Lower Upper

99 100

42 14.2 20.6 31.0#

71 29.2 29.9 44.9#



#10

Phenol

Concen: 3.58 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF091632.D

Acq: 15 Dec 2016 17:01

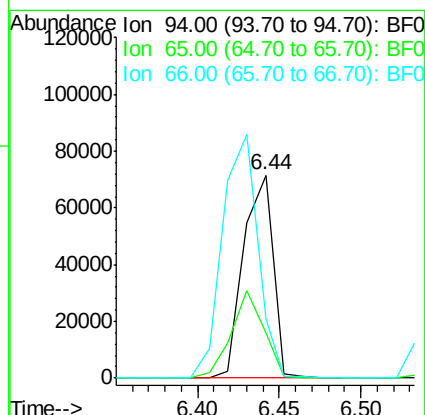
Tgt Ion: 94 Resp: 89485

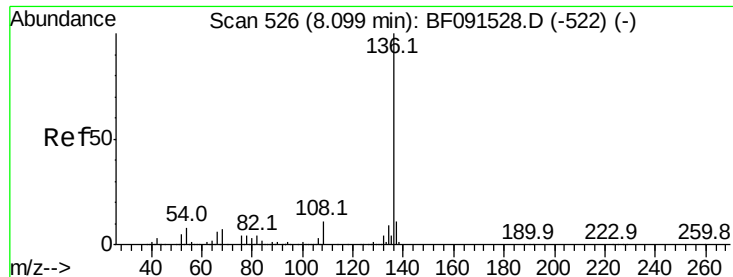
Ion Ratio Lower Upper

94 100

65 22.4 16.9 56.9

66 29.4 30.6 70.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091632.D

Acq: 15 Dec 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SB-3-4-5

Tot Ion:136 Resp: 1096765

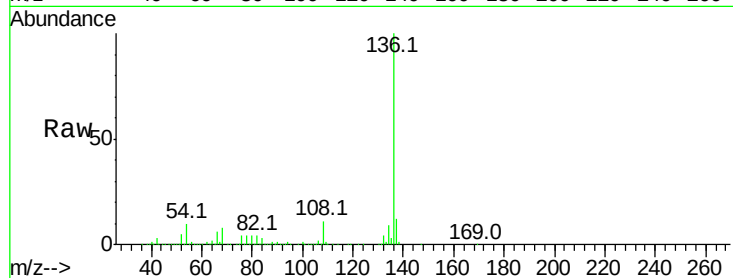
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 9.9 9.1 13.7

68 7.6 5.9 8.9

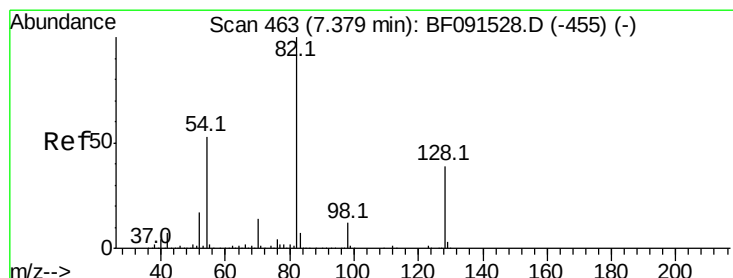
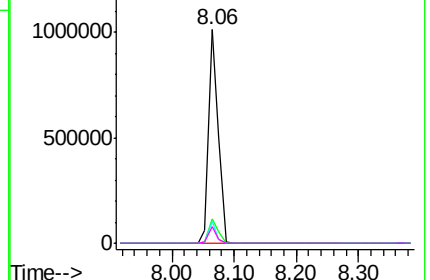
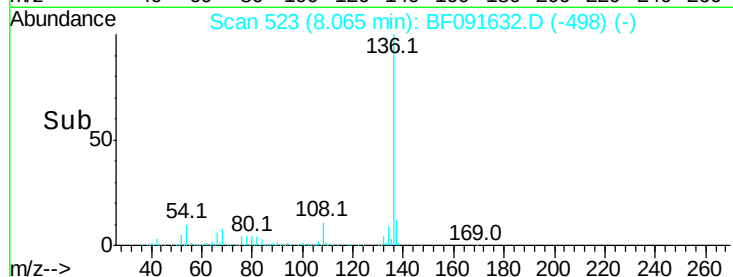


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.72 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF091632.D

Acq: 15 Dec 2016 17:01

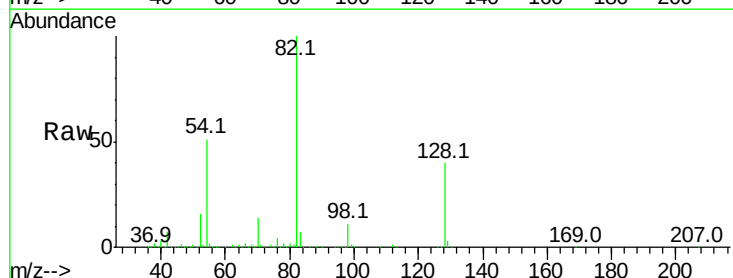
Tgt Ion: 82 Resp: 1193184

Ion Ratio Lower Upper

82 100

128 39.6 31.8 47.6

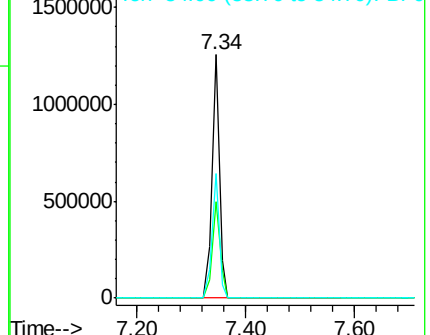
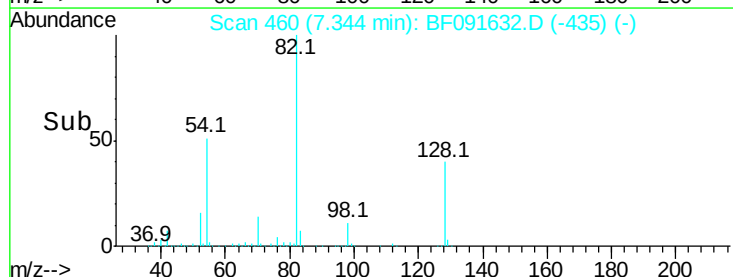
54 51.0 49.1 73.7

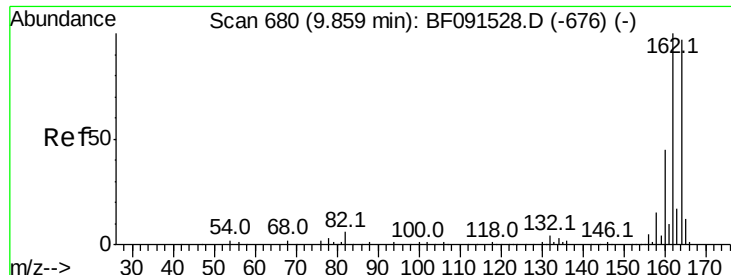


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

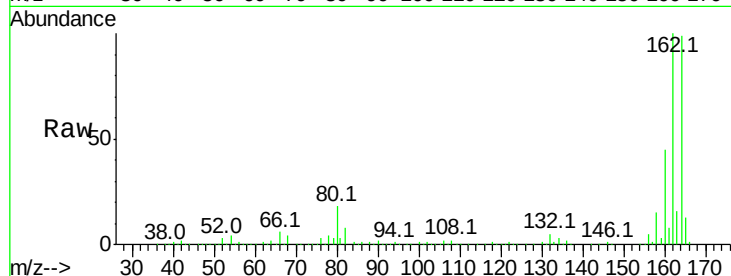




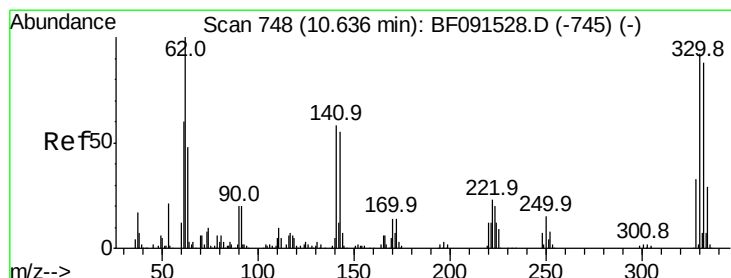
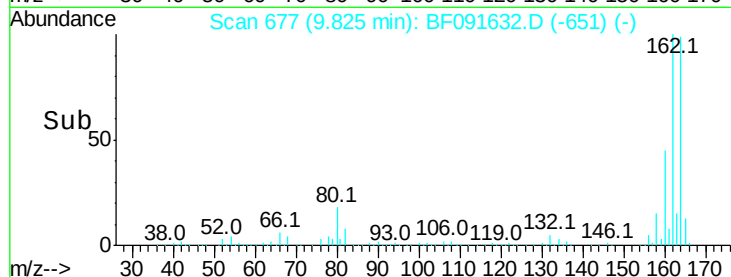
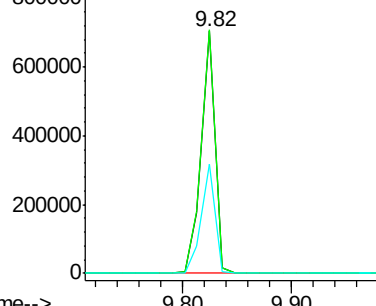
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF091632.D
 Acq: 15 Dec 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-5

Tot Ion:164 Resp: 618228
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.6 124.0
 160 44.9 36.7 55.1

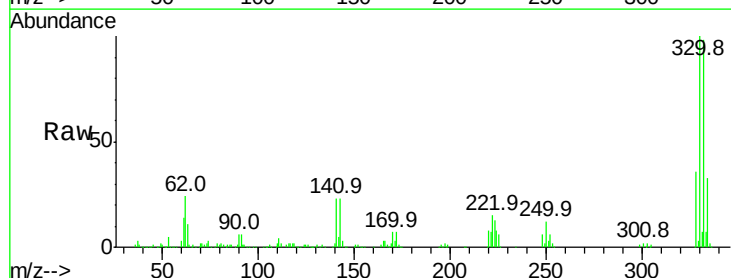


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

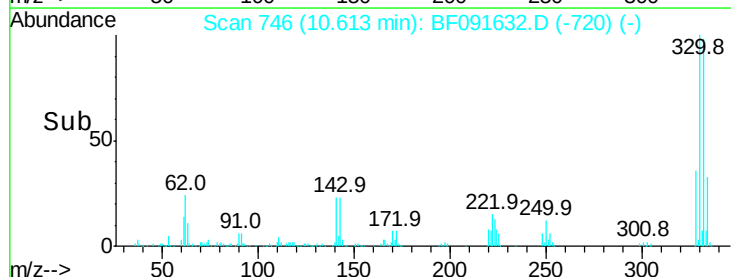
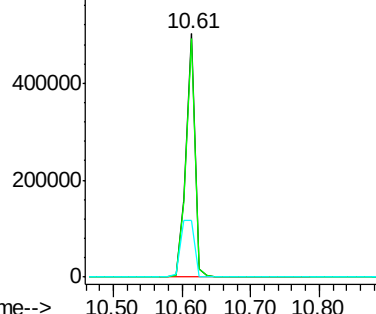


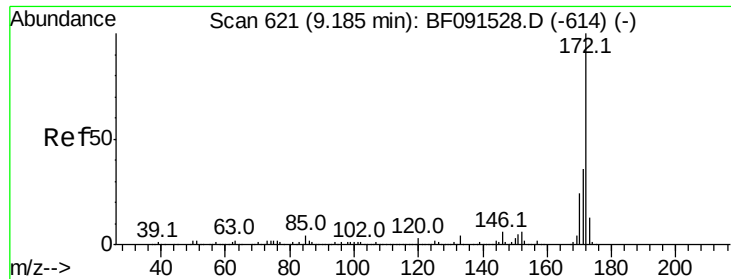
#41
 2,4,6-Tribromophenol
 Concen: 92.56 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF091632.D
 Acq: 15 Dec 2016 17:01

Tgt Ion:330 Resp: 475280
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.2 114.4
 141 35.8 33.6 50.4



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: 59.99 ng

RT: 9.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF091632.D

Acq: 15 Dec 2016 17:01

Instrument :

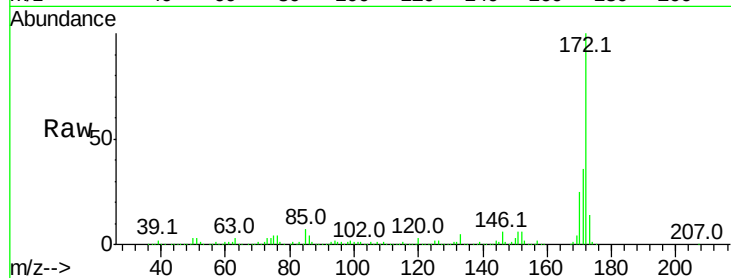
BNA_F

ClientSampleId :

SB-3-4-5

Tot Ion:172 Resp: 2146544

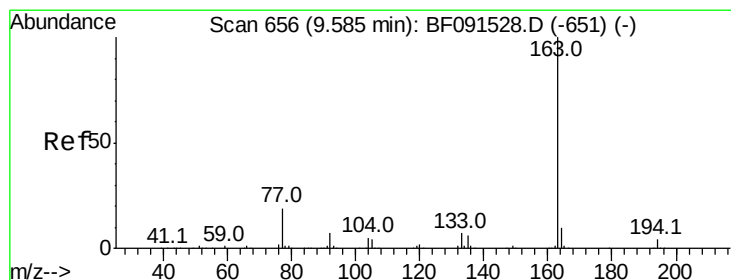
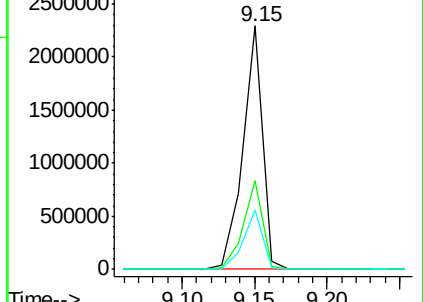
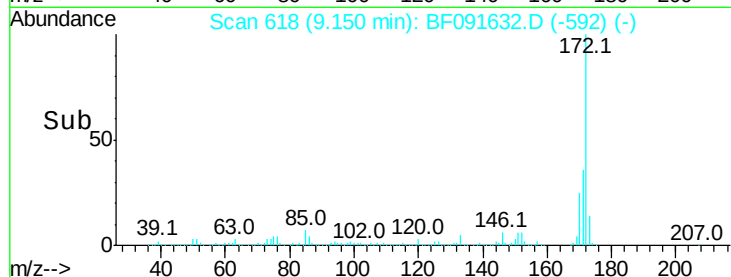
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.5	19.7	29.5



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: 6.51 ng

RT: 9.54 min Scan# 652

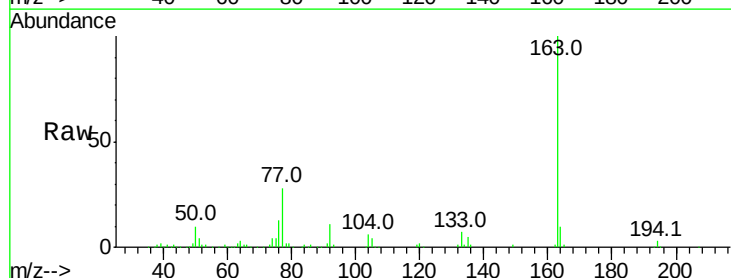
Delta R.T. -0.02 min

Lab File: BF091632.D

Acq: 15 Dec 2016 17:01

Tgt Ion:163 Resp: 254847

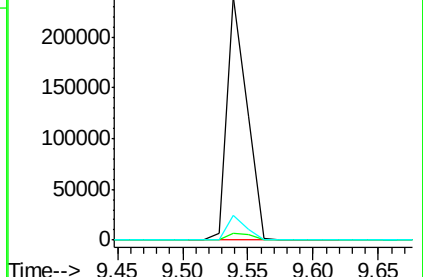
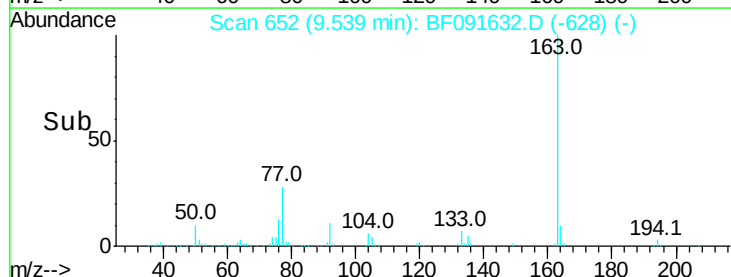
Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	10.3	7.8	11.8

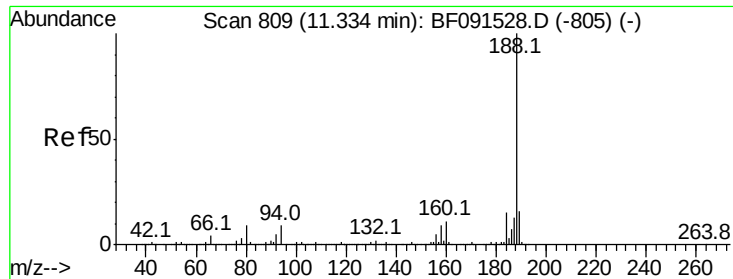


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

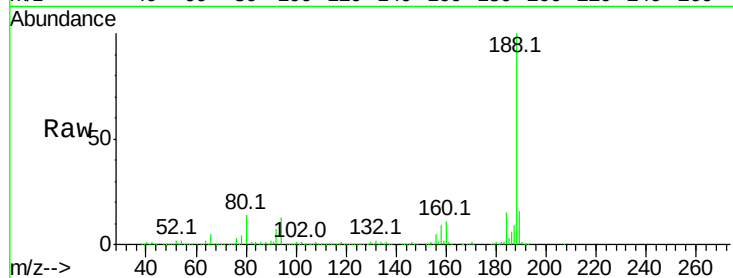




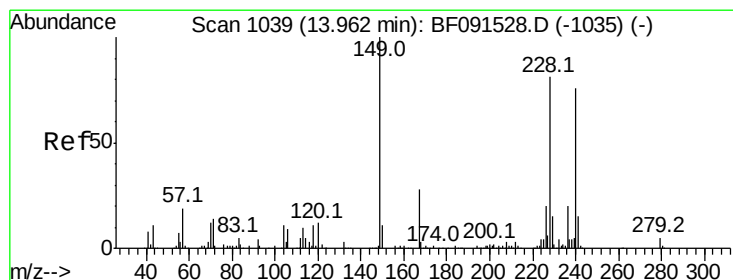
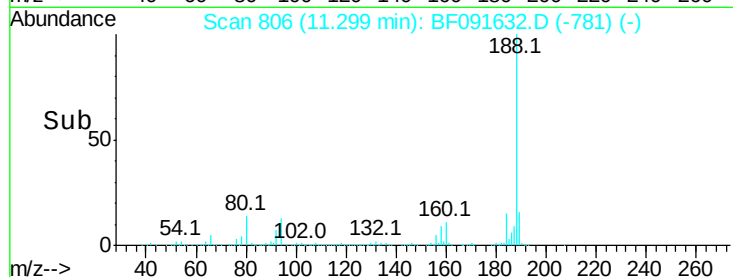
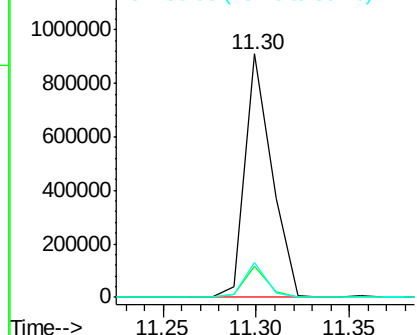
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091632.D
Acq: 15 Dec 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SB-3-4-5

Tot Ion:188 Resp: 912442
Ion Ratio Lower Upper
188 100
94 13.0 9.2 13.8
80 14.1 10.5 15.7

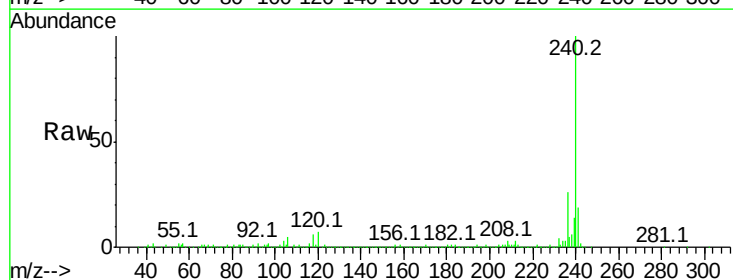


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

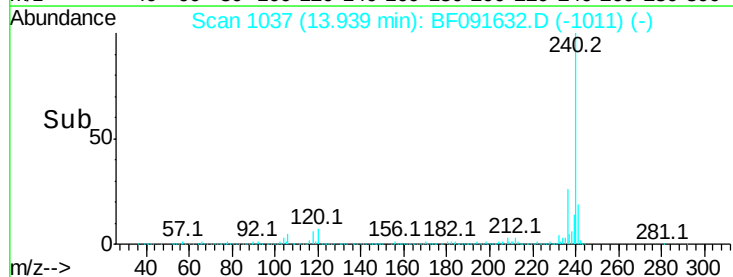
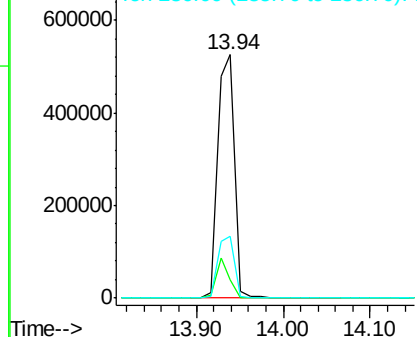


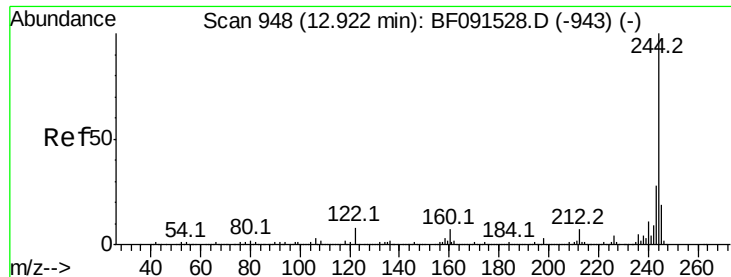
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF091632.D
Acq: 15 Dec 2016 17:01

Tgt Ion:240 Resp: 717436
Ion Ratio Lower Upper
240 100
120 7.5 12.1 18.1#
236 25.7 21.0 31.6



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: 54.99 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091632.D

Acq: 15 Dec 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SB-3-4-5

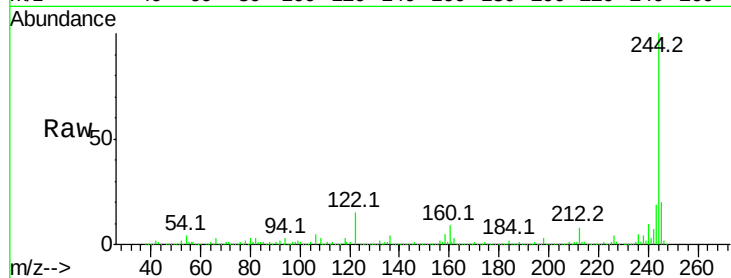
Tot Ion:244 Resp: 1738566

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

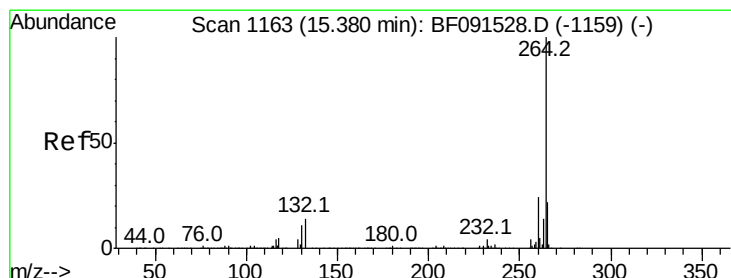
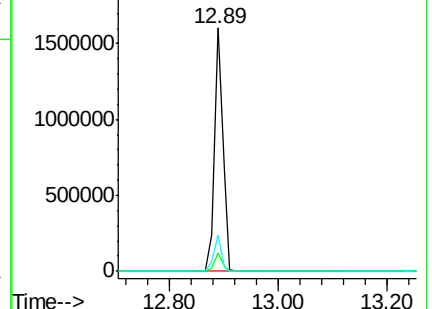
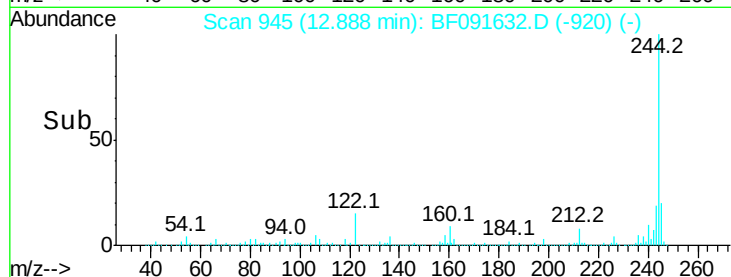
122 14.6 9.5 14.3#



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: 15.35 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF091632.D

Acq: 15 Dec 2016 17:01

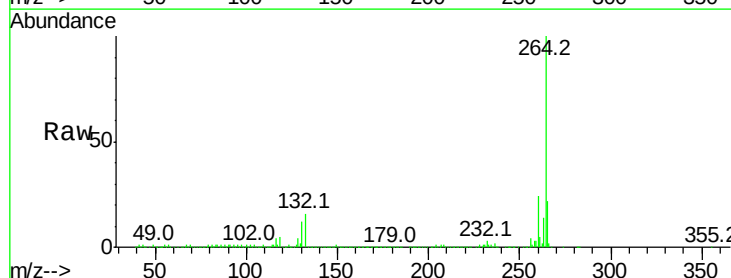
Tgt Ion:264 Resp: 636131

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.8 17.0 25.6



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

