

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097093.D
 Acq On : 26 Jul 2017 23:33
 Operator : SJ/JU
 Sample : I4407-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC3

Quant Time: Jul 27 09:03:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

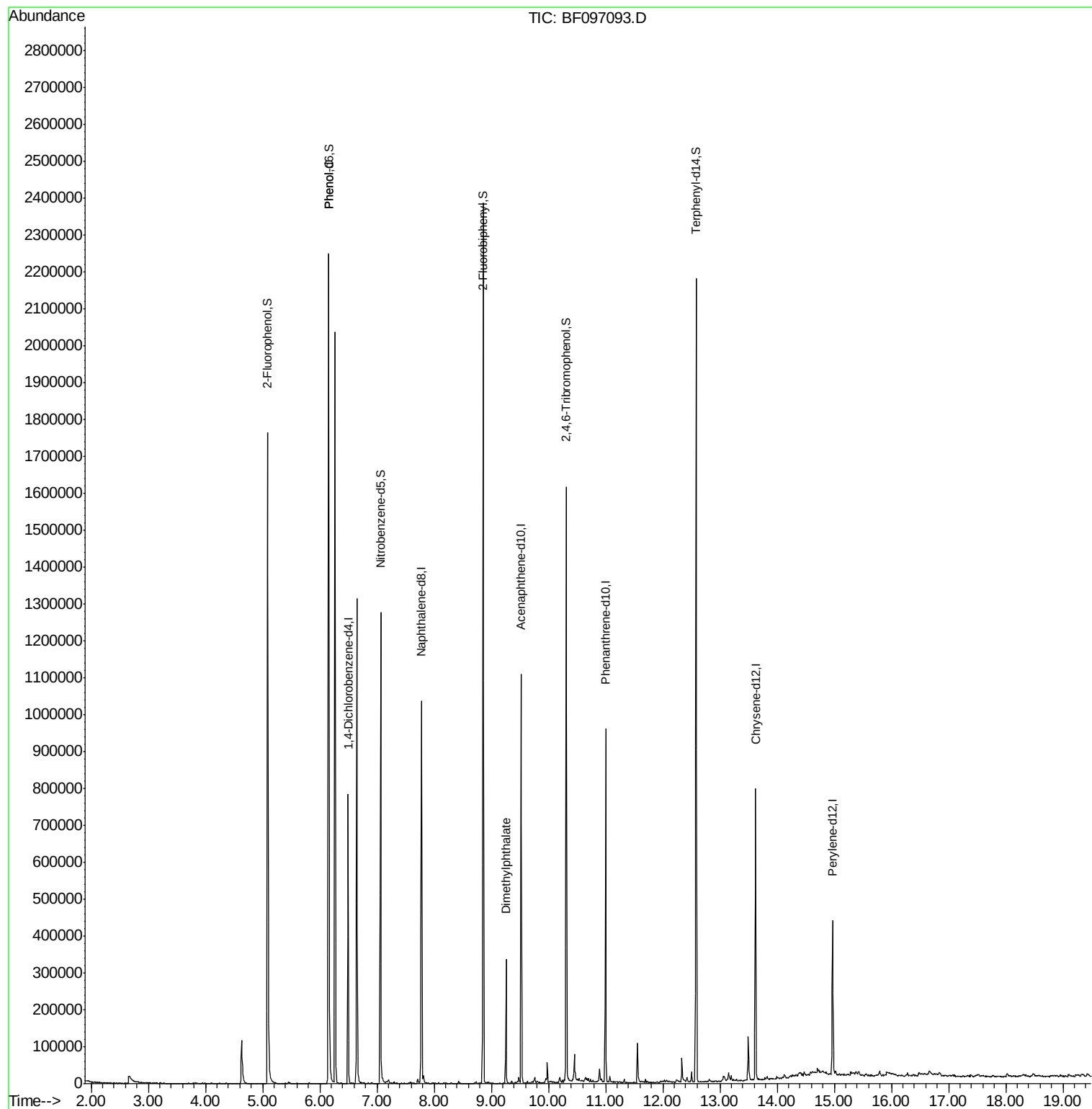
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	109689	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	476616	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	207376	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	331051	20.00	ng	0.00
75) Chrysene-d12	13.62	240	250934	20.00	ng	0.00
86) Perylene-d12	14.97	264	179461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	518773	71.30	ng	-0.01
7) Phenol-d6	6.16	99	794307	95.62	ng	-0.01
23) Nitrobenzene-d5	7.06	82	387304	47.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	179678	109.66	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	716411	58.63	ng	-0.01
78) Terphenyl-d14	12.59	244	685266	55.68	ng	0.00
Target Compounds						
10) Phenol	6.16	94	32860	3.335	ng	81
49) Dimethylphthalate	9.26	163	135337	8.594	ng	97

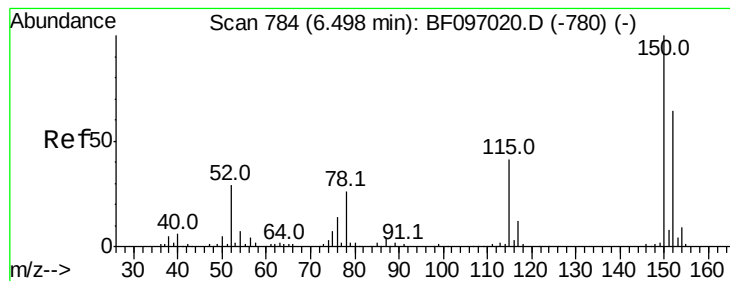
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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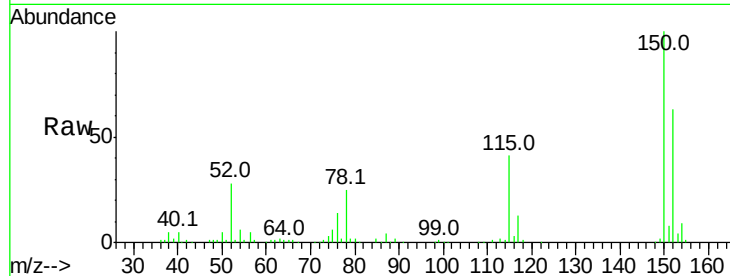


#1

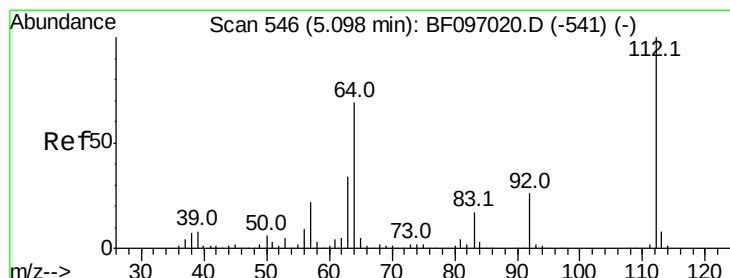
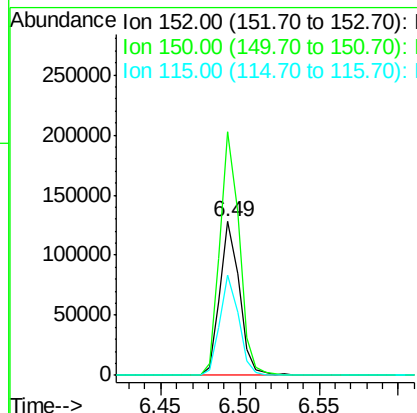
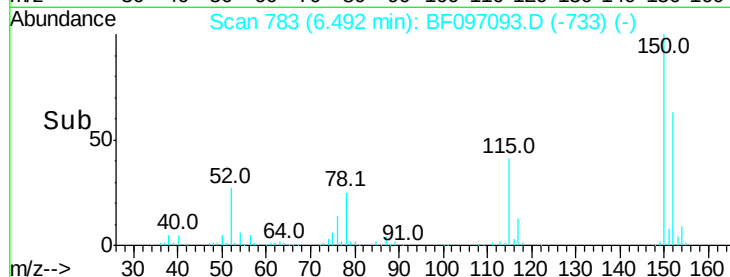
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF097093.D
 Acq: 26 Jul 2017 23:33

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC3

Tot Ion:152 Resp: 109689
 Ion Ratio Lower Upper
 152 100
 150 158.5 126.2 189.2
 115 65.5 52.2 78.2



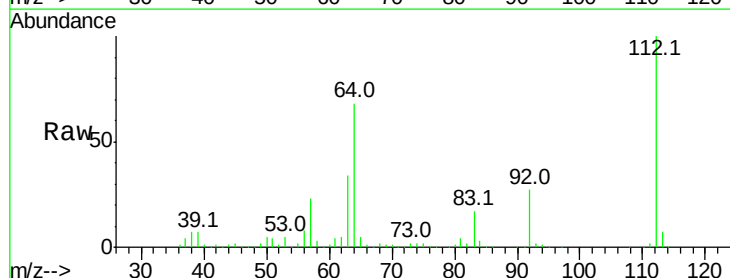
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



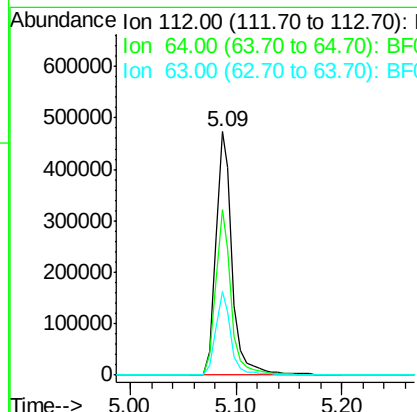
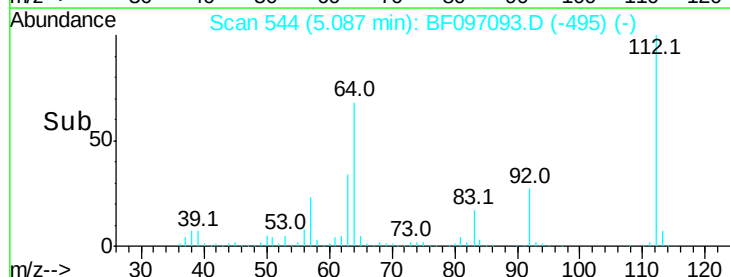
#5

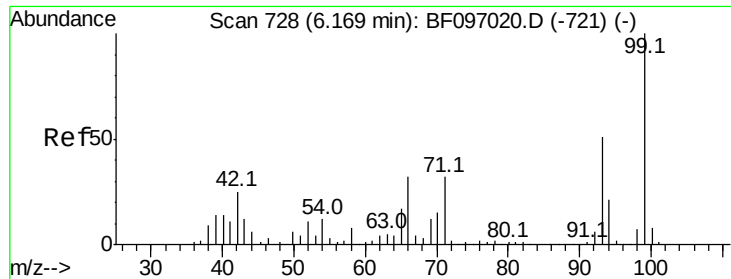
2-Fluorophenol
 Concen: 71.297 ng
 RT: 5.09 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: BF097093.D
 Acq: 26 Jul 2017 23:33

Tgt Ion:112 Resp: 518773
 Ion Ratio Lower Upper
 112 100
 64 68.0 46.0 69.0
 63 34.2 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: 95.622 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097093.D

Acq: 26 Jul 2017 23:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC3

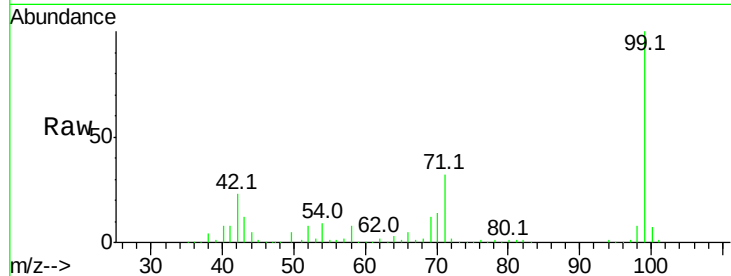
Tot Ion: 99 Resp: 794307

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

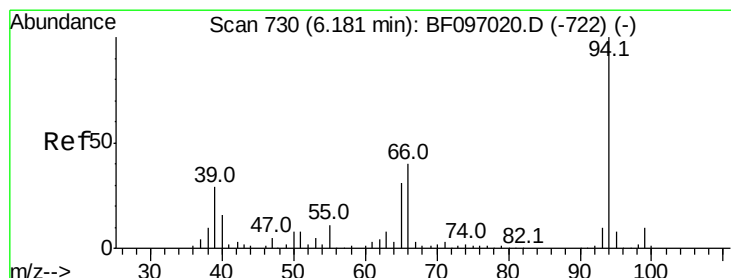
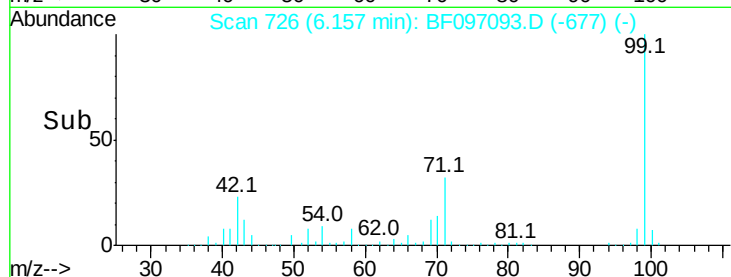
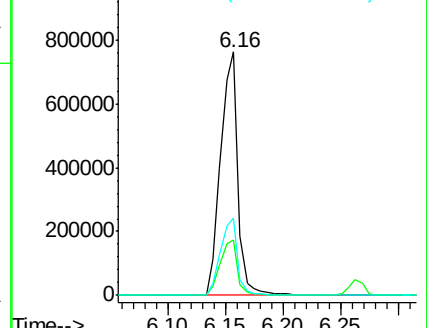
71 31.7 24.5 36.7



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: 3.335 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF097093.D

Acq: 26 Jul 2017 23:33

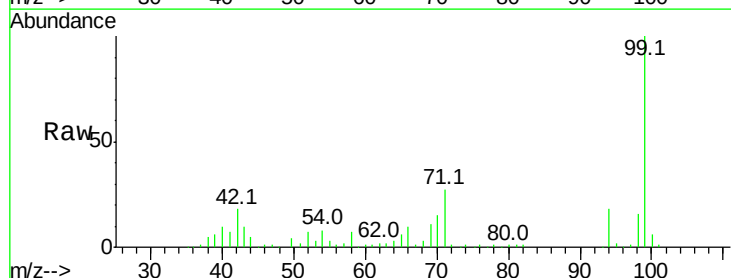
Tgt Ion: 94 Resp: 32860

Ion Ratio Lower Upper

94 100

65 35.8 9.9 49.9

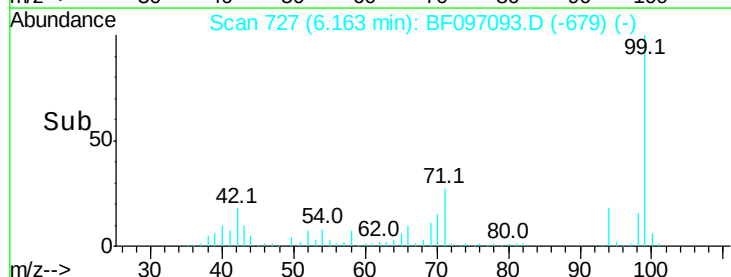
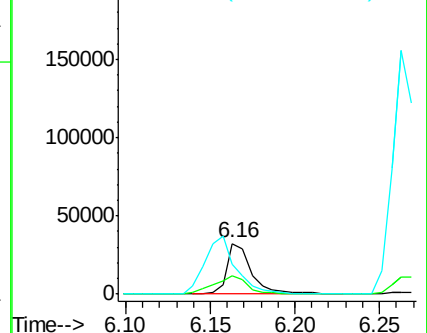
66 58.5 23.1 63.1

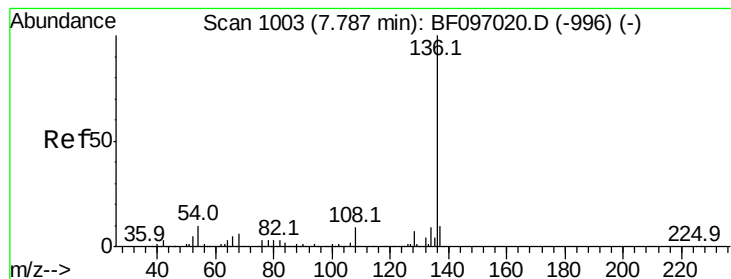


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF097093.D

Acq: 26 Jul 2017 23:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC3

Tot Ion:136 Resp: 476616

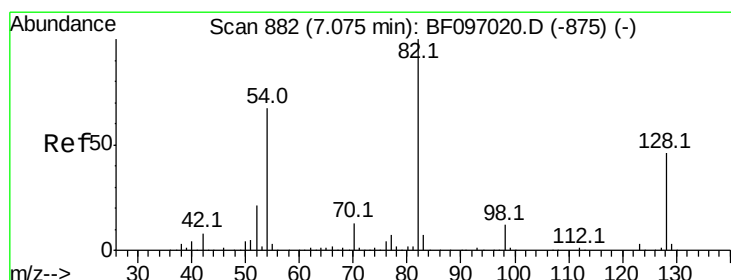
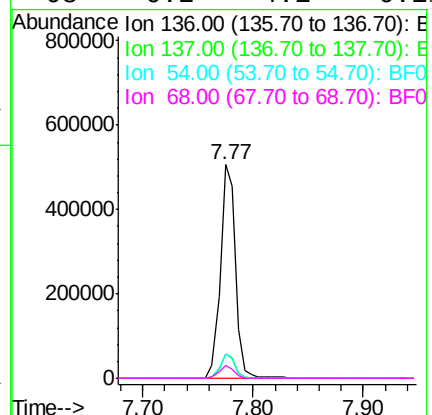
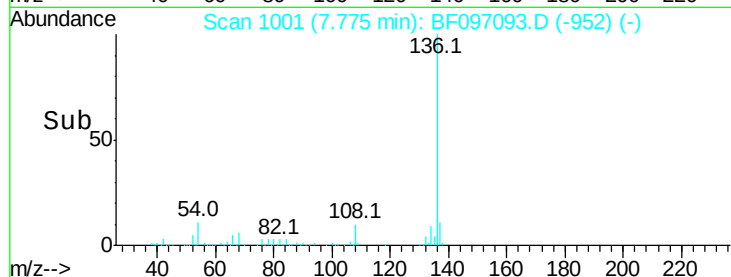
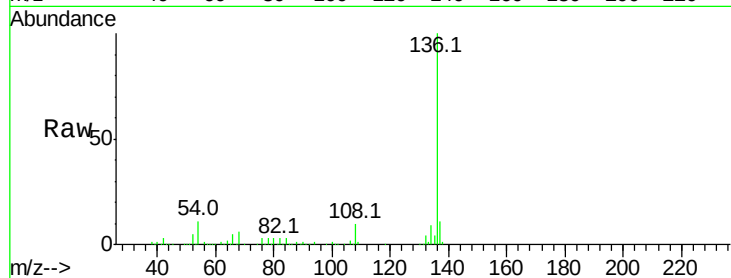
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 11.2 4.9 7.3#

68 6.2 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 47.671 ng

RT: 7.06 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF097093.D

Acq: 26 Jul 2017 23:33

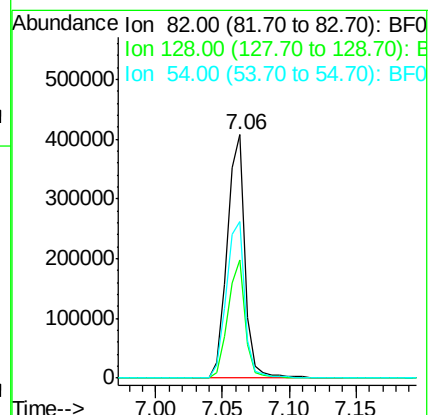
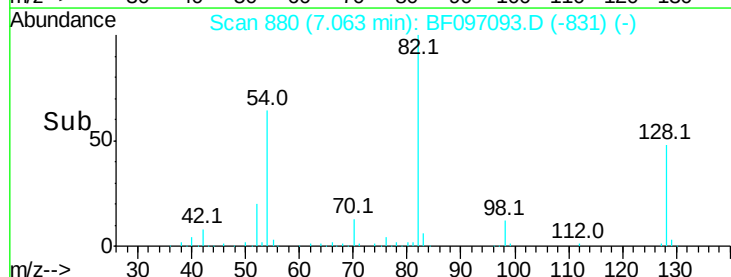
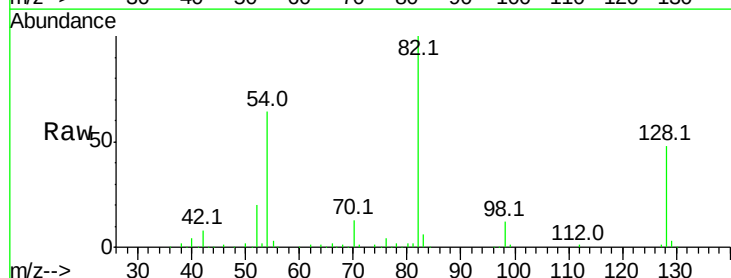
Tgt Ion: 82 Resp: 387304

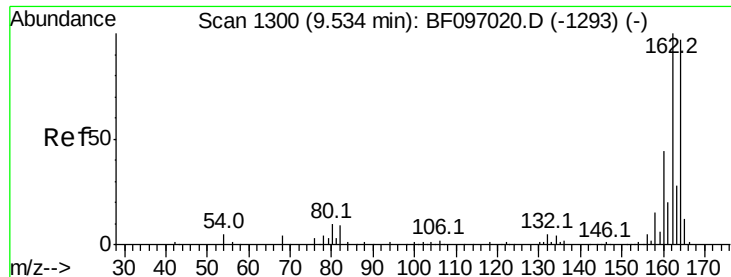
Ion Ratio Lower Upper

82 100

128 48.4 34.0 51.0

54 64.5 42.2 63.2#

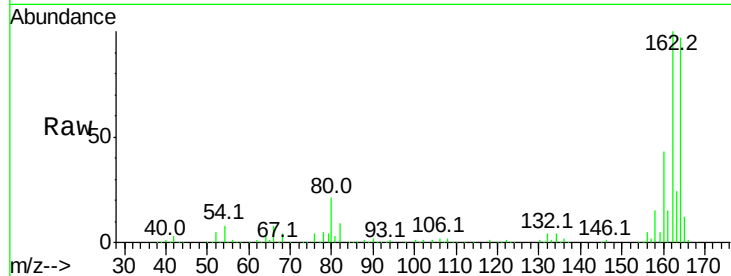




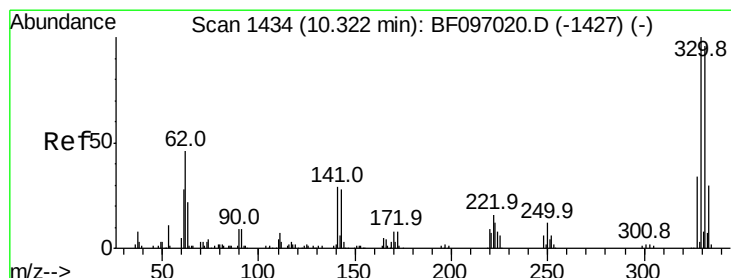
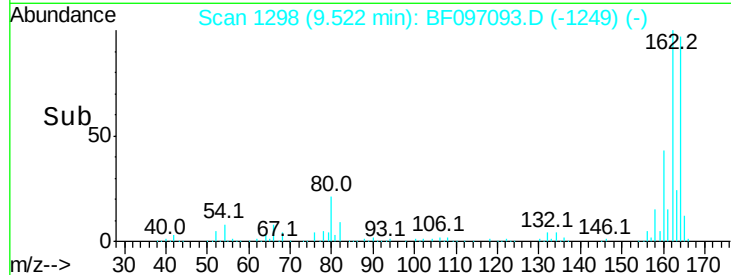
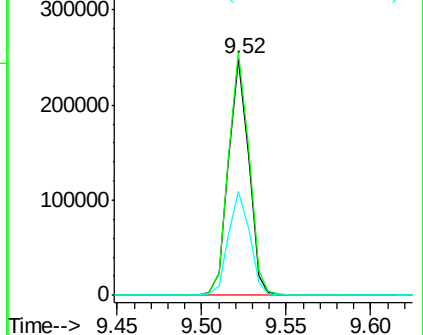
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF097093.D
Acq: 26 Jul 2017 23:33

Instrument :
BNA_F
ClientSampleId :
HDD-PILWC3

Tot Ion:164 Resp: 207376
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 44.0 36.2 54.2

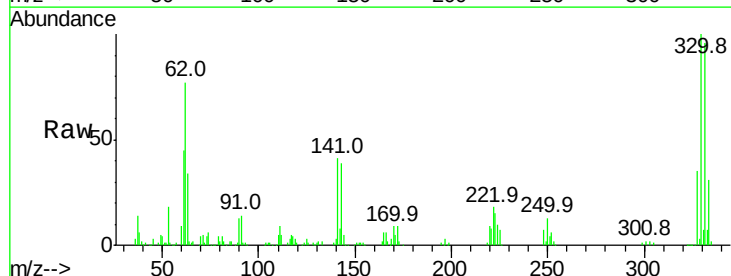


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

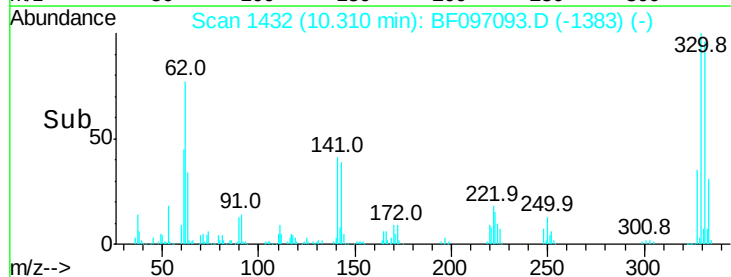
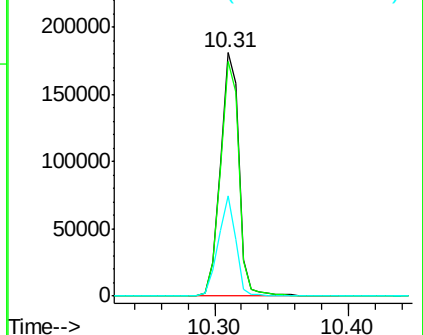


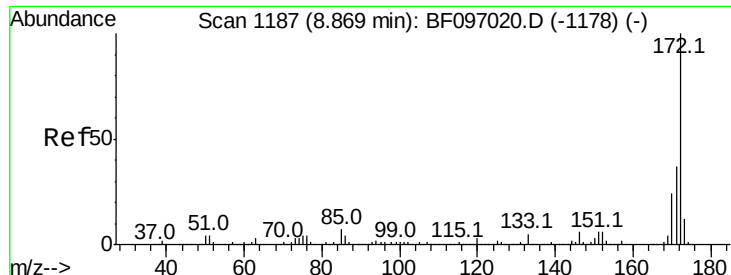
#41
2,4,6-Tribromophenol
Concen: 109.662 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF097093.D
Acq: 26 Jul 2017 23:33

Tgt Ion:330 Resp: 179678
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 38.6 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

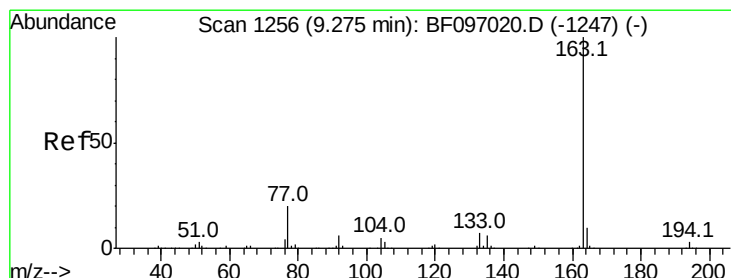
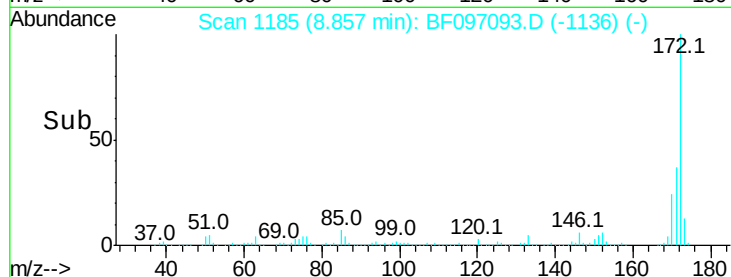
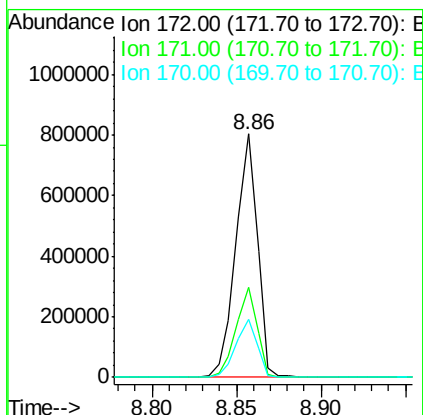
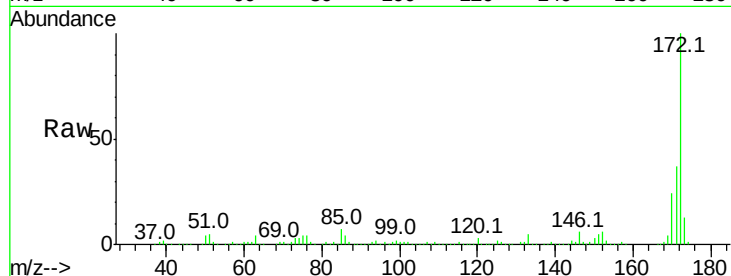




#44
2-Fluorobiphenyl
Concen: 58.629 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097093.D
Acq: 26 Jul 2017 23:33

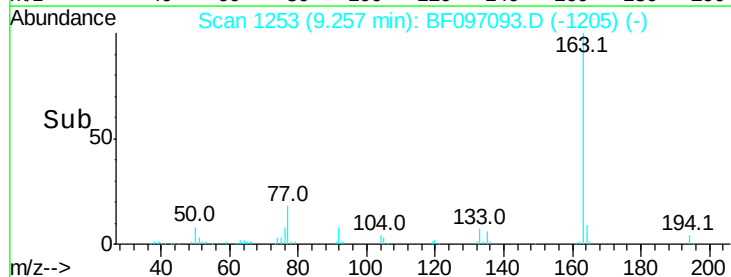
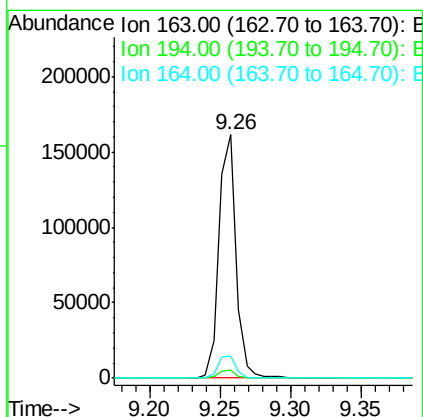
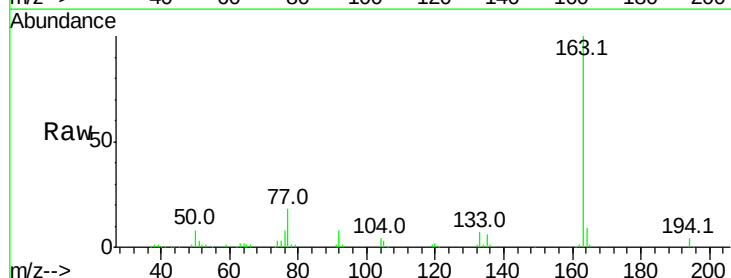
Instrument :
BNA_F
ClientSampleId :
HDD-PILWC3

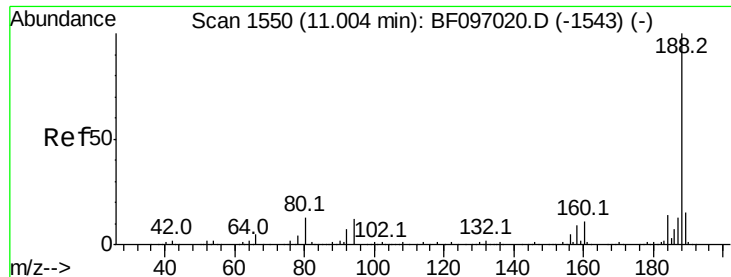
Tot Ion:172 Resp: 716411
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 23.7 19.8 29.8



#49
Dimethylphthalate
Concen: 8.594 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097093.D
Acq: 26 Jul 2017 23:33

Tgt Ion:163 Resp: 135337
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.1 8.4 12.6

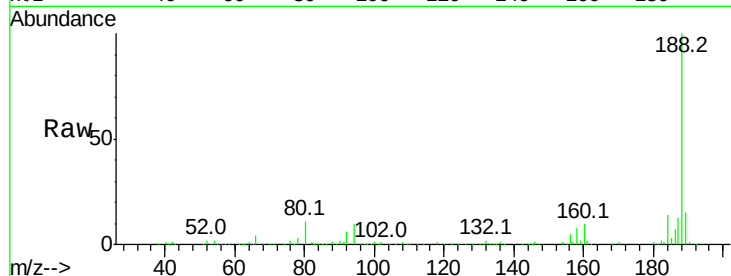




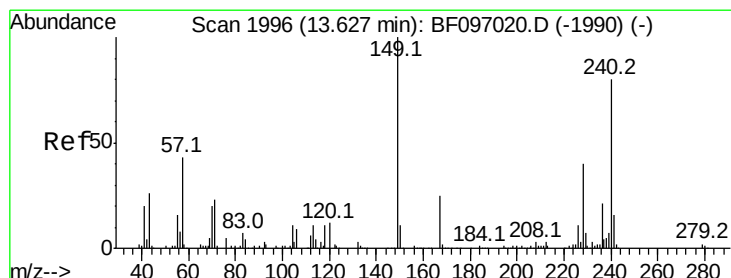
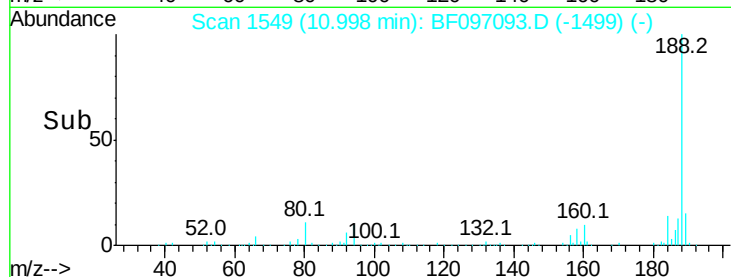
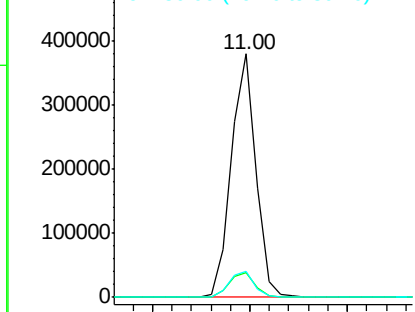
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097093.D
Acq: 26 Jul 2017 23:33

Instrument :
BNA_F
ClientSampleId :
HDD-PILWC3

Tot Ion:188 Resp: 331051
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.7 10.2 15.2

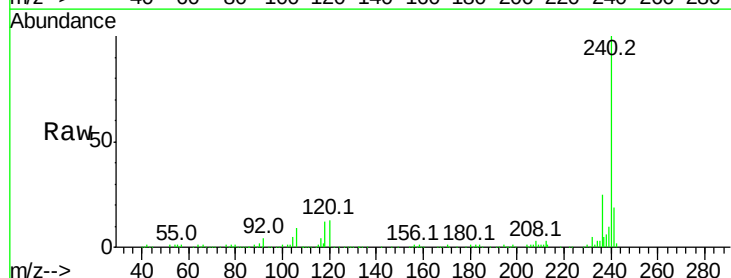


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

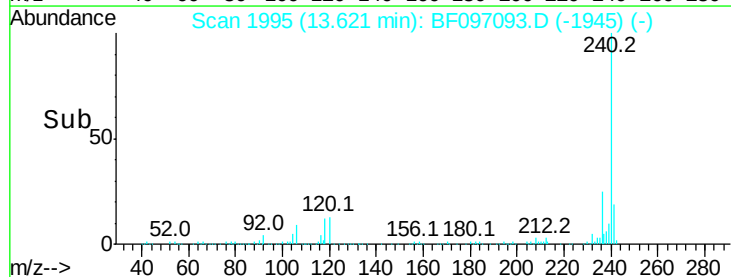
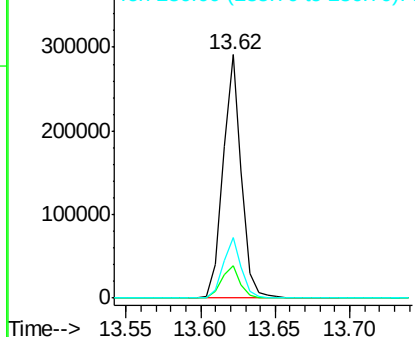


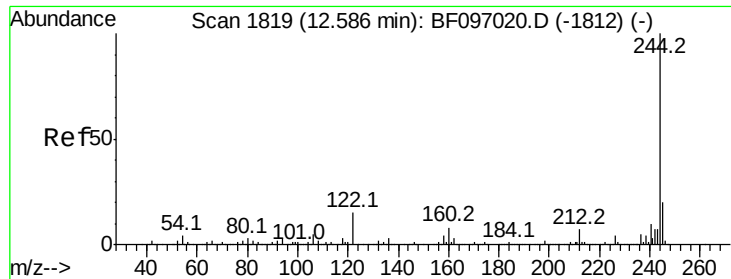
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097093.D
Acq: 26 Jul 2017 23:33

Tgt Ion:240 Resp: 250934
Ion Ratio Lower Upper
240 100
120 13.2 5.8 8.8#
236 24.8 20.5 30.7



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: 55.678 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097093.D

Acq: 26 Jul 2017 23:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC3

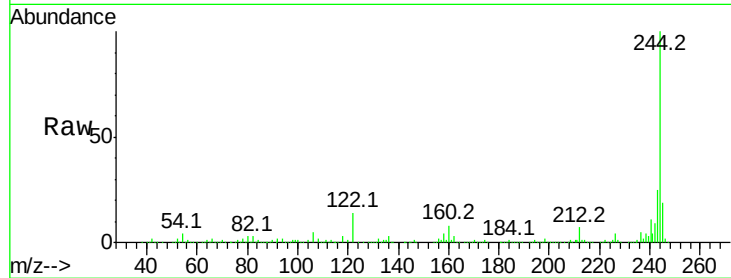
Tot Ion:244 Resp: 685266

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

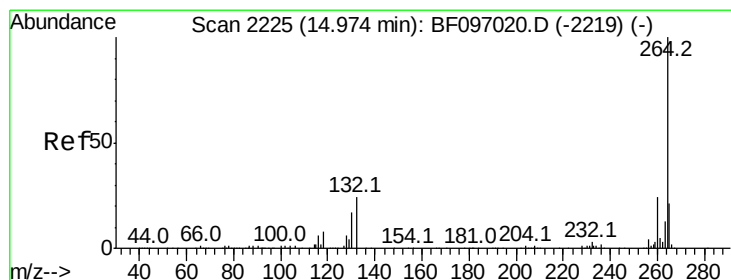
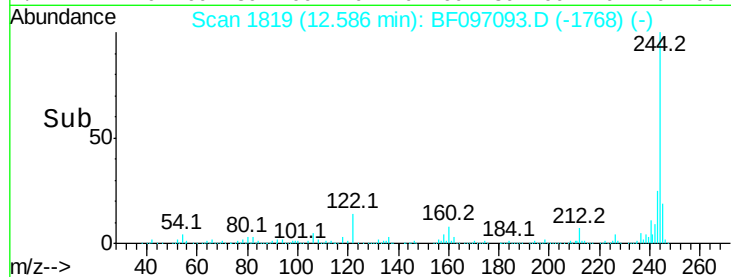
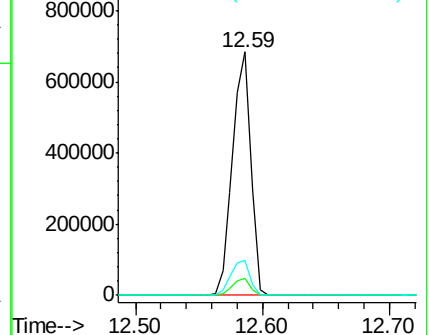
122 14.4 10.3 15.5



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: 20.000 ng

RT: 14.97 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF097093.D

Acq: 26 Jul 2017 23:33

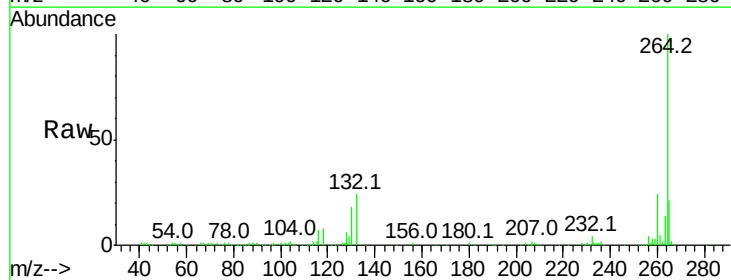
Tgt Ion:264 Resp: 179461

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.4 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

