

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091740.D
 Acq On : 18 Dec 2016 17:02
 Operator : UM/SJ
 Sample : H6125-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16

Quant Time: Dec 19 03:13:49 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

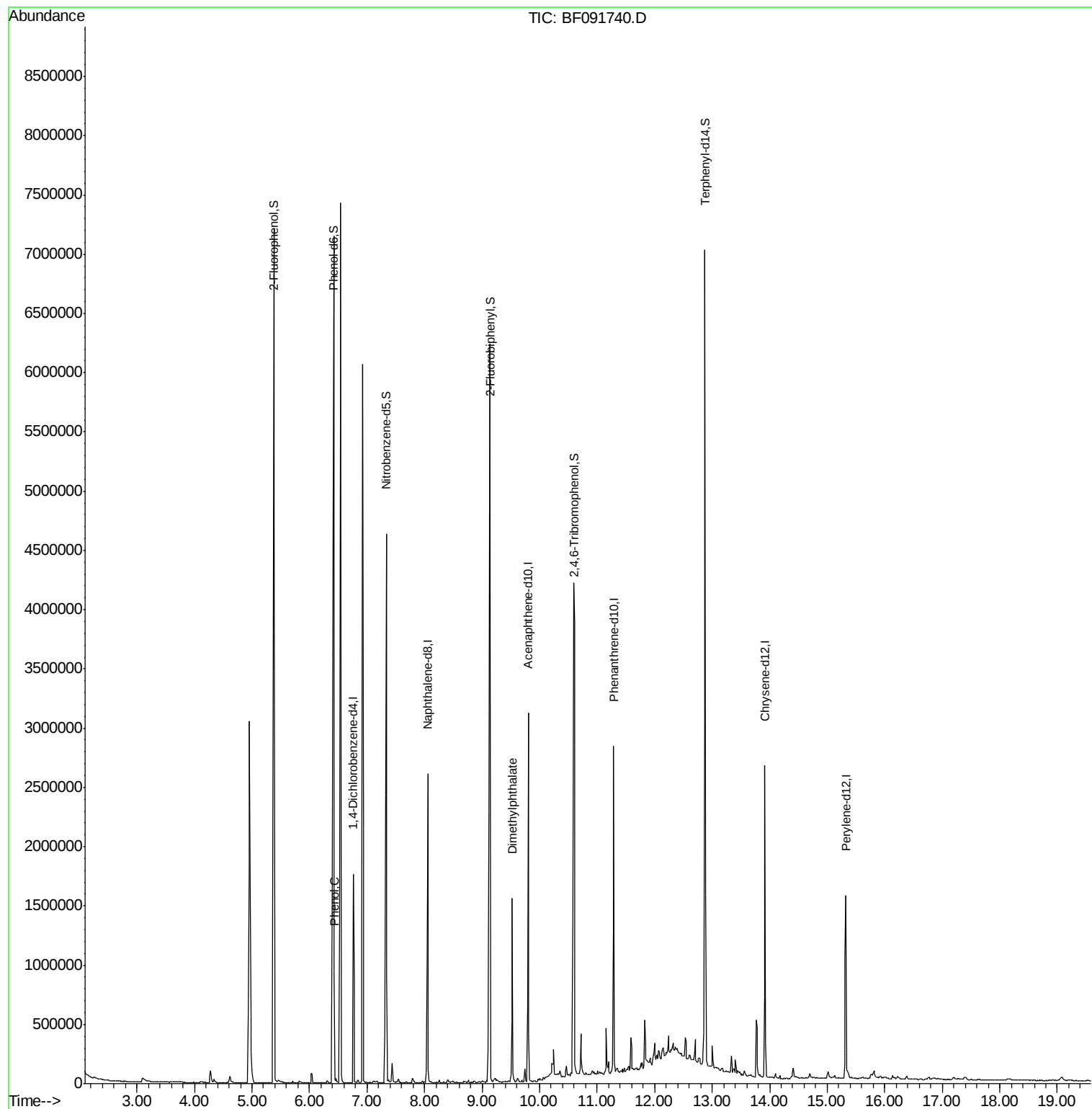
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	309939	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1330168	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	679055	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1130208	20.00	ng	0.00
75) Chrysene-d12	13.92	240	899414	20.00	ng	-0.01
86) Perylene-d12	15.32	264	733602	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	3192045	172.55	ng	0.01
7) Phenol-d6	6.42	99	3188570	141.33	ng	0.00
23) Nitrobenzene-d5	7.33	82	2021428	87.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	868919	150.90	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	3299182	97.61	ng	0.00
78) Terphenyl-d14	12.88	244	2560645	71.89	ng	0.00
Target Compounds						
10) Phenol	6.43	94	244529	9.62	ng	Qvalue # 63
49) Dimethylphthalate	9.53	163	683895	15.42	ng	100

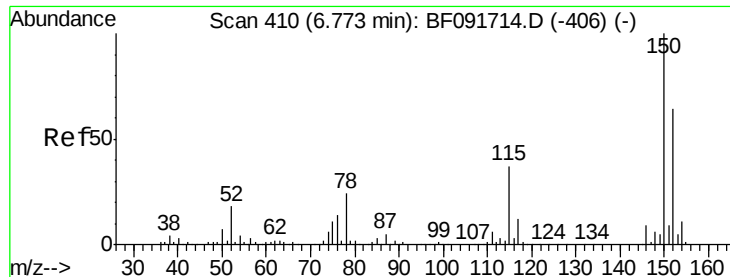
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091740.D

Acq: 18 Dec 2016 17:02

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16

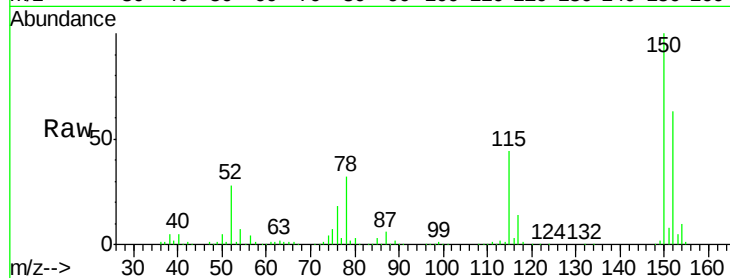
Tot Ion:152 Resp: 309939

Ion Ratio Lower Upper

152 100

150 158.2 124.9 187.3

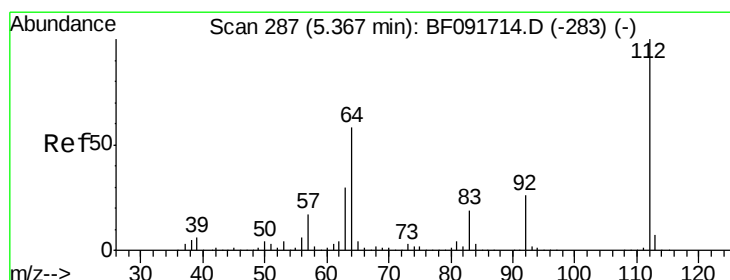
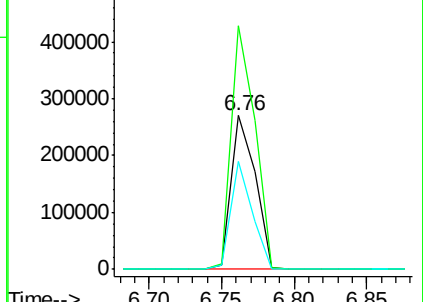
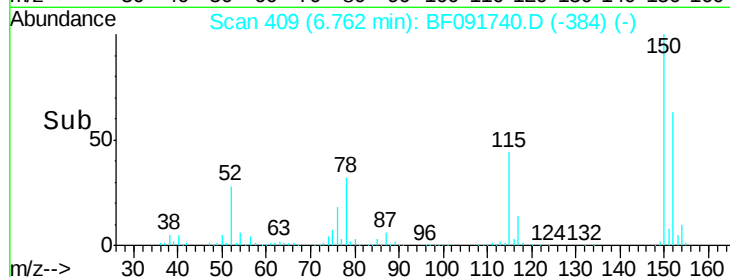
115 69.7 46.0 69.0#



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: 172.55 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091740.D

Acq: 18 Dec 2016 17:02

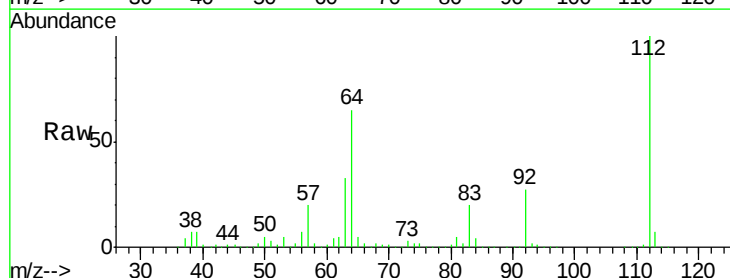
Tgt Ion:112 Resp: 3192045

Ion Ratio Lower Upper

112 100

64 64.7 46.1 69.1

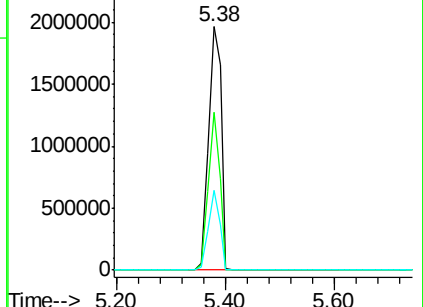
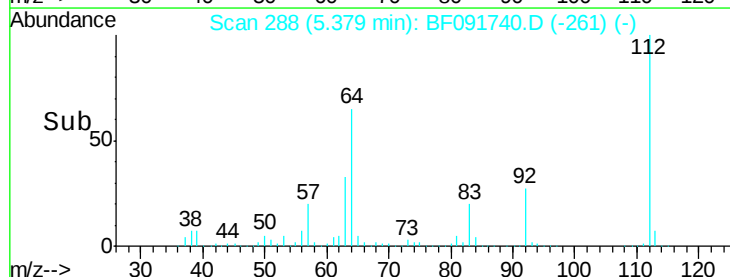
63 33.0 23.8 35.6

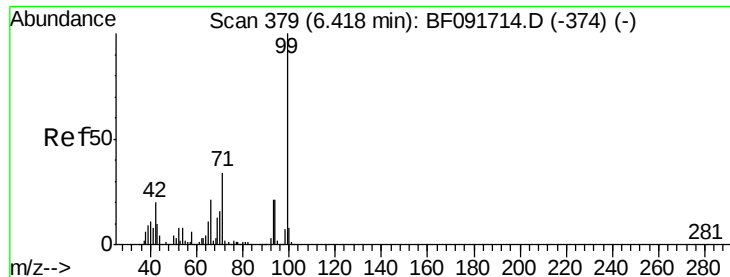


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.33 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091740.D

Acq: 18 Dec 2016 17:02

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16

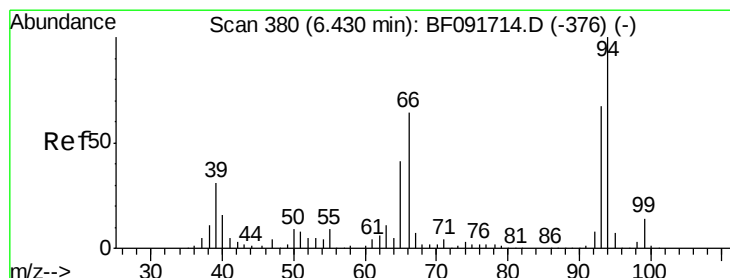
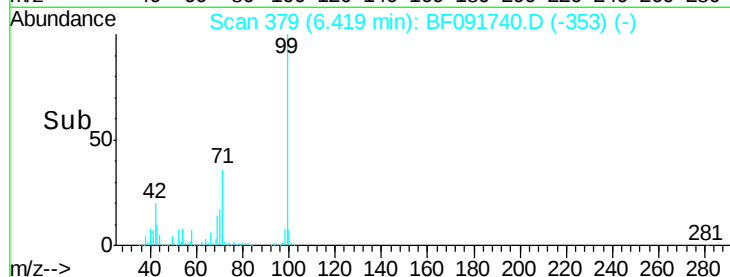
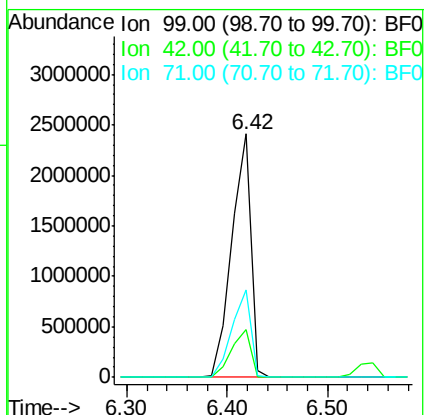
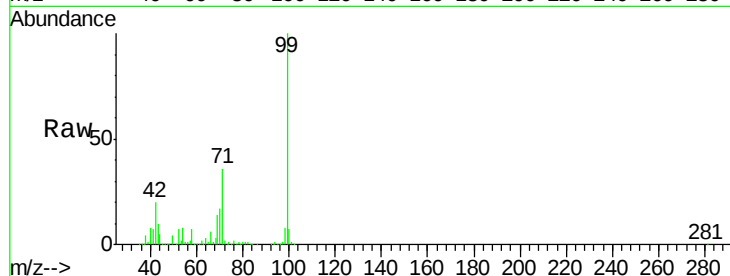
Tot Ion: 99 Resp: 3188570

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

71 36.0 27.5 41.3



#10

Phenol

Concen: 9.62 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091740.D

Acq: 18 Dec 2016 17:02

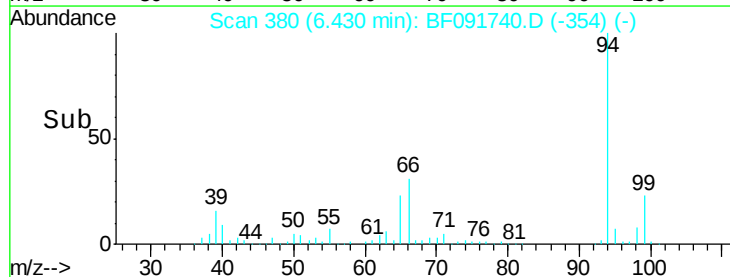
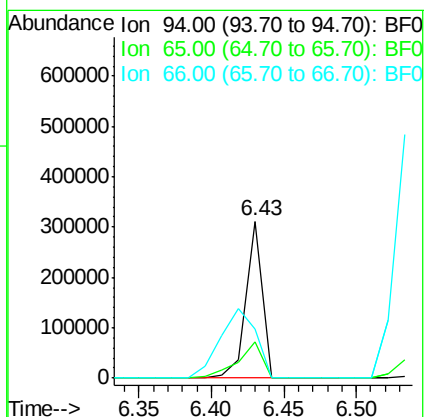
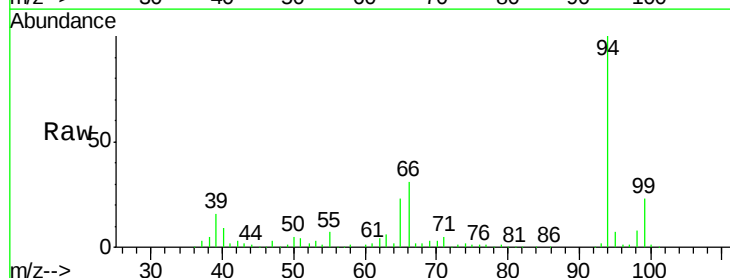
Tgt Ion: 94 Resp: 244529

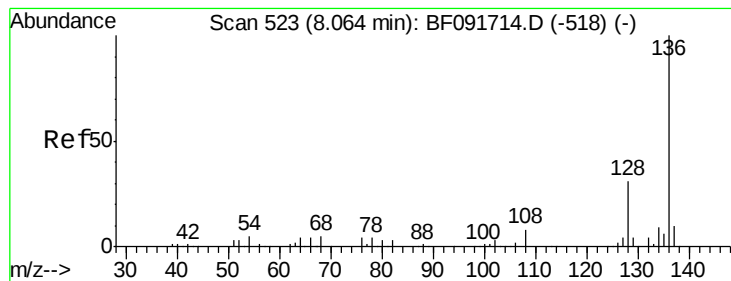
Ion Ratio Lower Upper

94 100

65 23.4 21.4 61.4

66 31.4 44.0 84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091740.D

Acq: 18 Dec 2016 17:02

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16

Tot Ion:136 Resp: 1330168

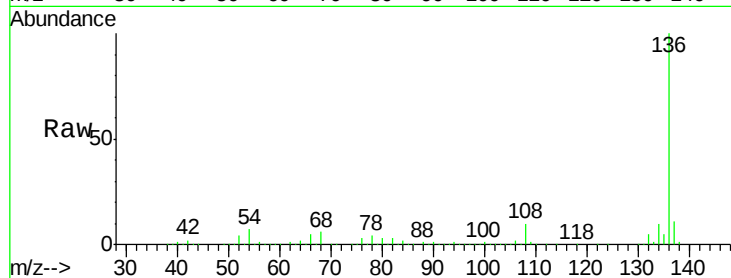
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 7.2 4.5 6.7#

68 5.9 3.6 5.4#

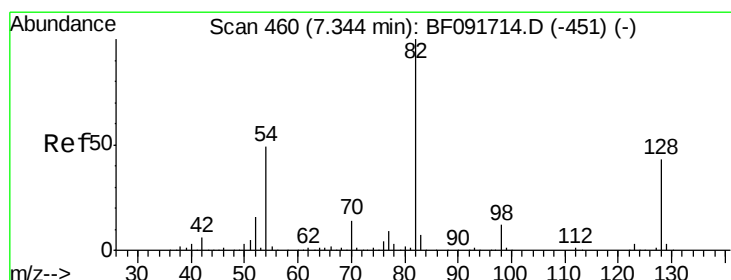
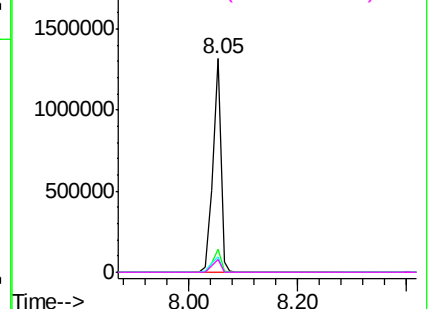
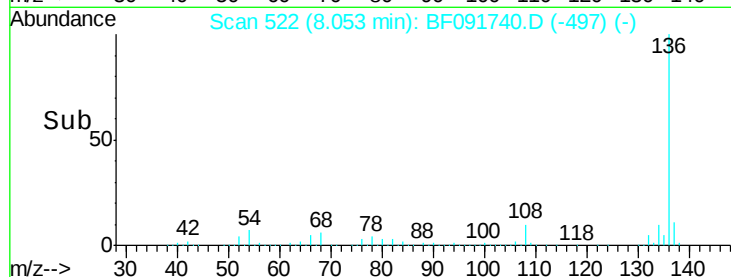


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.64 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091740.D

Acq: 18 Dec 2016 17:02

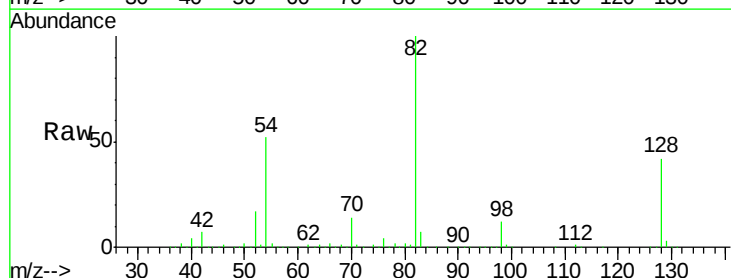
Tgt Ion: 82 Resp: 2021428

Ion Ratio Lower Upper

82 100

128 41.6 34.6 52.0

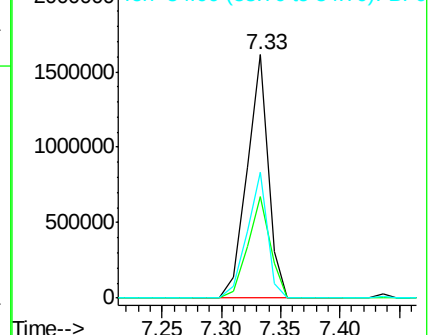
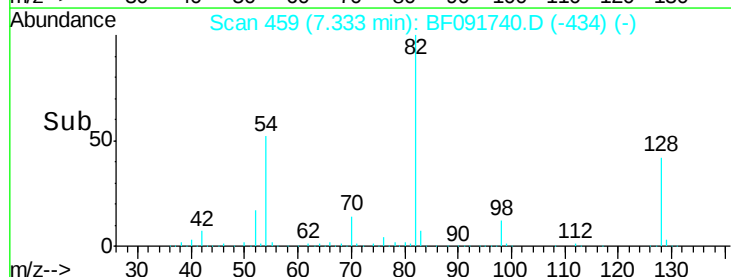
54 51.9 39.5 59.3

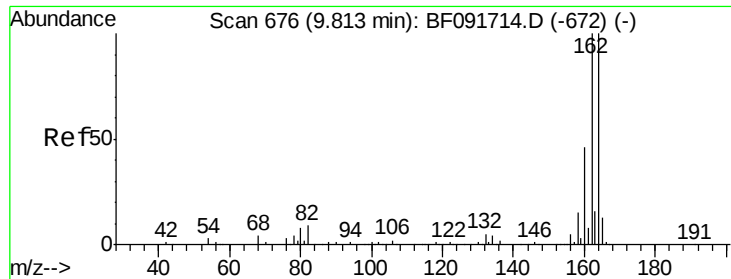


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

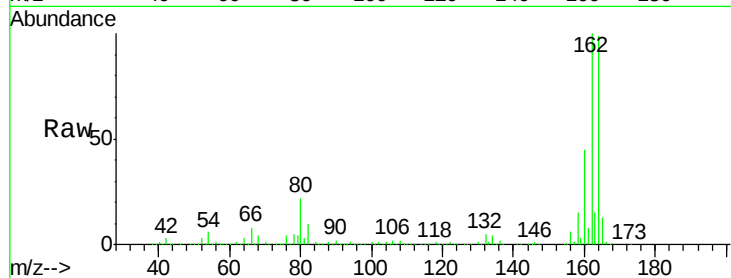




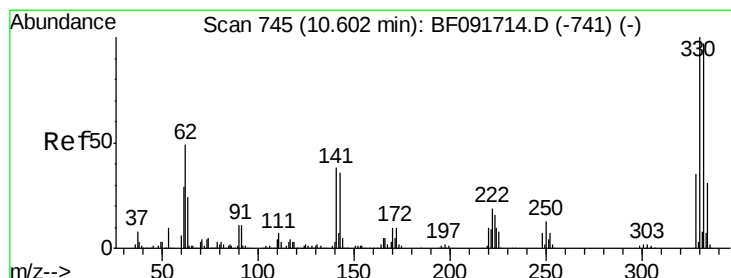
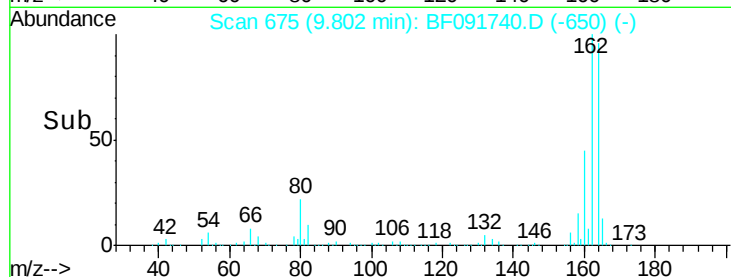
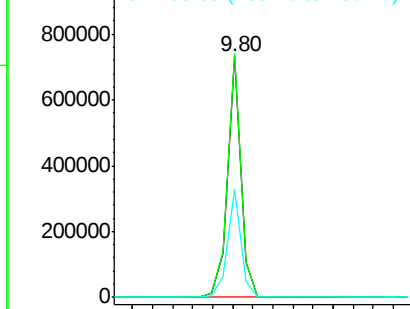
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091740.D
Acq: 18 Dec 2016 17:02

Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	45.0	36.9	55.3

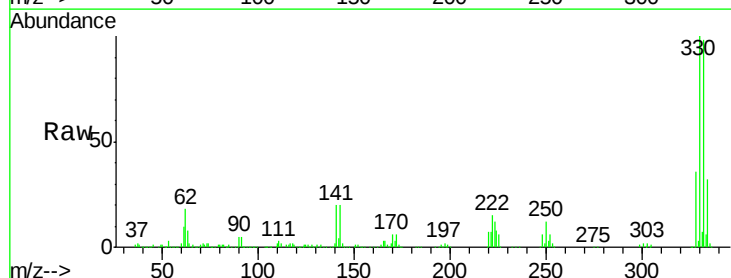


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

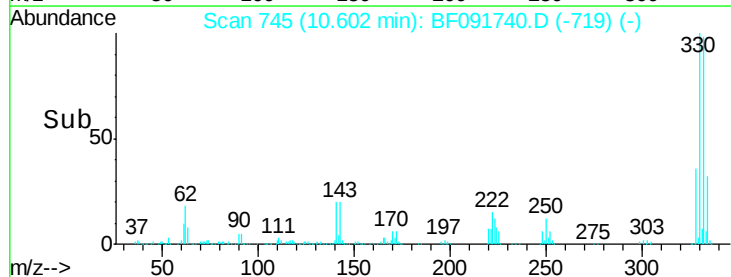
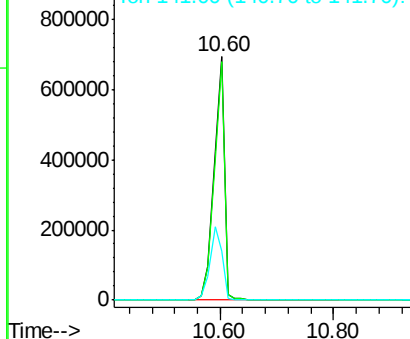


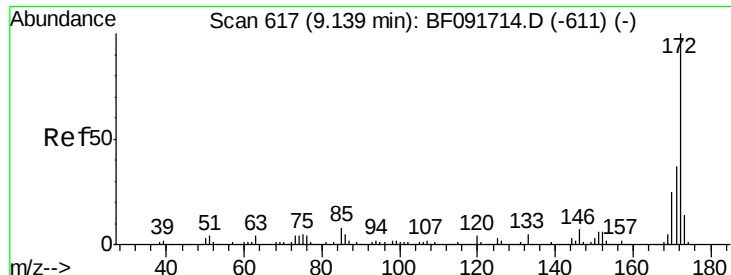
#41
2,4,6-Tribromophenol
Concen: 150.90 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF091740.D
Acq: 18 Dec 2016 17:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	34.5	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

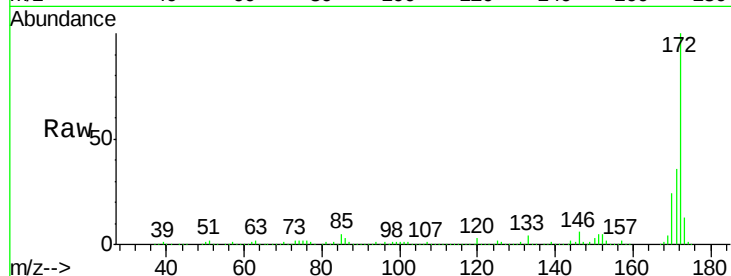




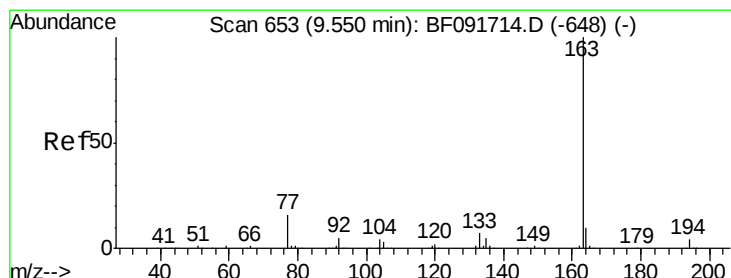
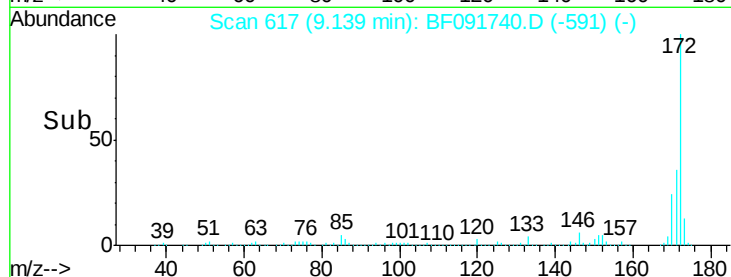
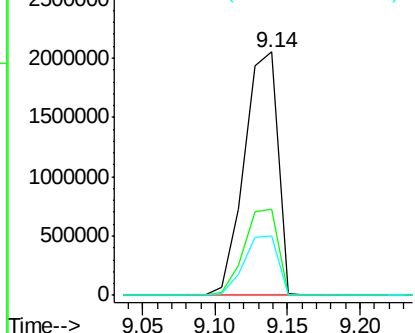
#44
2-Fluorobiphenyl
Concen: 97.61 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF091740.D
Acq: 18 Dec 2016 17:02

Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16

Tot Ion:172 Resp: 3299182
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 24.5 20.2 30.4

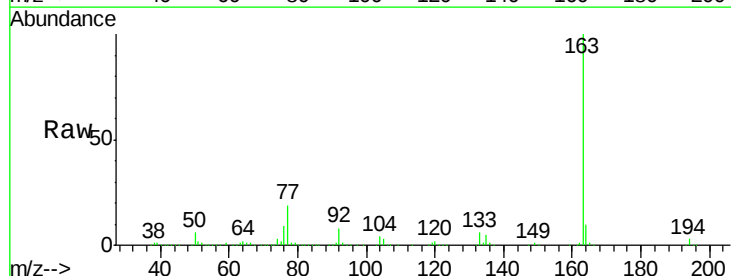


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

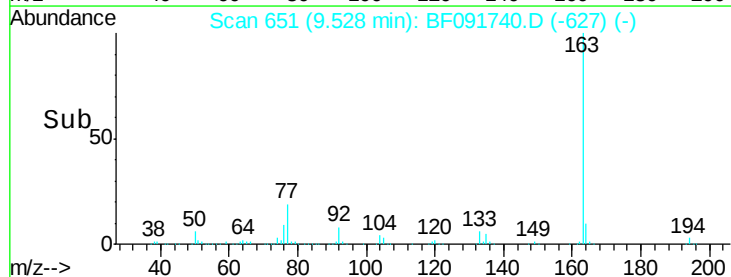
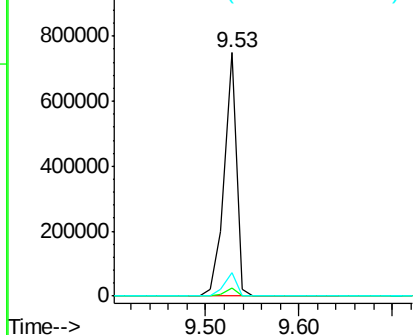


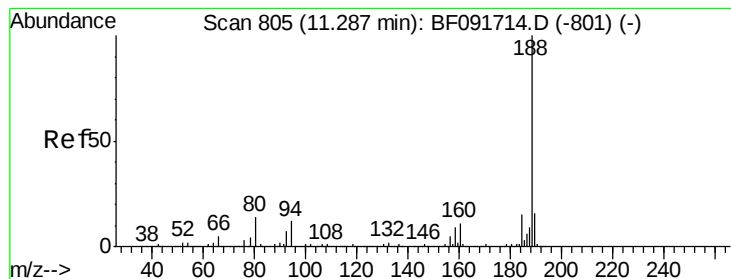
#49
Dimethylphthalate
Concen: 15.42 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF091740.D
Acq: 18 Dec 2016 17:02

Tgt Ion:163 Resp: 683895
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.9 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: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF091740.D

Acq: 18 Dec 2016 17:02

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16

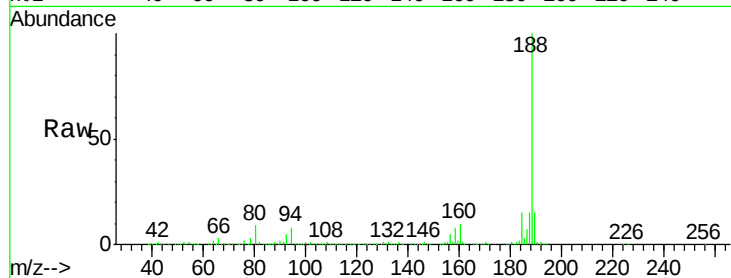
Tot Ion:188 Resp: 1130208

Ion Ratio Lower Upper

188 100

94 8.4 10.0 15.0#

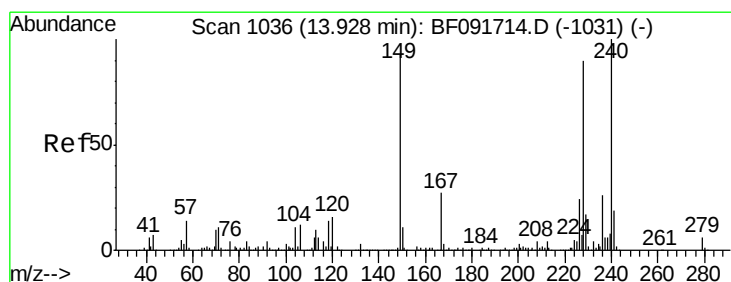
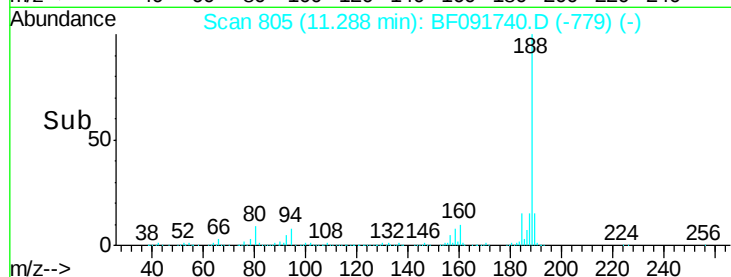
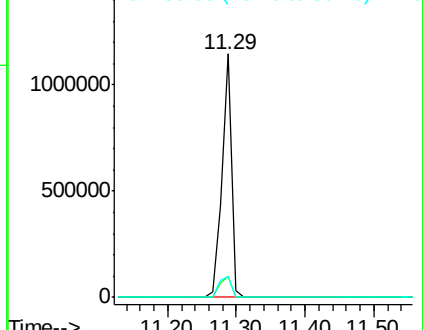
80 8.7 11.2 16.8#



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: BF091740.D

Acq: 18 Dec 2016 17:02

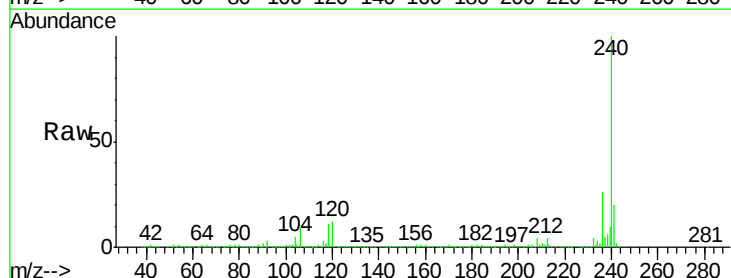
Tgt Ion:240 Resp: 899414

Ion Ratio Lower Upper

240 100

120 12.3 12.9 19.3#

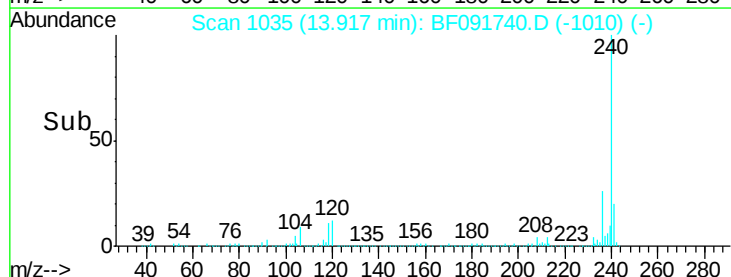
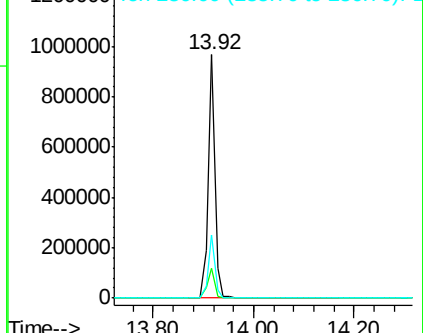
236 26.1 20.9 31.3

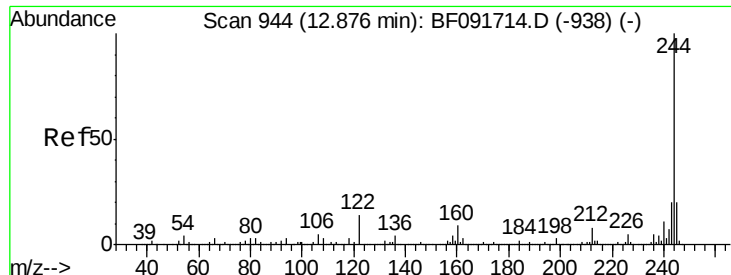


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

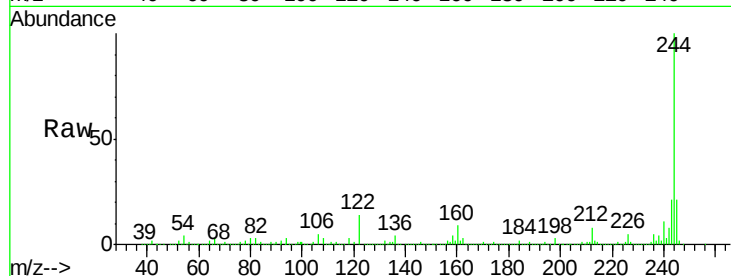




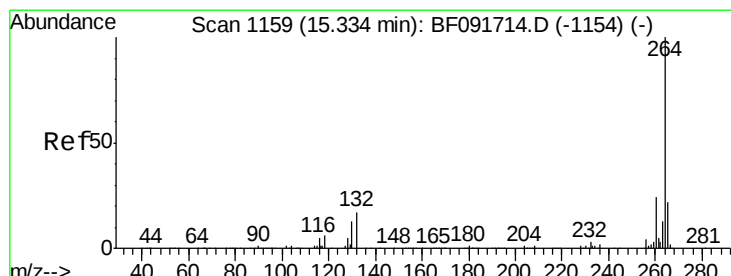
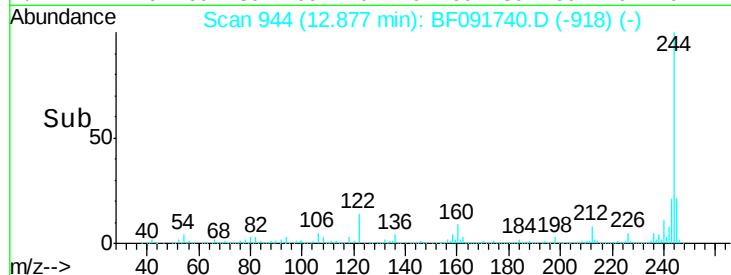
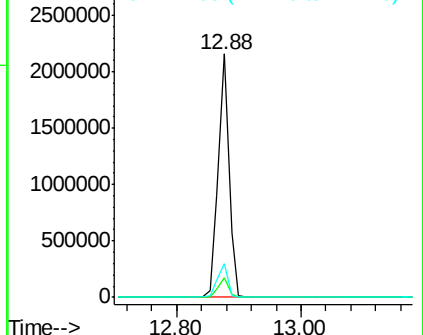
#78
 Terphenyl-d14
 Concen: 71.89 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091740.D
 Acq: 18 Dec 2016 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16

Tot Ion:244 Resp: 2560645
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 14.1 11.4 17.2

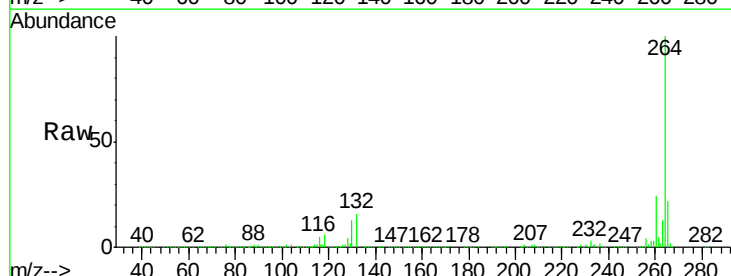


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091740.D
 Acq: 18 Dec 2016 17:02

Tgt Ion:264 Resp: 733602
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.6 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

