

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095870.D
 Acq On : 11 Jun 2017 4:45
 Operator : SJ/MA
 Sample : I3591-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-R8-BASE

Quant Time: Jun 12 07:11:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

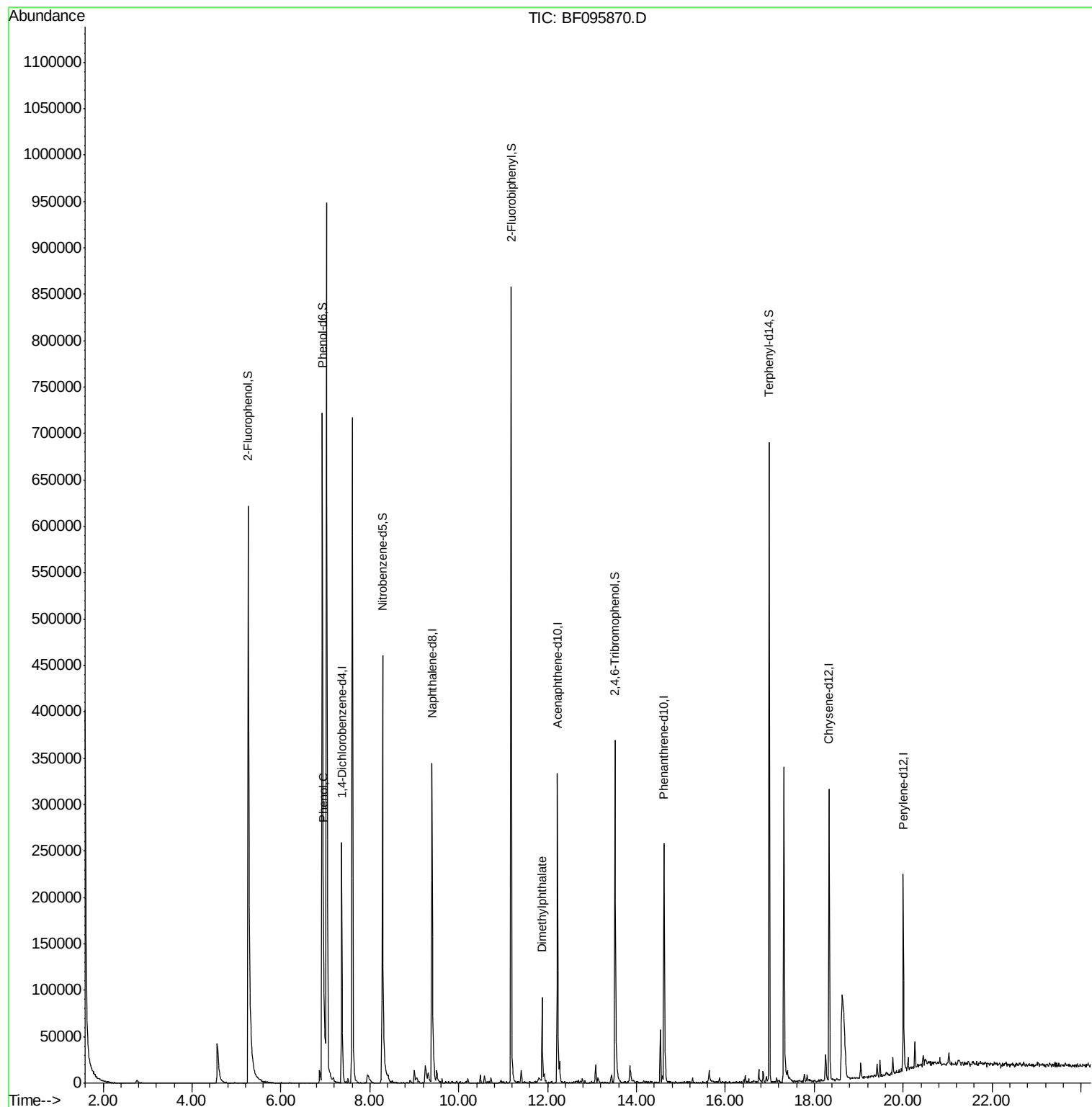
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	59634	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	237896	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	93766	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	143636	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	135355	20.00	ng	-0.02
86) Perylene-d12	20.00	264	94962	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	406787	108.70	ng	-0.02
7) Phenol-d6	6.93	99	489779	109.32	ng	-0.03
23) Nitrobenzene-d5	8.28	82	262924	68.64	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	72302	87.15	ng	-0.03
44) 2-Fluorobiphenyl	11.18	172	400834	59.49	ng	-0.04
78) Terphenyl-d14	16.99	244	254421	46.65	ng	-0.03
Target Compounds						
10) Phenol	6.95	94	15970	3.44	ng	# 73
49) Dimethylphthalate	11.87	163	60554	8.51	ng	# 98

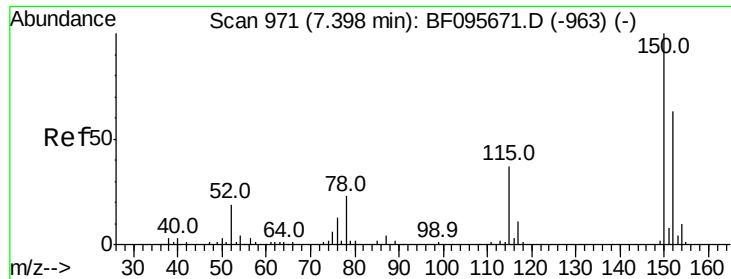
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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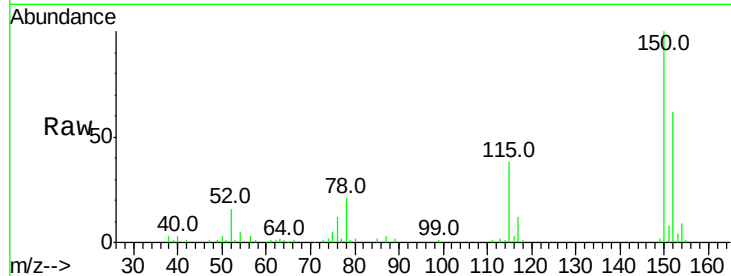


#1

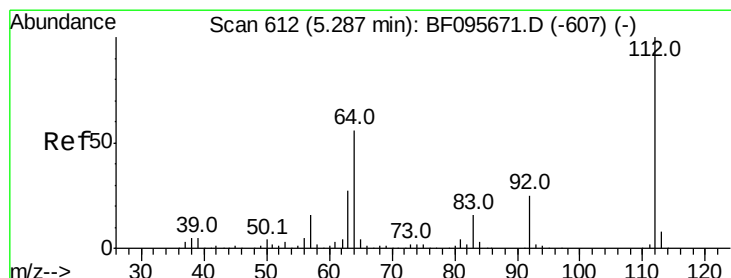
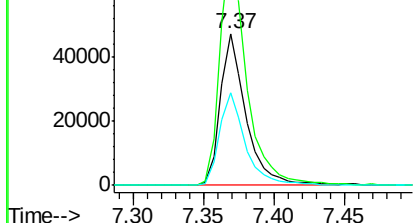
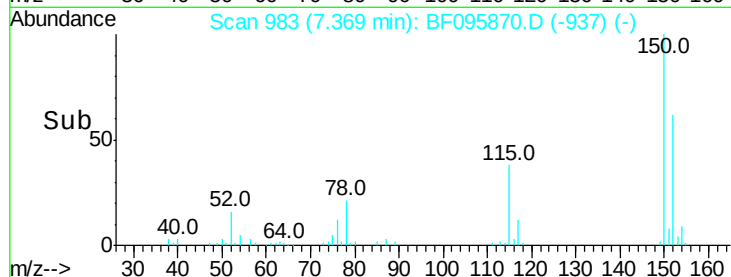
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095870.D
Acq: 11 Jun 2017 4:45

Instrument :
BNA_F
ClientSampleId :
E2-R8-BASE

Tot Ion:152 Resp: 59634
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.2
115 60.5 52.2 78.2



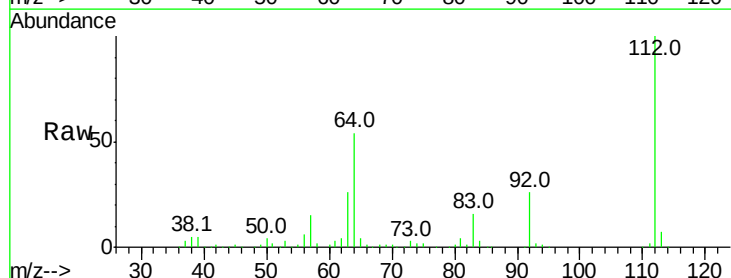
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



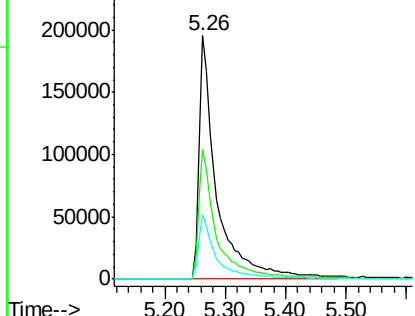
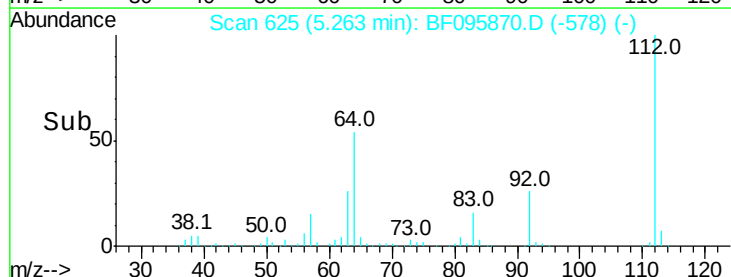
#5

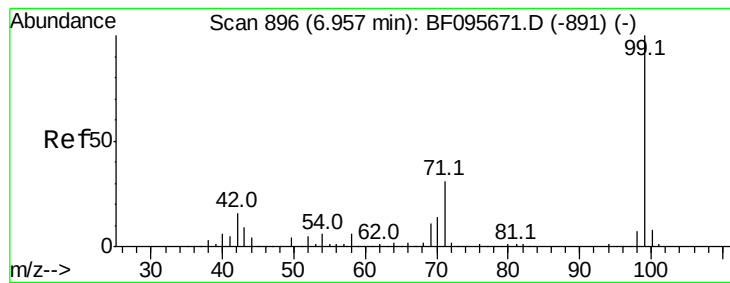
2-Fluorophenol
Concen: 108.70 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095870.D
Acq: 11 Jun 2017 4:45

Tgt Ion:112 Resp: 406787
Ion Ratio Lower Upper
112 100
64 53.5 46.0 69.0
63 26.3 23.4 35.0



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: 109.32 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095870.D

Acq: 11 Jun 2017 4:45

Instrument :

BNA_F

ClientSampleId :

E2-R8-BASE

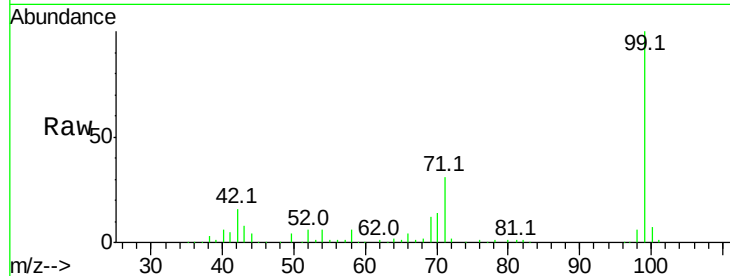
Tot Ion: 99 Resp: 489779

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

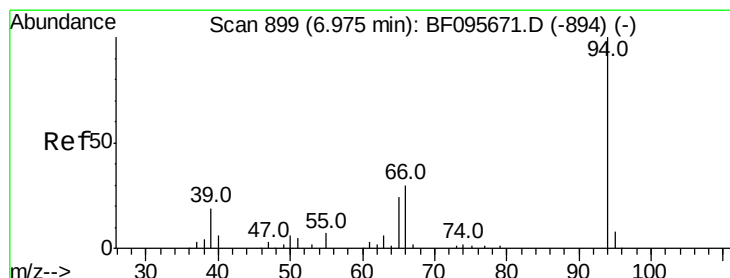
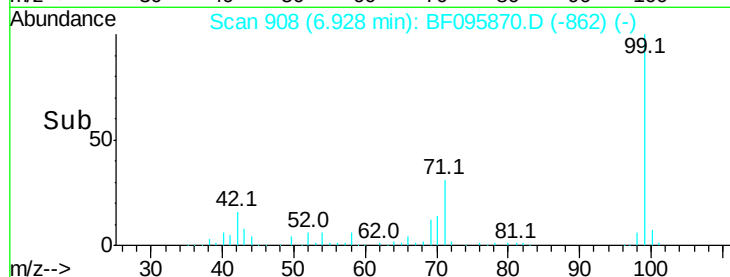
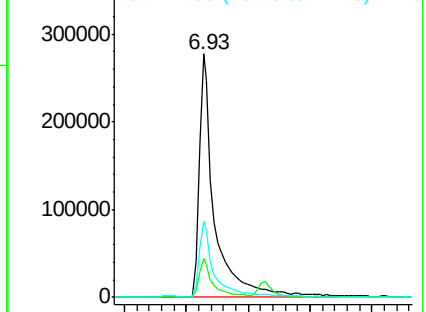
71 31.3 24.5 36.7



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: 3.44 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF095870.D

Acq: 11 Jun 2017 4:45

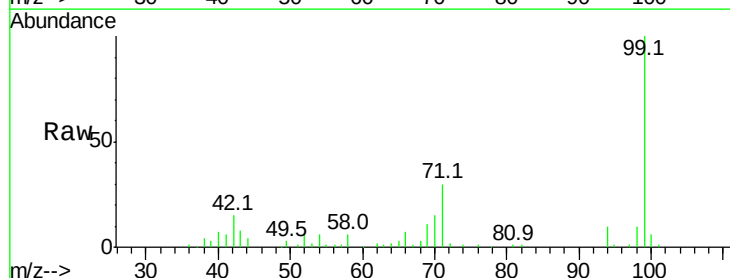
Tgt Ion: 94 Resp: 15970

Ion Ratio Lower Upper

94 100

65 27.2 9.9 49.9

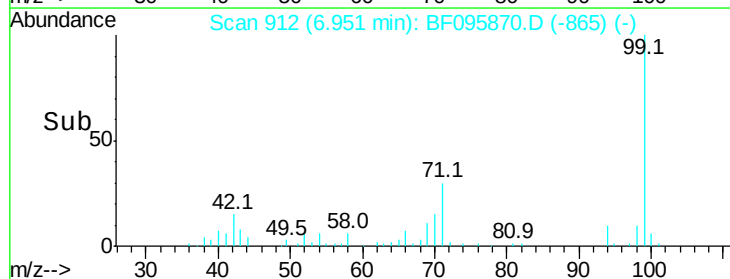
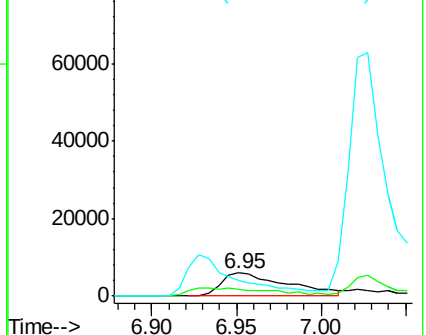
66 70.2 23.1 63.1#

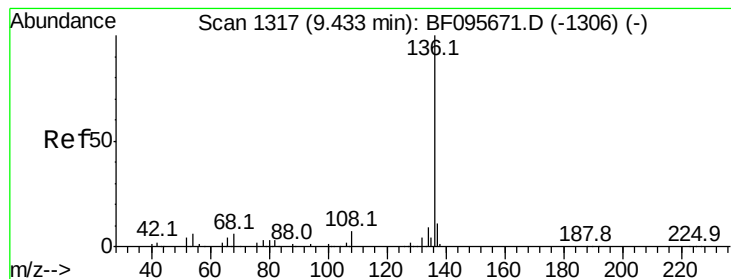


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095870.D

Acq: 11 Jun 2017 4:45

Instrument :

BNA_F

ClientSampleId :

E2-R8-BASE

Tot Ion:136 Resp: 237896

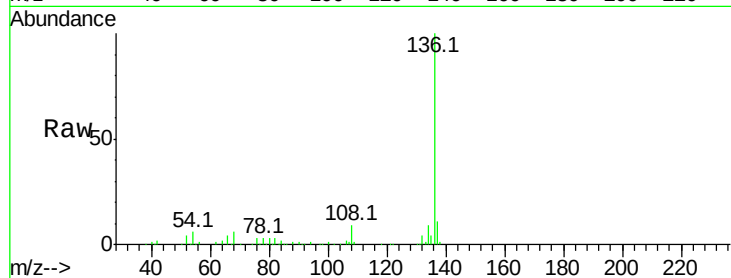
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.5 4.9 7.3

68 5.5 4.1 6.1

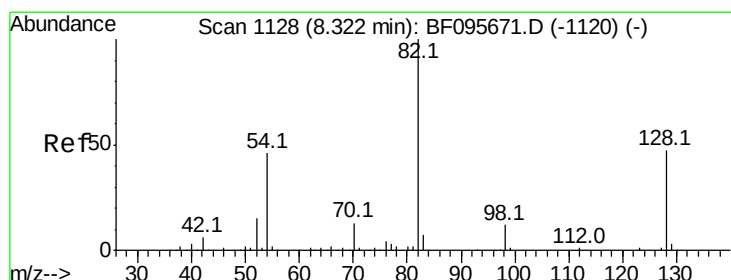
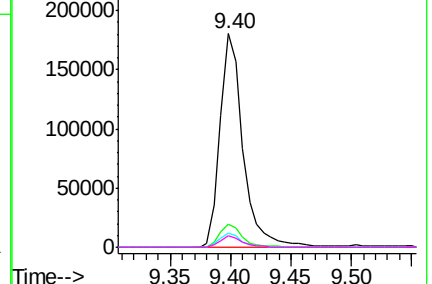
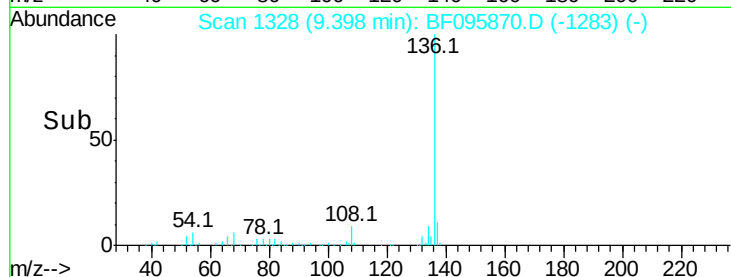


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.64 ng

RT: 8.28 min Scan# 1138

Delta R.T. -0.04 min

Lab File: BF095870.D

Acq: 11 Jun 2017 4:45

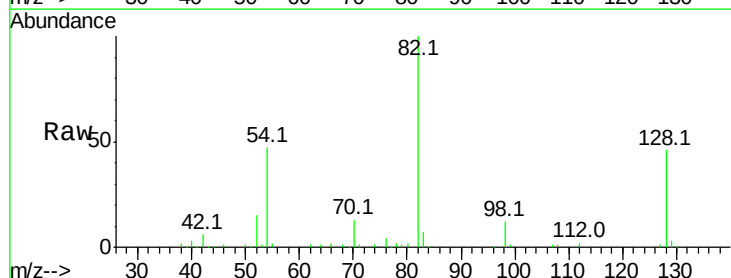
Tgt Ion: 82 Resp: 262924

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

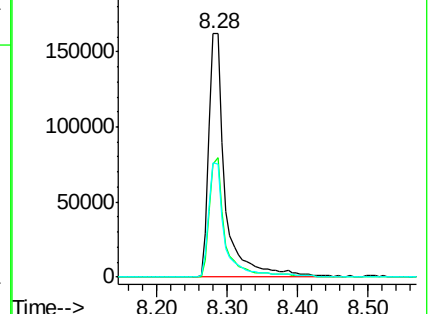
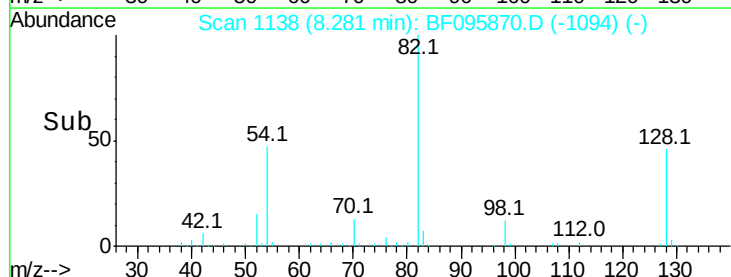
54 47.0 42.2 63.2

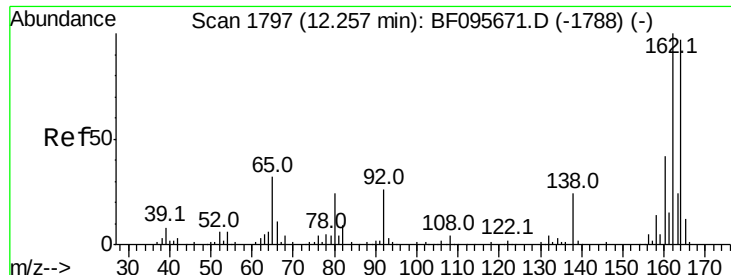


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.22 min Scan# 1808

Delta R.T. -0.04 min

Lab File: BF095870.D

Acq: 11 Jun 2017 4:45

Instrument :

BNA_F

ClientSampleId :

E2-R8-BASE

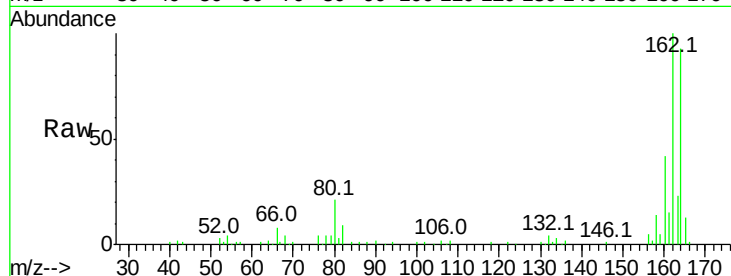
Tot Ion:164 Resp: 93766

Ion Ratio Lower Upper

164 100

162 107.2 82.6 123.8

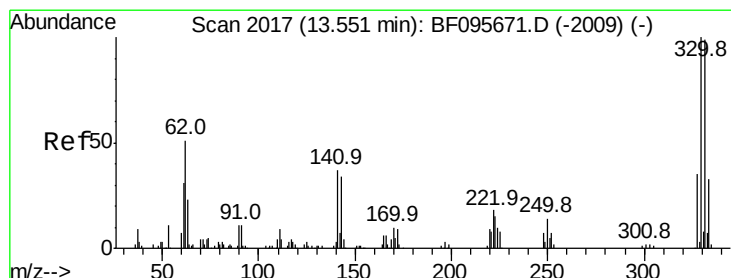
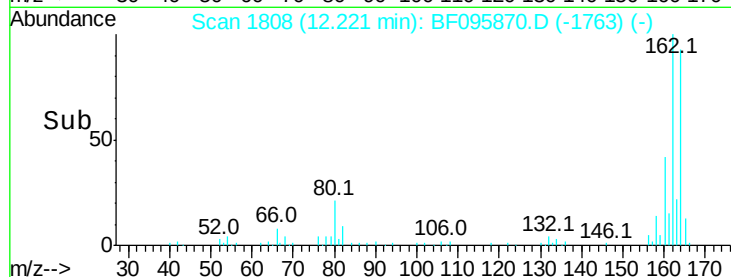
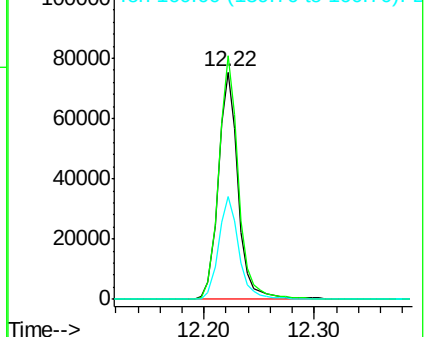
160 45.2 36.2 54.2



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: 87.15 ng

RT: 13.52 min Scan# 2029

Delta R.T. -0.03 min

Lab File: BF095870.D

Acq: 11 Jun 2017 4:45

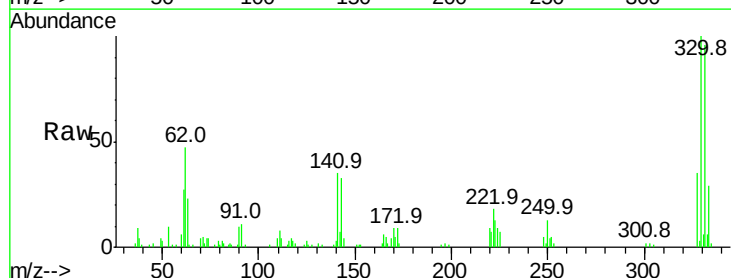
Tgt Ion:330 Resp: 72302

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

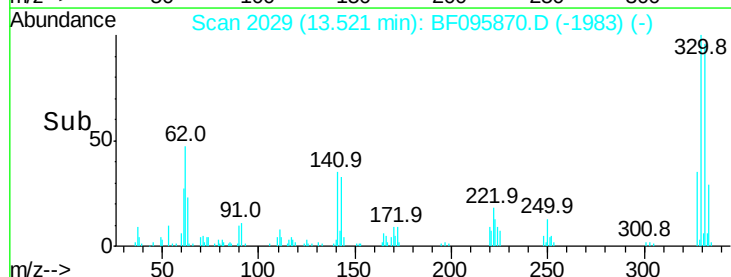
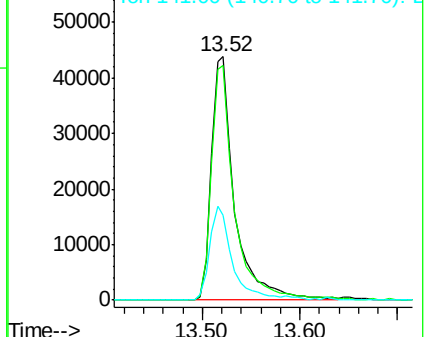
141 37.9 31.4 47.2

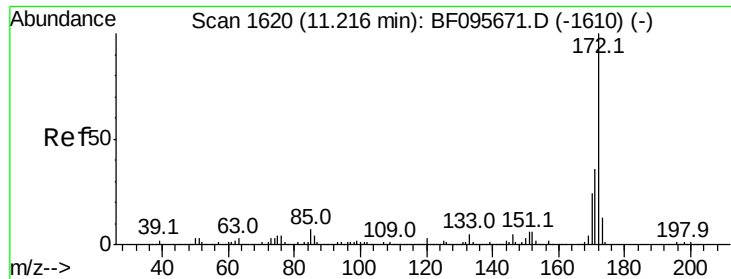


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

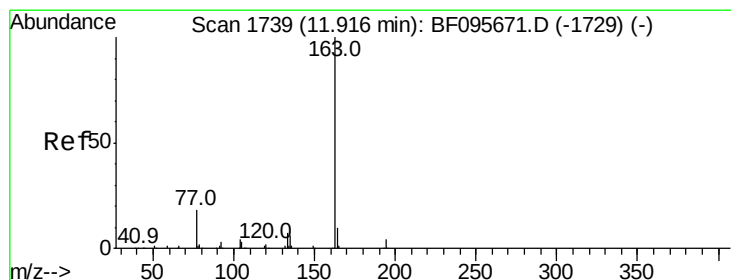
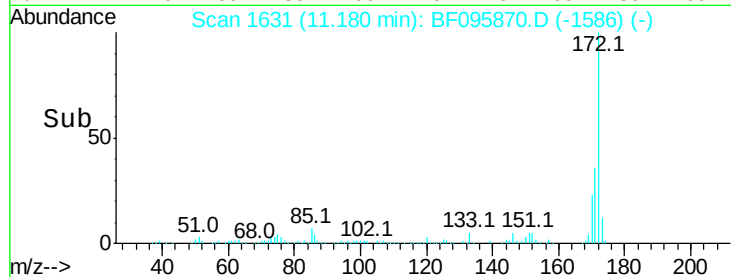
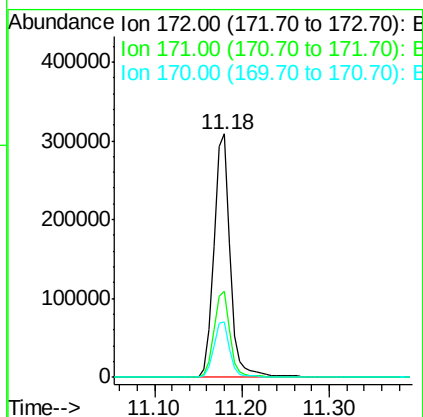
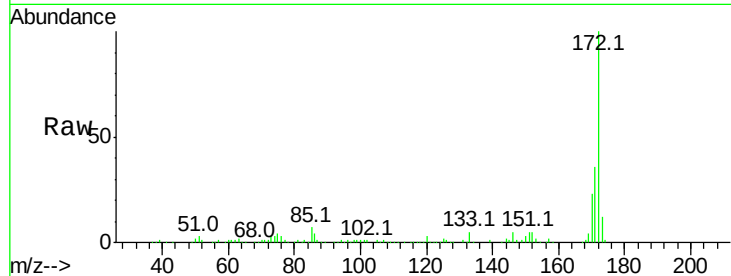




#44
2-Fluorobiphenyl
Concen: 59.49 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095870.D
Acq: 11 Jun 2017 4:45

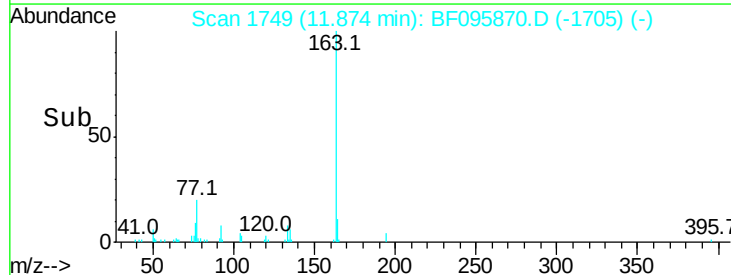
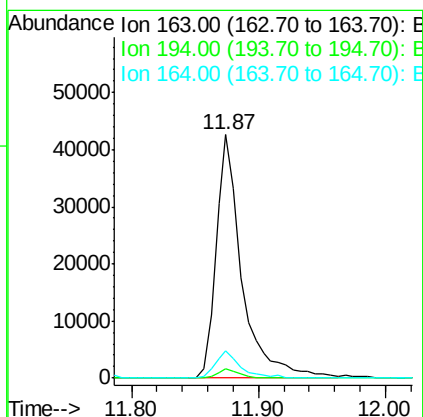
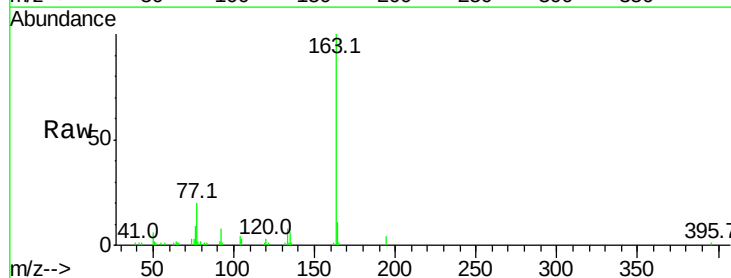
Instrument :
BNA_F
ClientSampleId :
E2-R8-BASE

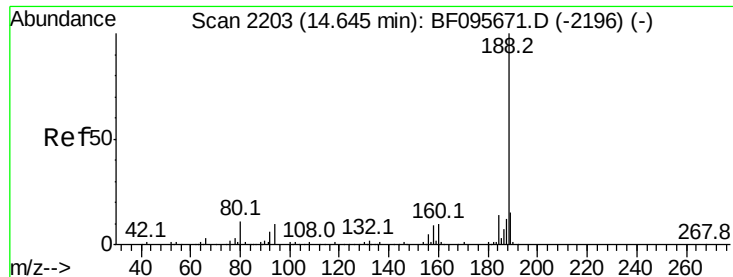
Tot Ion:172 Resp: 400834
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 22.8 19.8 29.8



#49
Dimethylphthalate
Concen: 8.51 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095870.D
Acq: 11 Jun 2017 4:45

Tgt Ion:163 Resp: 60554
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 11.1 8.4 12.6

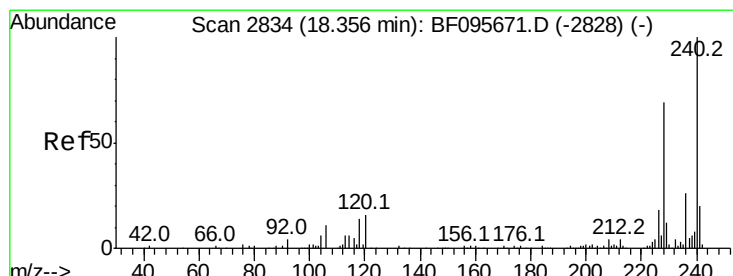
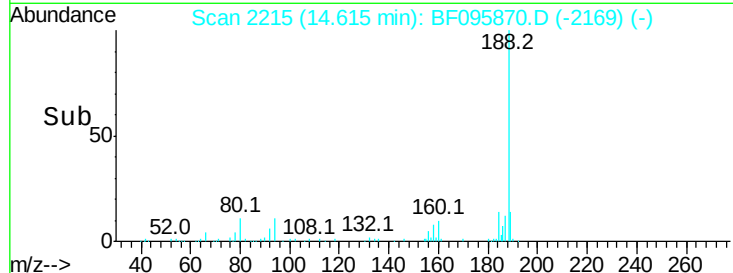
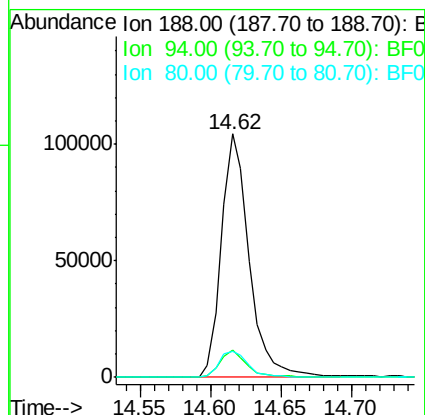
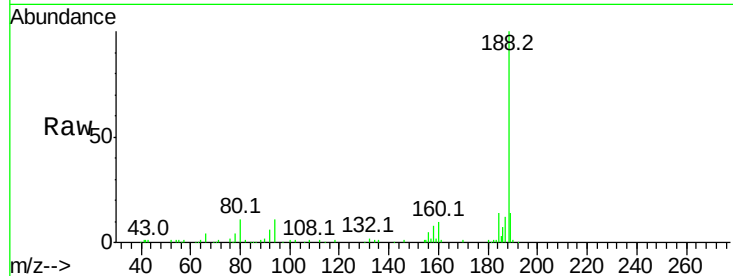




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095870.D
Acq: 11 Jun 2017 4:45

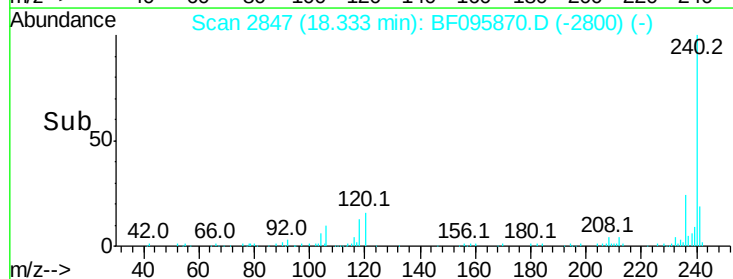
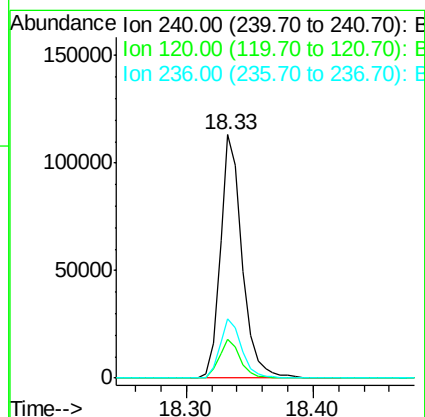
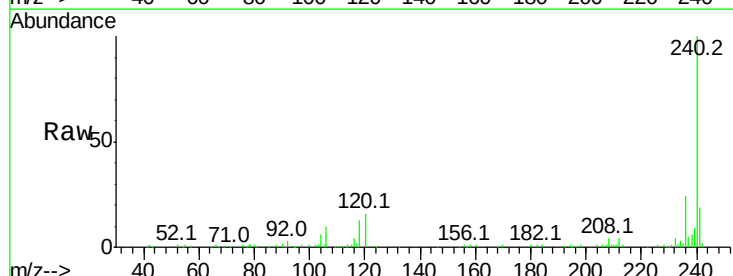
Instrument :
BNA_F
ClientSampleId :
E2-R8-BASE

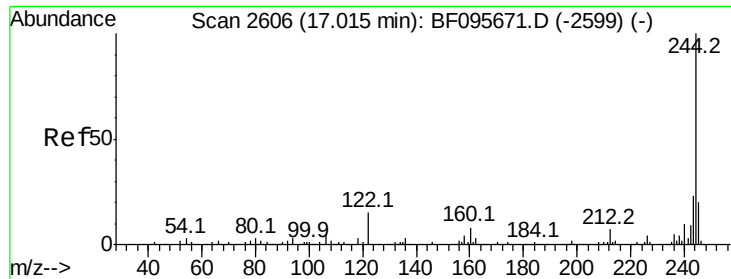
Tot Ion:188 Resp: 143636
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 10.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF095870.D
Acq: 11 Jun 2017 4:45

Tgt Ion:240 Resp: 135355
Ion Ratio Lower Upper
240 100
120 15.9 5.8 8.8#
236 24.2 20.5 30.7





#78

Terphenyl-d14

Concen: 46.65 ng

RT: 16.99 min Scan# 2618

Delta R.T. -0.03 min

Lab File: BF095870.D

Acq: 11 Jun 2017 4:45

Instrument :

BNA_F

ClientSampleId :

E2-R8-BASE

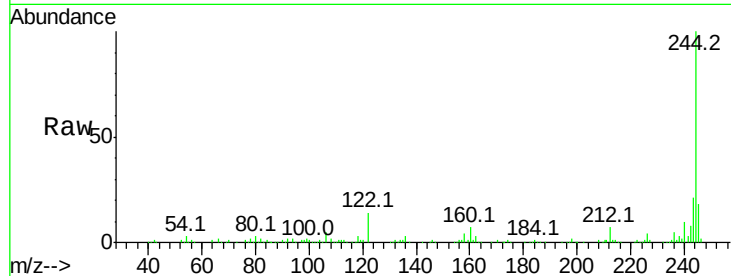
Tot Ion:244 Resp: 254421

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

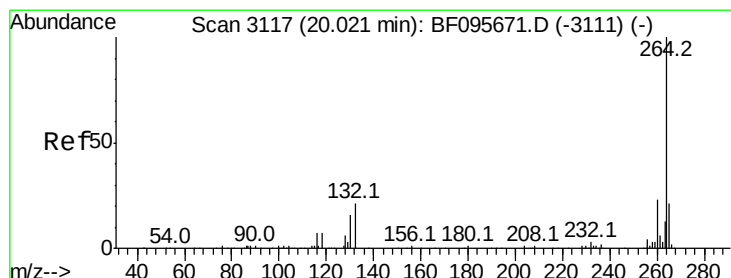
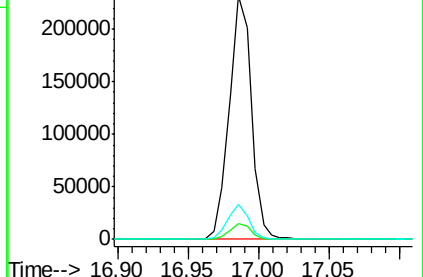
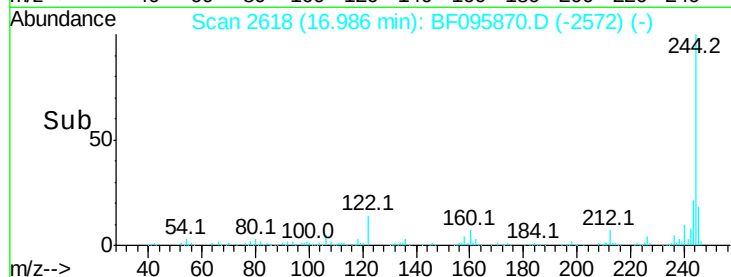
122 14.4 10.3 15.5



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: 20.00 min Scan# 3131

Delta R.T. -0.02 min

Lab File: BF095870.D

Acq: 11 Jun 2017 4:45

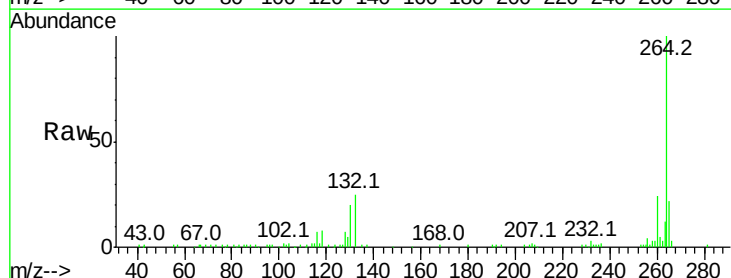
Tgt Ion:264 Resp: 94962

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.7 17.2 25.8



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

