

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092725.D
 Acq On : 2 Feb 2017 2:09
 Operator : SJ/MA
 Sample : I1615-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-3

Quant Time: Feb 02 03:55:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

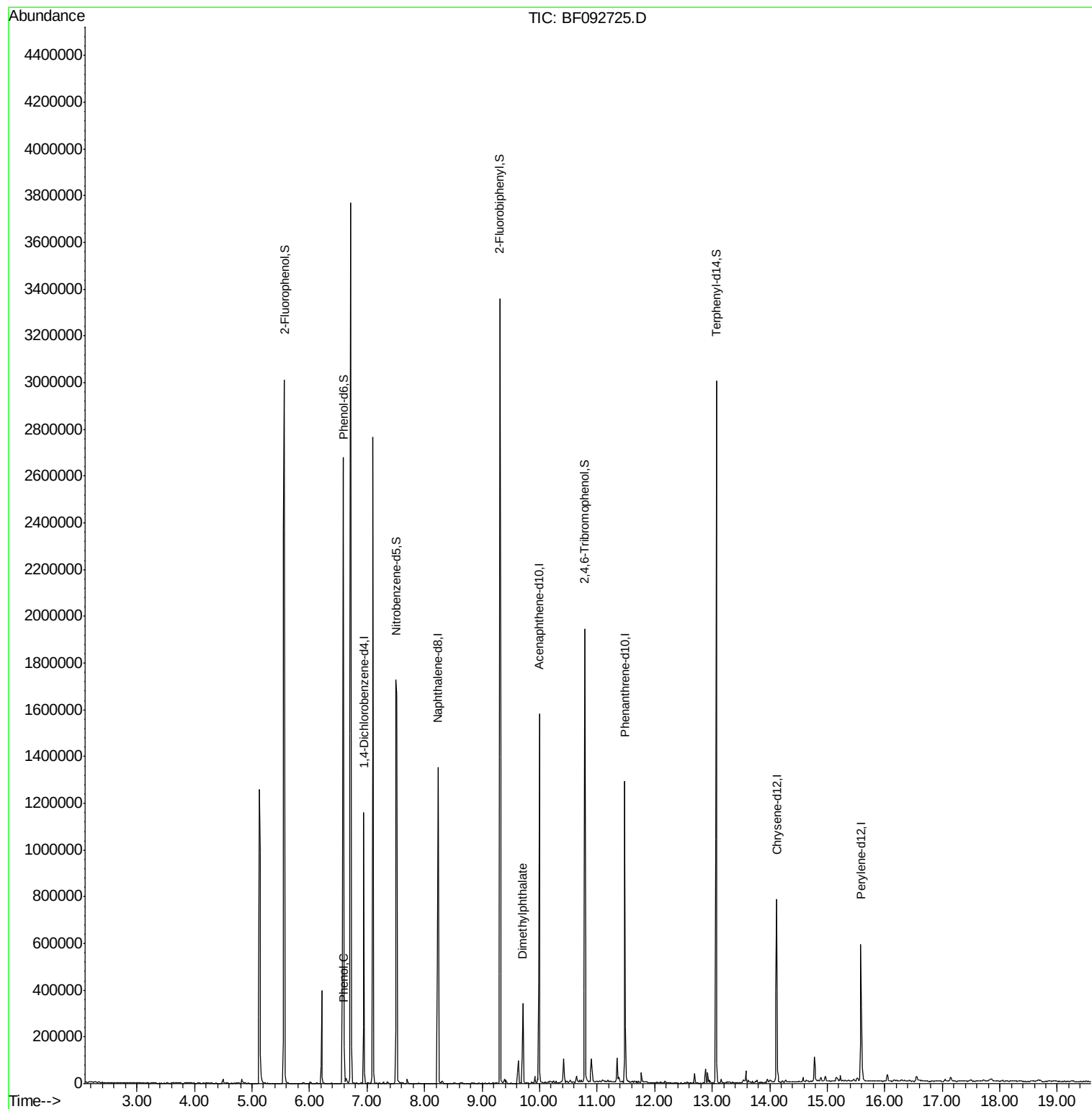
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	161155	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	637861	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	335635	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	446854	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	304618	20.00	ng	-0.02
86) Perylene-d12	15.59	264	272737	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1075002	114.44	ng	-0.01
7) Phenol-d6	6.59	99	1367146	113.12	ng	-0.01
23) Nitrobenzene-d5	7.50	82	849660	74.18	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	223756	92.17	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1235657	66.70	ng	-0.02
78) Terphenyl-d14	13.07	244	936608	72.25	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	69588	4.92	ng	Qvalue # 66
49) Dimethylphthalate	9.71	163	144831	6.41	ng	99

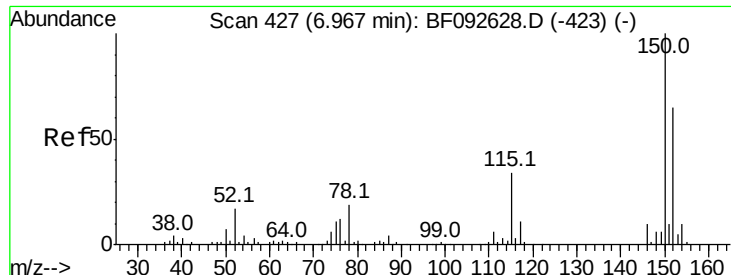
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092725.D

Acq: 2 Feb 2017 2:09

Instrument :

BNA_F

ClientSampleId :

SS-3

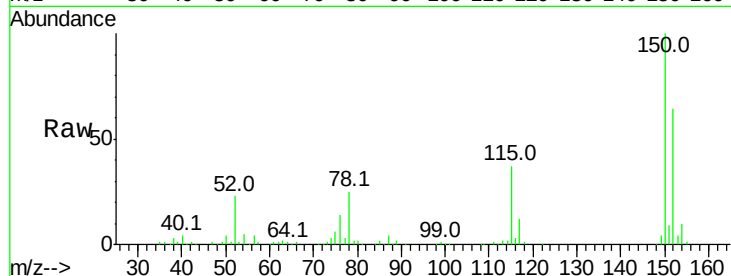
Tot Ion:152 Resp: 161155

Ion Ratio Lower Upper

152 100

150 156.3 124.9 187.3

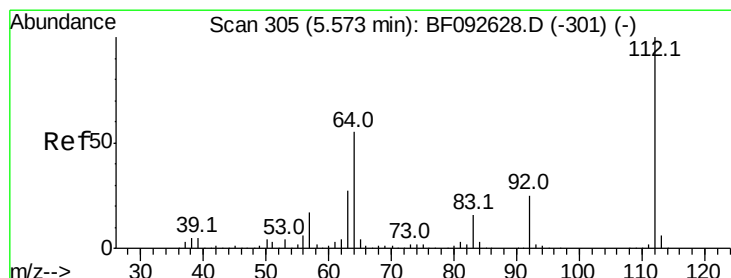
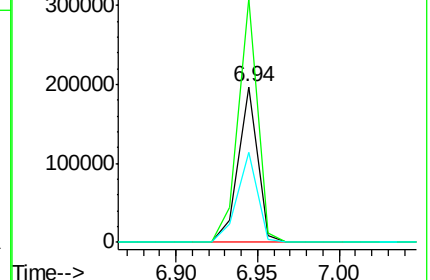
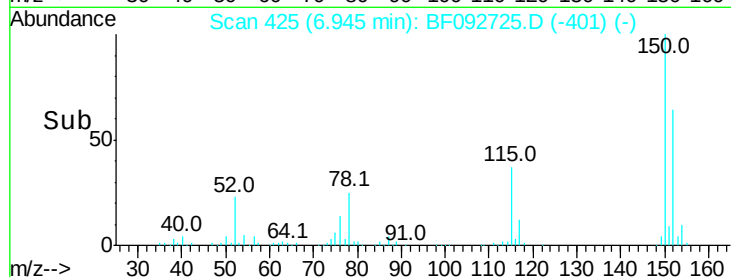
115 57.9 46.0 69.0



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: 114.44 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092725.D

Acq: 2 Feb 2017 2:09

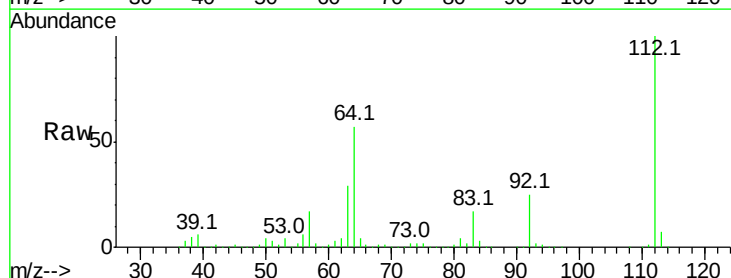
Tgt Ion:112 Resp: 1075002

Ion Ratio Lower Upper

112 100

64 57.5 46.1 69.1

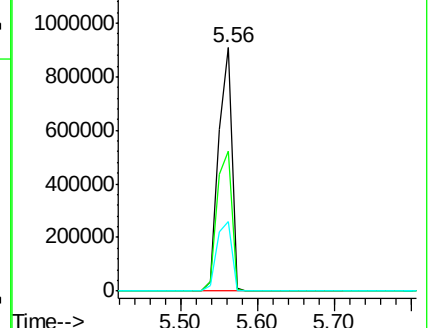
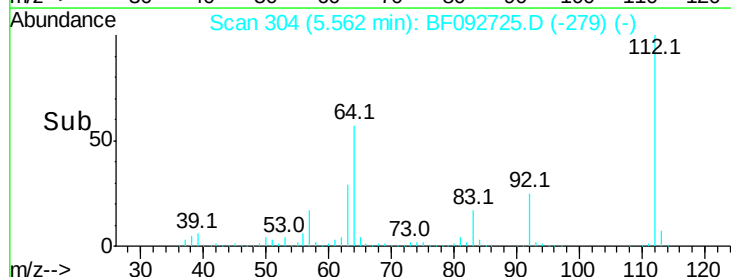
63 28.6 23.8 35.6

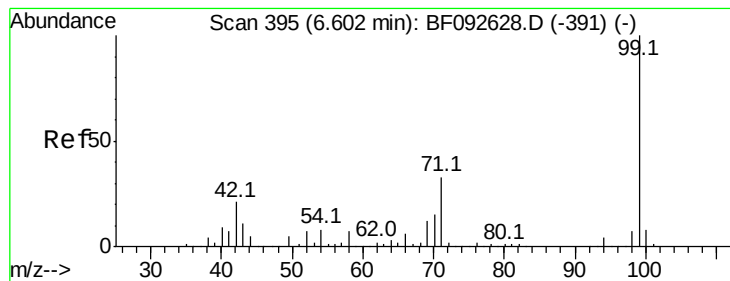


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.12 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092725.D

Acq: 2 Feb 2017 2:09

Instrument :

BNA_F

ClientSampleId :

SS-3

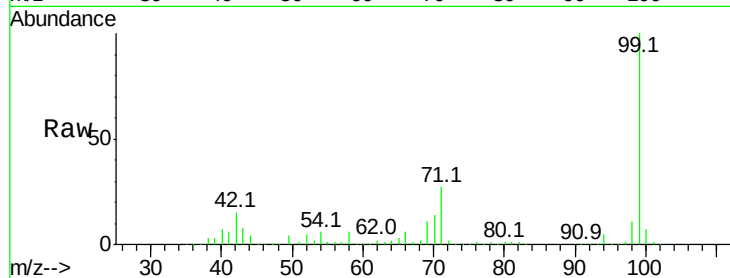
Tot Ion: 99 Resp: 1367146

Ion Ratio Lower Upper

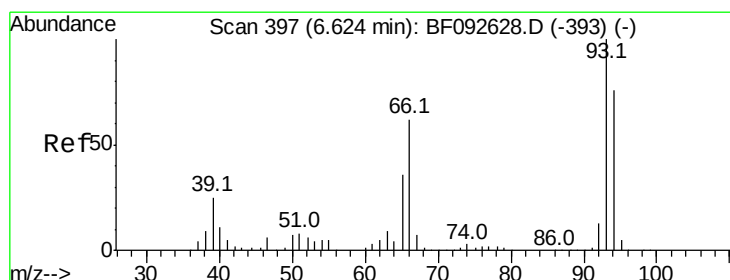
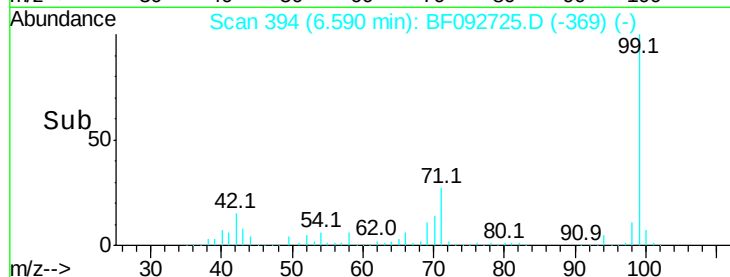
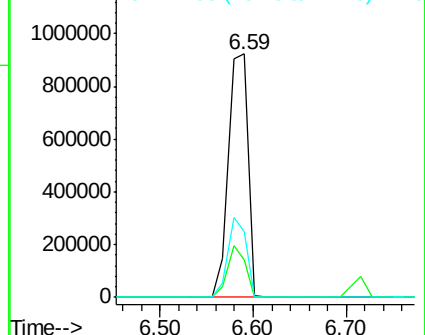
99 100

42 15.2 15.6 23.4#

71 27.1 27.5 41.3#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.92 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092725.D

Acq: 2 Feb 2017 2:09

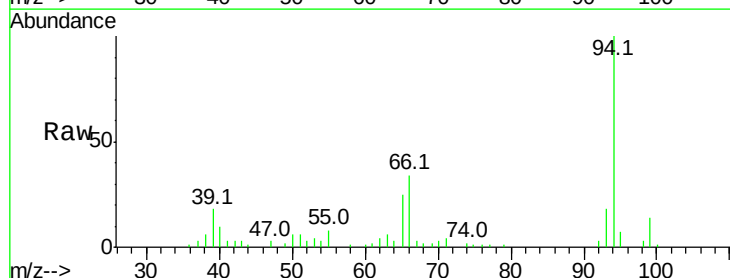
Tgt Ion: 94 Resp: 69588

Ion Ratio Lower Upper

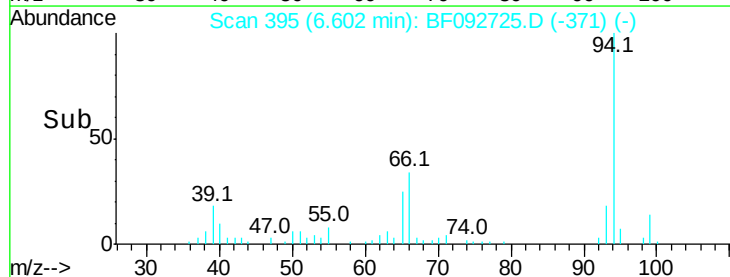
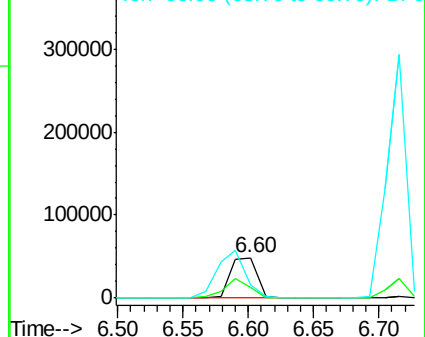
94 100

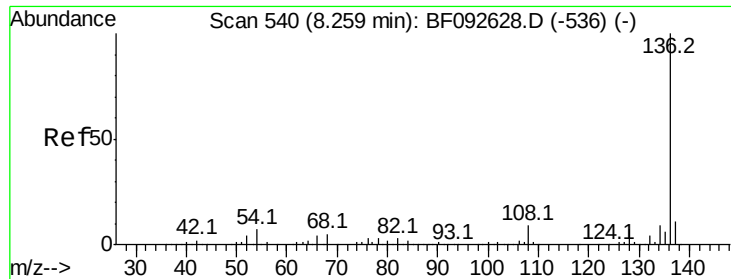
65 24.9 21.4 61.4

66 34.0 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

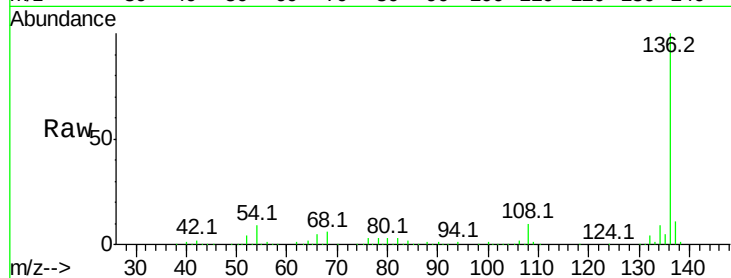




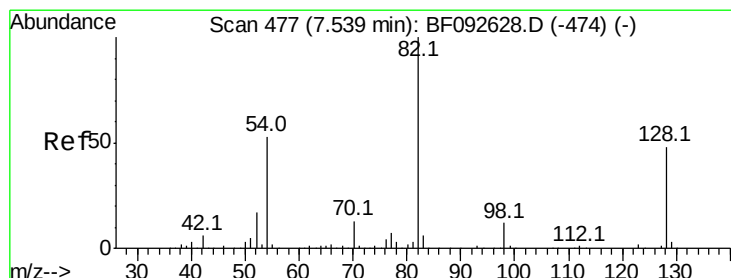
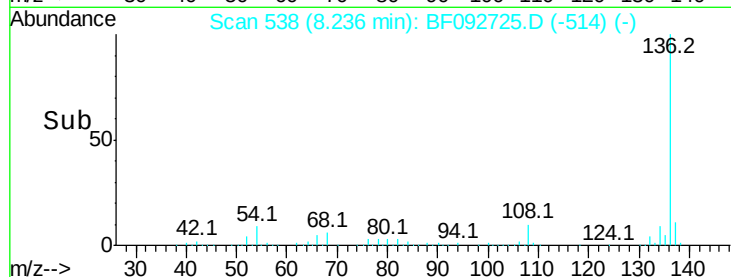
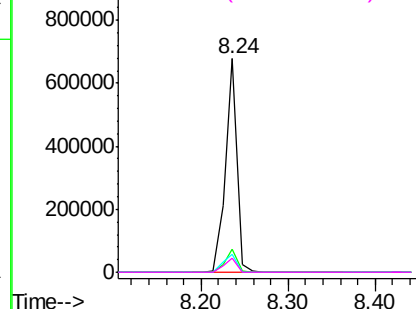
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092725.D
Acq: 2 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
SS-3

Tot Ion:136	Resp: 637861
Ion Ratio	Lower Upper
136 100	
137 10.8	8.4 12.6
54 8.7	4.5 6.7#
68 6.5	3.6 5.4#

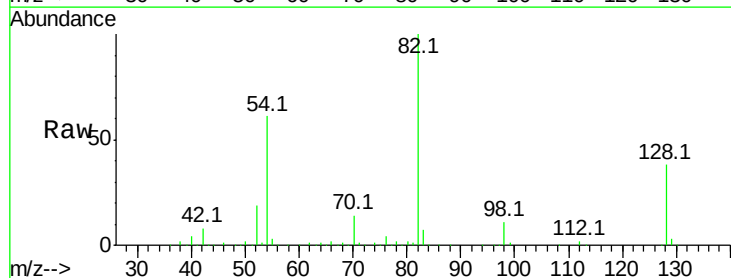


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

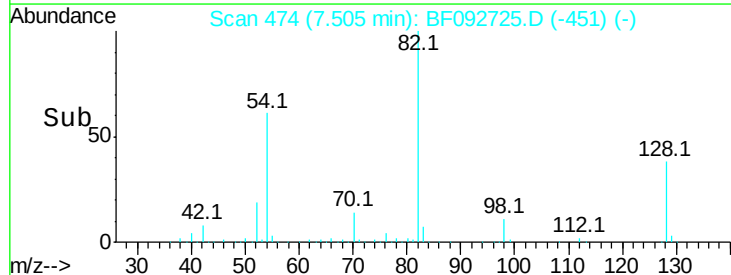
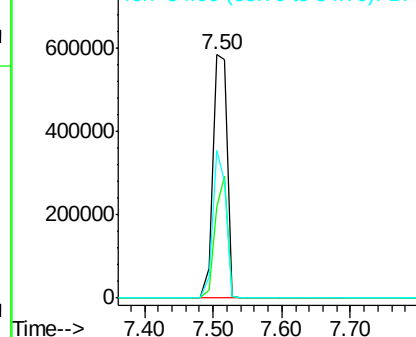


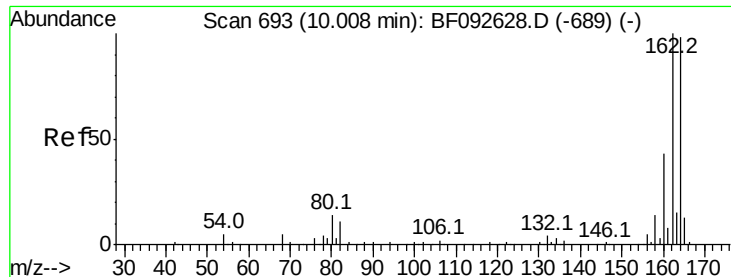
#23
Nitrobenzene-d5
Concen: 74.18 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF092725.D
Acq: 2 Feb 2017 2:09

Tgt Ion: 82	Resp: 849660
Ion Ratio	Lower Upper
82 100	
128 37.7	34.6 52.0
54 60.5	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

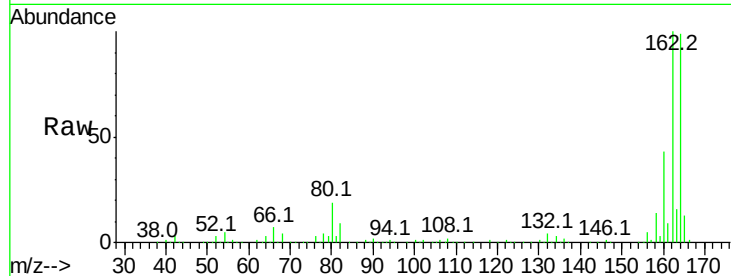




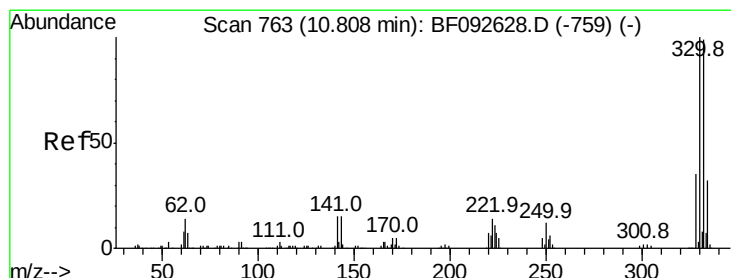
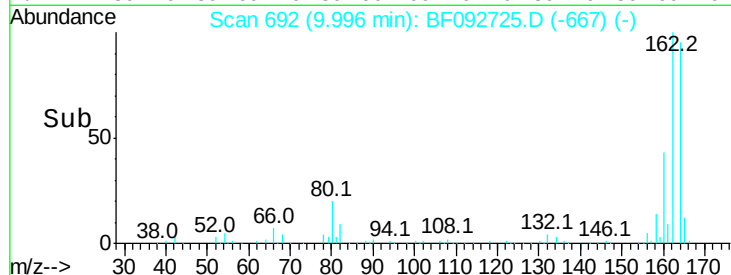
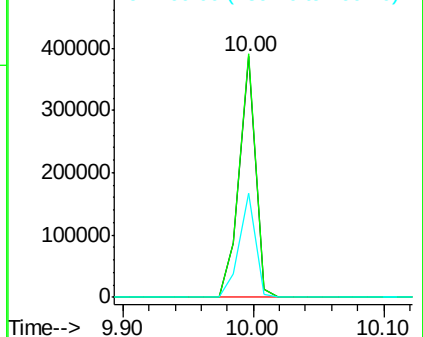
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF092725.D
 Acq: 2 Feb 2017 2:09

Instrument :
 BNA_F
 ClientSampled :
 SS-3

Tot Ion:164 Resp: 335635
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.2 120.2
 160 43.2 36.9 55.3

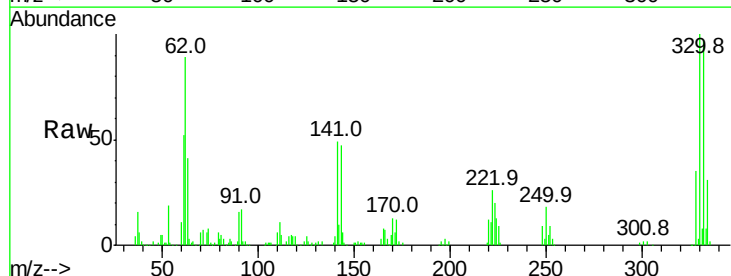


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

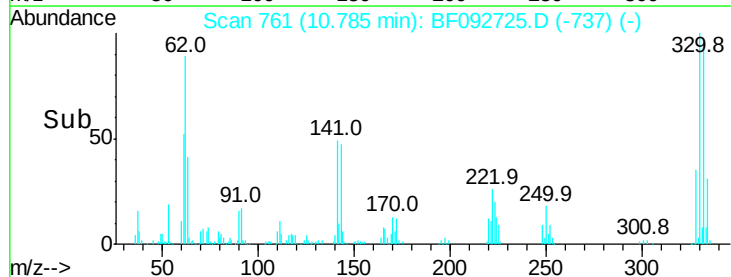
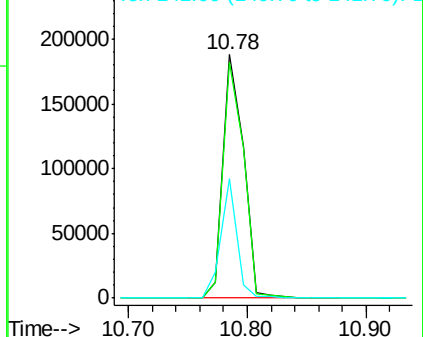


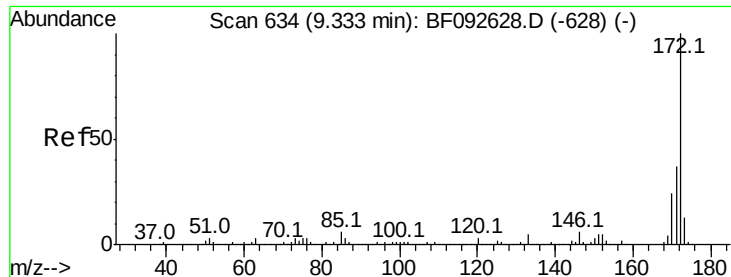
#41
 2,4,6-Tribromophenol
 Concen: 92.17 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BF092725.D
 Acq: 2 Feb 2017 2:09

Tgt Ion:330 Resp: 223756
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.4 116.2
 141 38.4 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

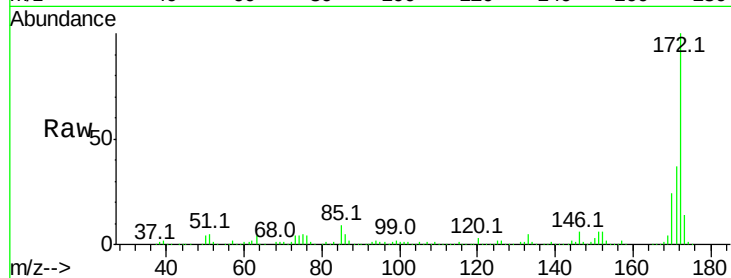




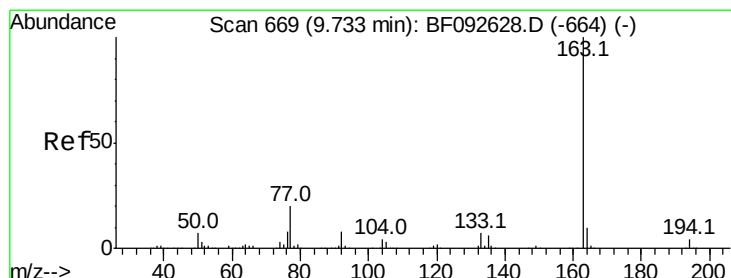
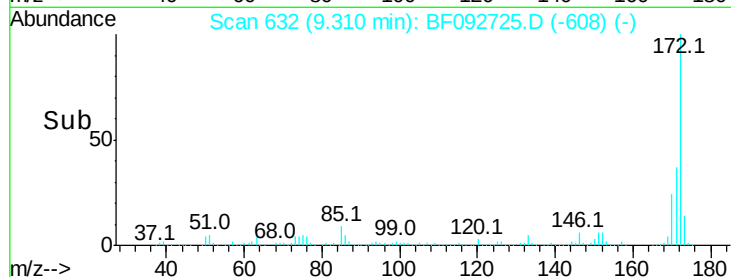
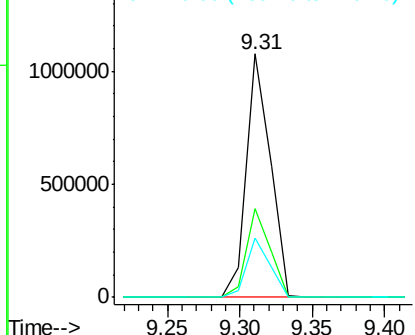
#44
2-Fluorobiphenyl
Concen: 66.70 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF092725.D
Acq: 2 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
SS-3

Tot Ion:172 Resp: 1235657
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.4 20.2 30.4

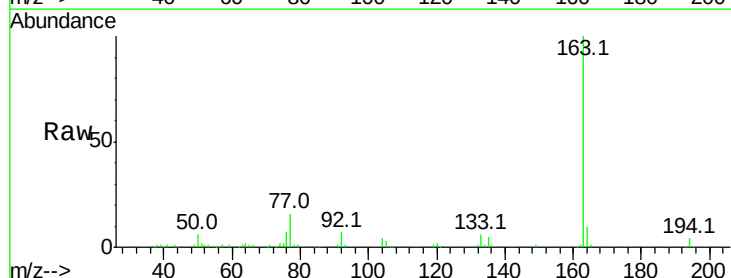


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

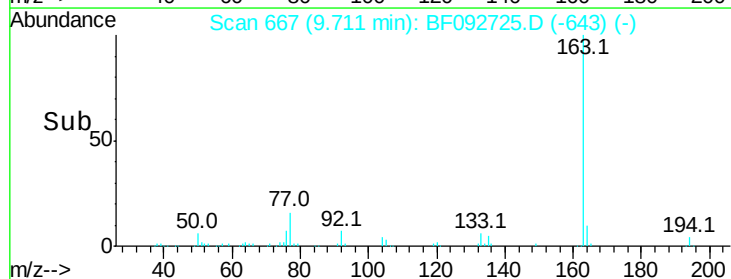
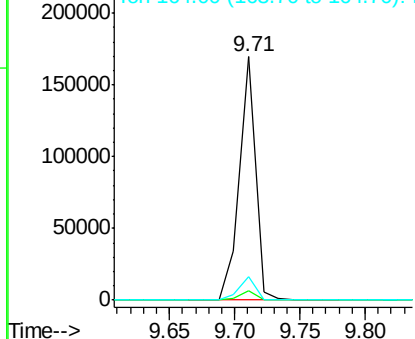


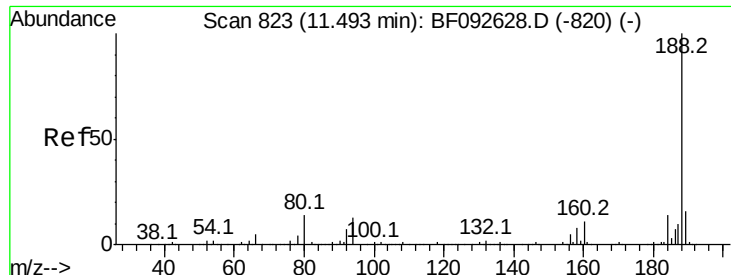
#49
Dimethylphthalate
Concen: 6.41 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092725.D
Acq: 2 Feb 2017 2:09

Tgt Ion:163 Resp: 144831
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.7 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

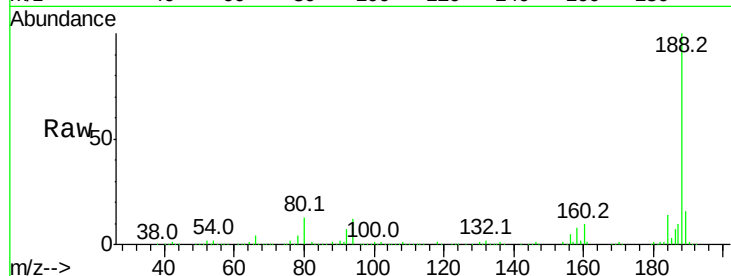




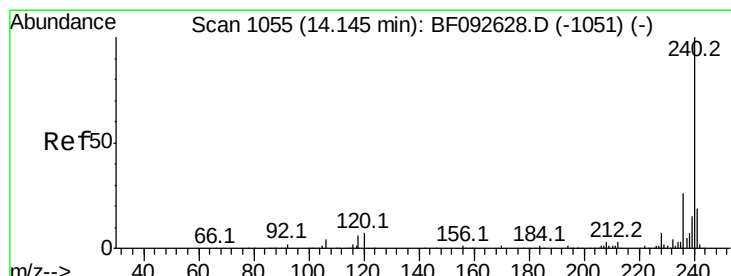
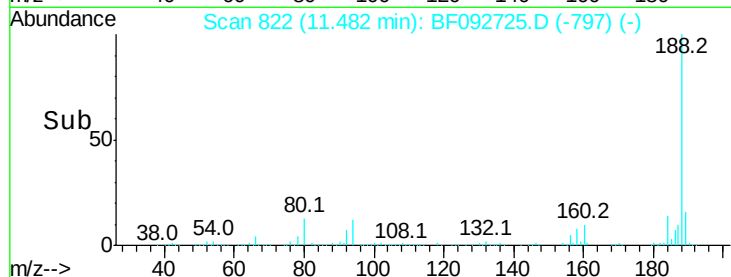
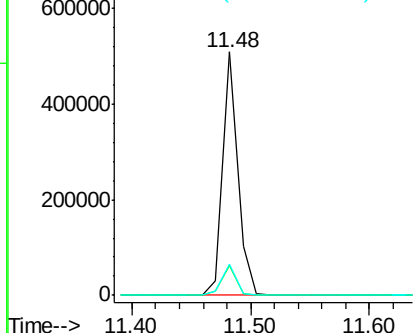
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092725.D
Acq: 2 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
SS-3

Tot Ion:188 Resp: 446854
Ion Ratio Lower Upper
188 100
94 12.1 10.0 15.0
80 12.5 11.2 16.8

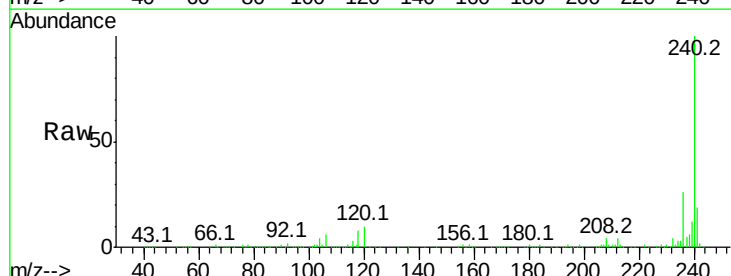


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

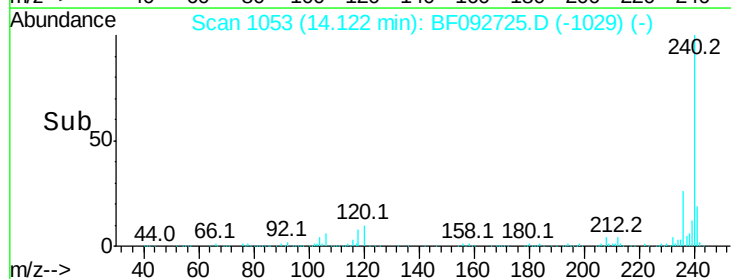
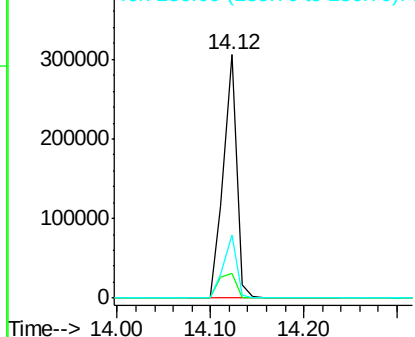


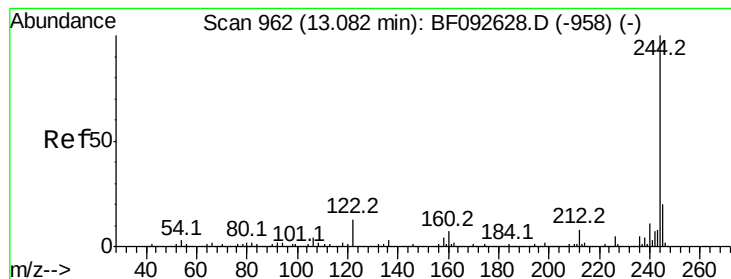
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092725.D
Acq: 2 Feb 2017 2:09

Tgt Ion:240 Resp: 304618
Ion Ratio Lower Upper
240 100
120 10.1 12.9 19.3#
236 25.8 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: 72.25 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092725.D

Acq: 2 Feb 2017 2:09

Instrument :

BNA_F

ClientSampled :

SS-3

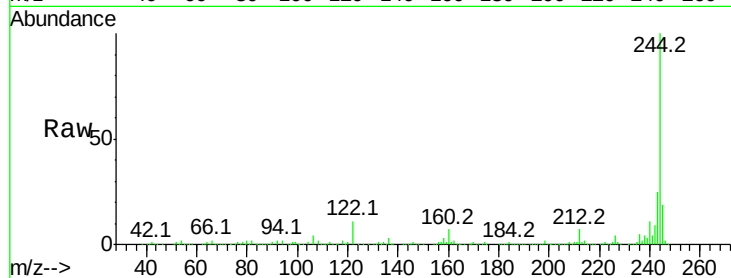
Tot Ion:244 Resp: 936608

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

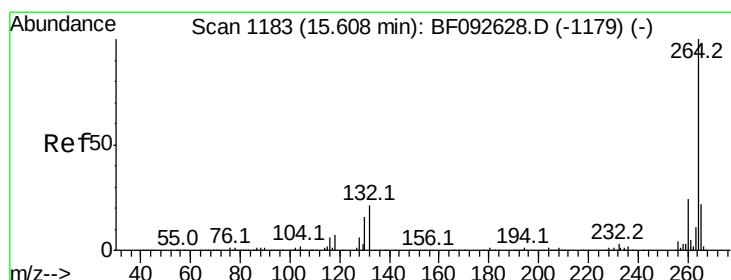
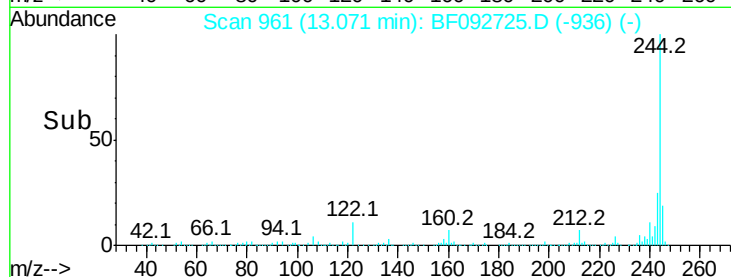
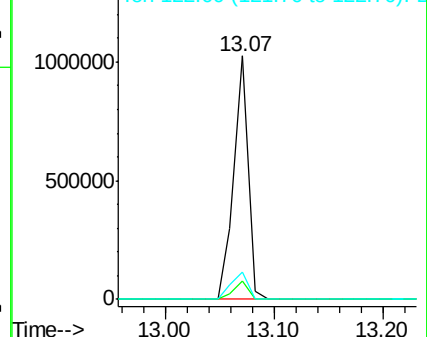
122 11.0 11.4 17.2#



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: 15.59 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF092725.D

Acq: 2 Feb 2017 2:09

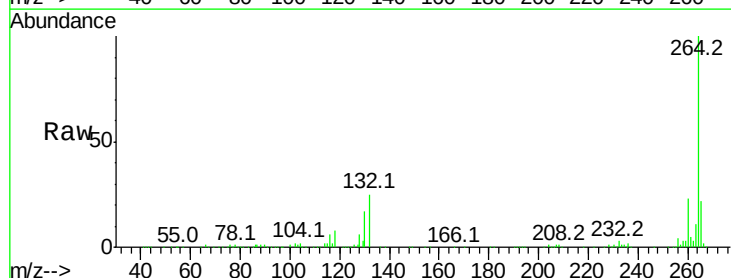
Tgt Ion:264 Resp: 272737

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.8 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

