

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051017\
 Data File : BF095071.D
 Acq On : 10 May 2017 23:18
 Operator : SJ/MA
 Sample : I3037-07 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB408C

Quant Time: May 11 07:15:09 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

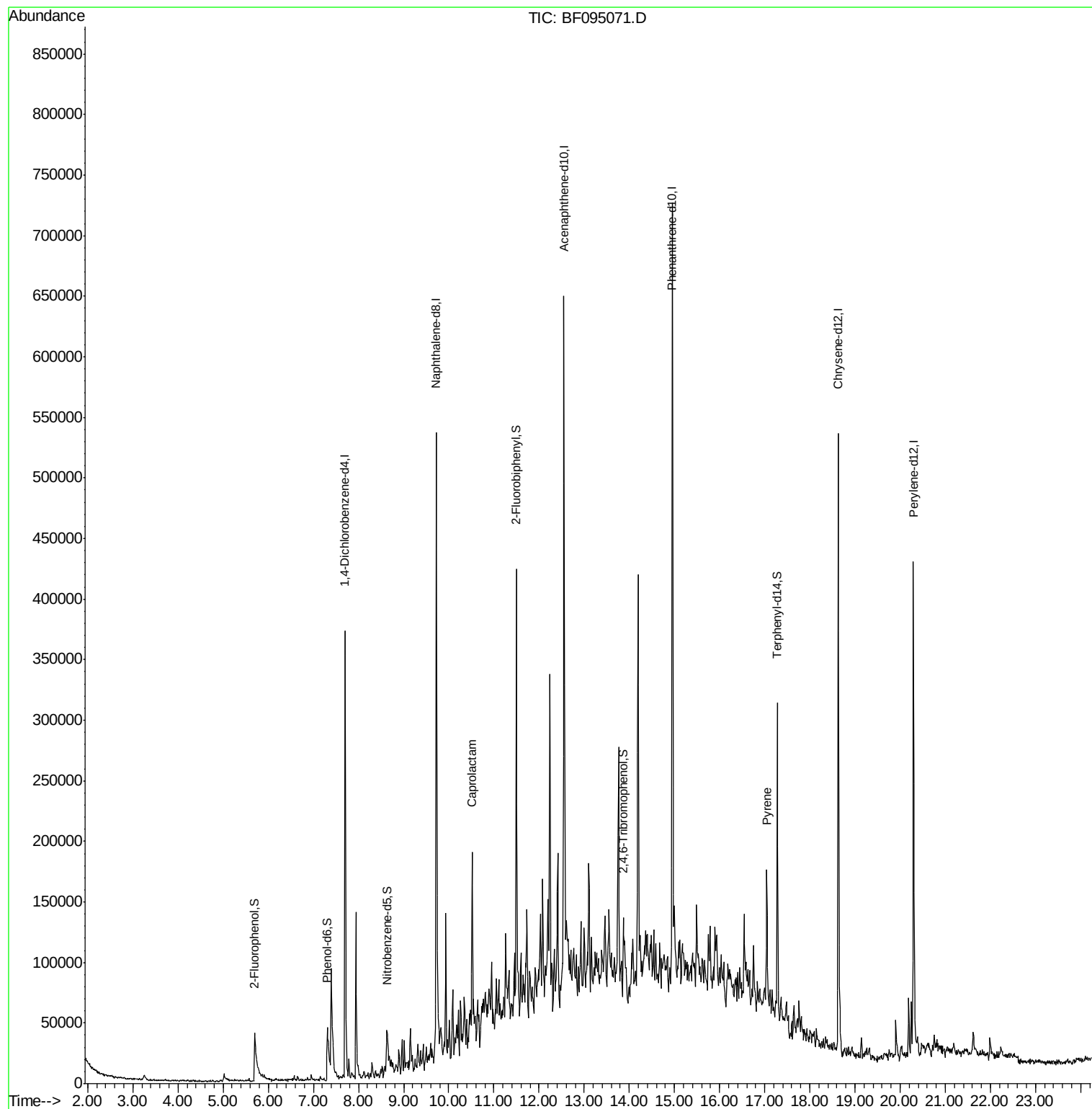
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	86081	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	355617	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	163993	20.00	ng	-0.03
63) Phenanthrene-d10	14.96	188	292375	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	222839	20.00	ng	-0.02
86) Perylene-d12	20.29	264	194784	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	52824	10.23	ng	0.02
7) Phenol-d6	7.31	99	62748	10.13	ng	0.03
23) Nitrobenzene-d5	8.62	82	39410	6.99	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	13534	10.08	ng	-0.01
44) 2-Fluorobiphenyl	11.50	172	104085	9.14	ng	-0.03
78) Terphenyl-d14	17.28	244	93244	9.22	ng	-0.03
Target Compounds						
35) Caprolactam	10.52	113	4672	3.20	ng	Qvalue # 56
77) Pyrene	17.05	202	60241	3.61	ng	99

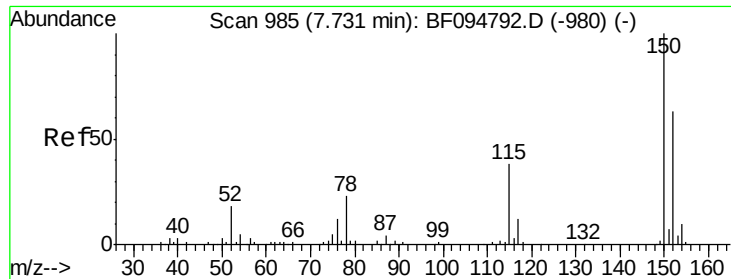
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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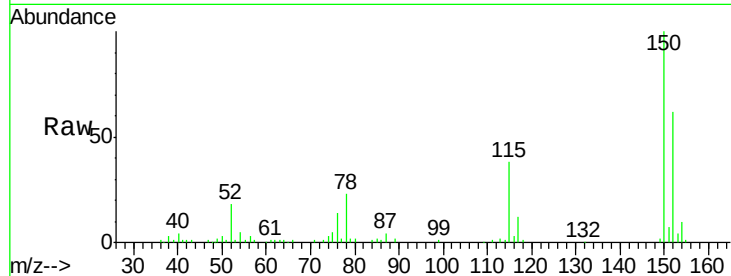


#1

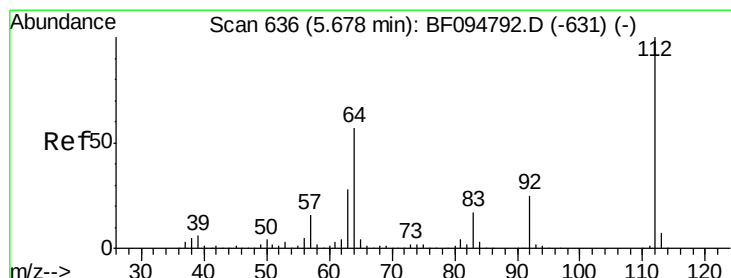
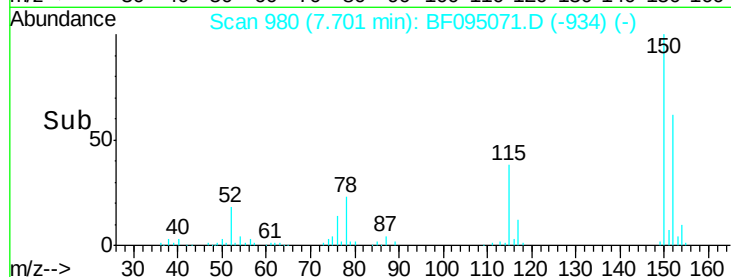
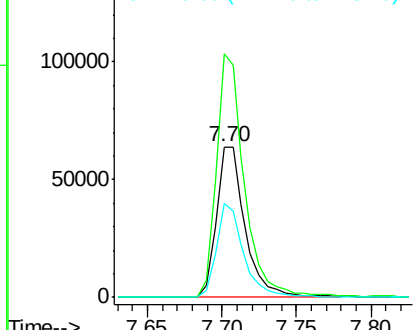
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF095071.D
Acq: 10 May 2017 23:18

Instrument :
BNA_F
ClientSampleId :
HY-SB408C

Tgt Ion:152 Resp: 86081
Ion Ratio Lower Upper
152 100
150 161.6 126.2 189.2
115 62.1 52.2 78.2



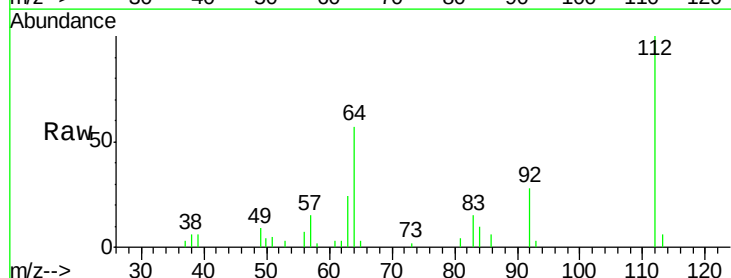
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



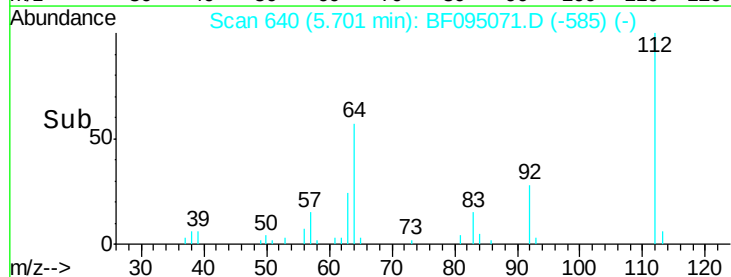
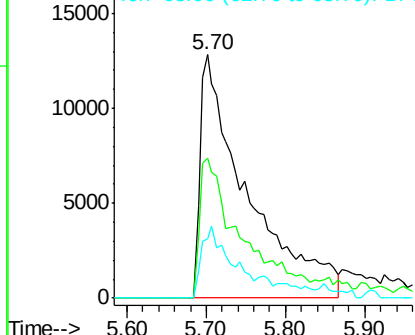
#5

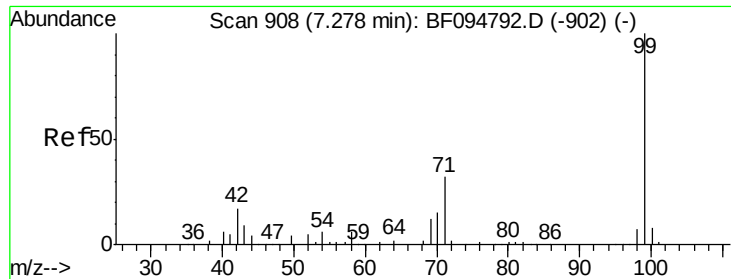
2-Fluorophenol
Concen: 10.23 ng
RT: 5.70 min Scan# 640
Delta R.T. 0.02 min
Lab File: BF095071.D
Acq: 10 May 2017 23:18

Tgt Ion:112 Resp: 52824
Ion Ratio Lower Upper
112 100
64 57.4 46.0 69.0
63 24.5 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: 10.13 ng

RT: 7.31 min Scan# 913

Delta R.T. 0.03 min

Lab File: BF095071.D

Acq: 10 May 2017 23:18

Instrument :

BNA_F

ClientSampleId :

HY-SB408C

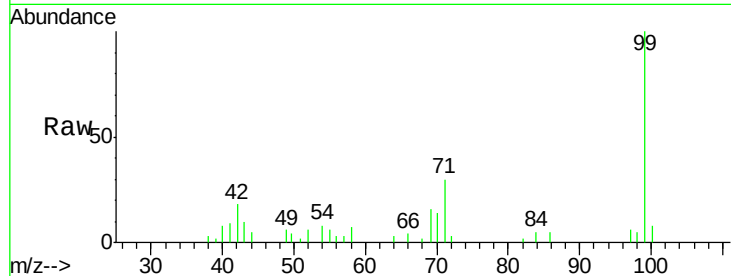
Tgt Ion: 99 Resp: 62748

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

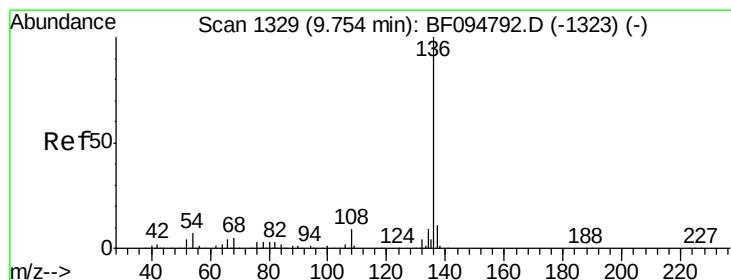
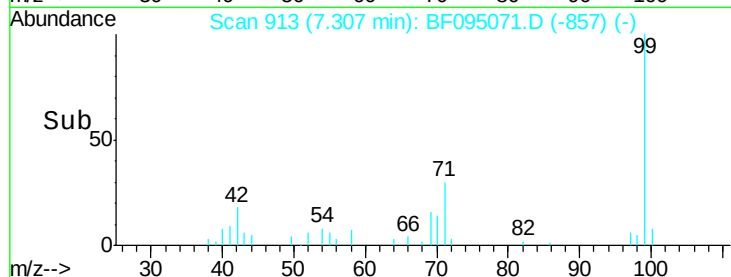
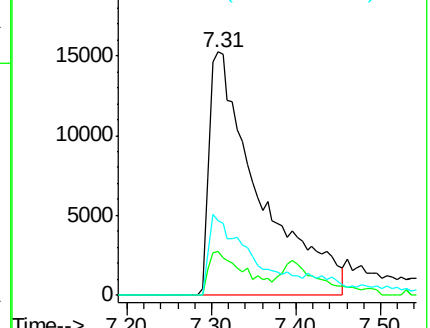
71 30.5 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.72 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BF095071.D

Acq: 10 May 2017 23:18

Tgt Ion: 136 Resp: 355617

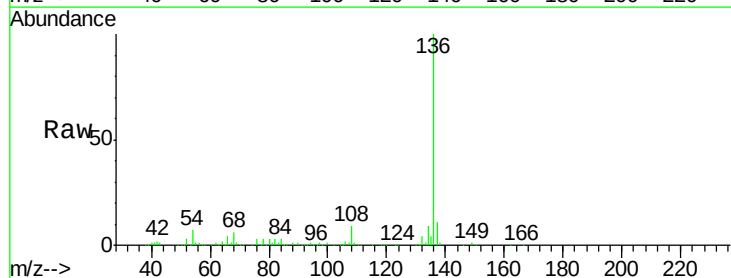
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.8 4.9 7.3

68 5.8 4.1 6.1

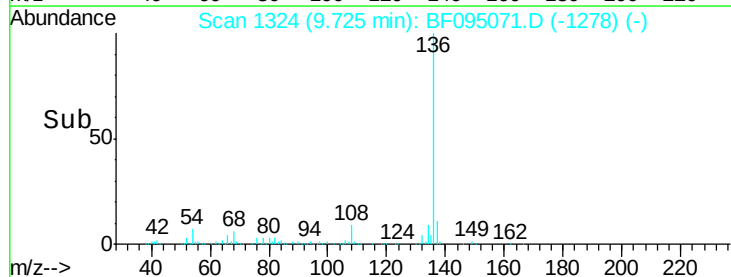
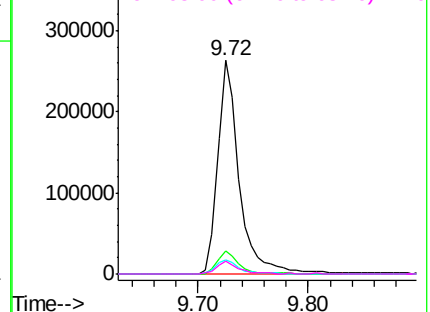


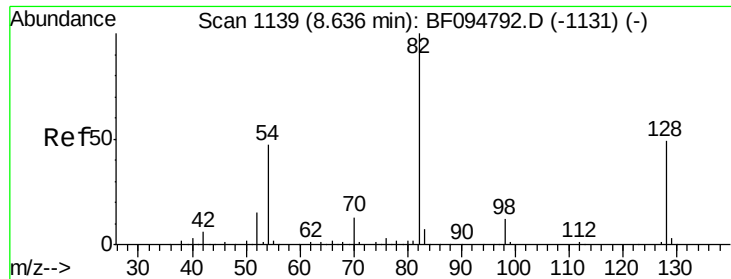
Abundance Ion 136.00 (135.70 to 136.70): E

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

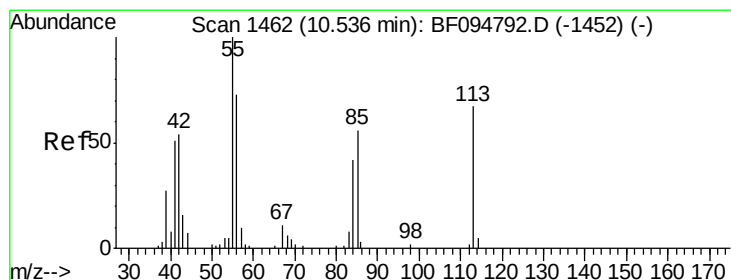
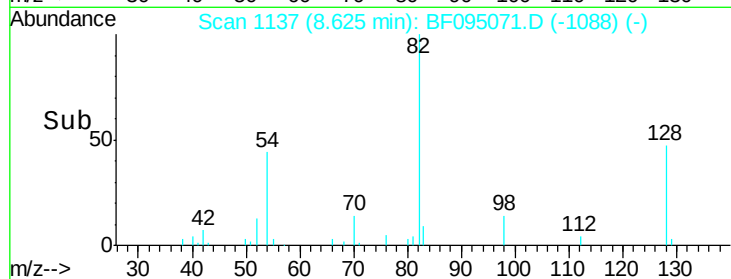
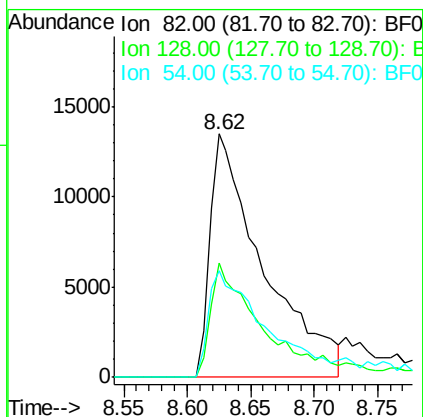
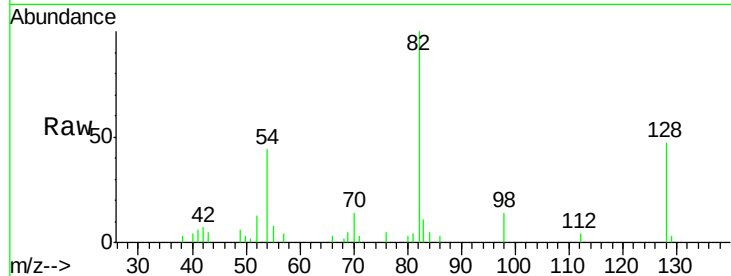




#23
 Nitrobenzene-d5
 Concen: 6.99 ng
 RT: 8.62 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF095071.D
 Acq: 10 May 2017 23:18

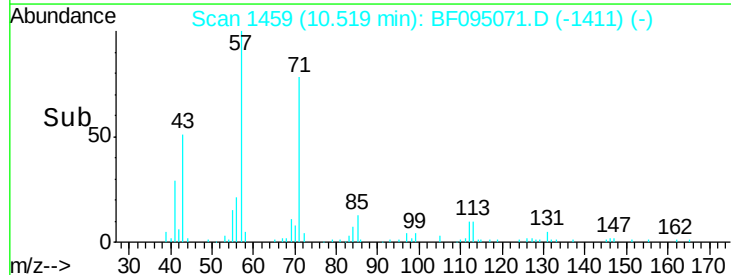
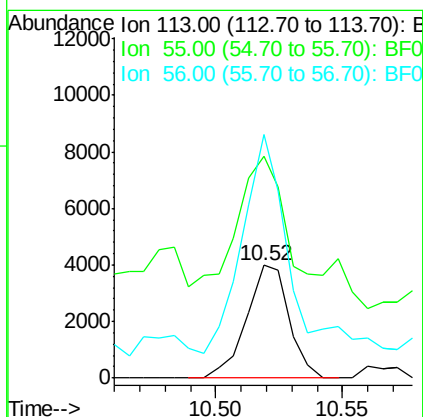
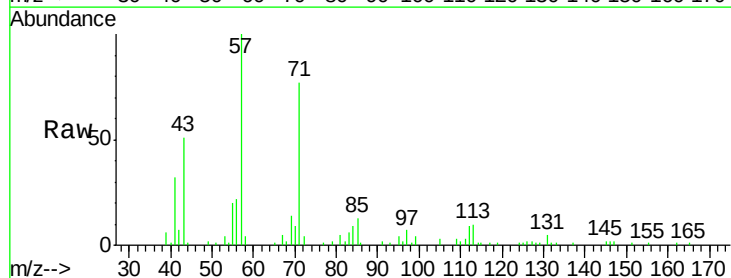
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB408C

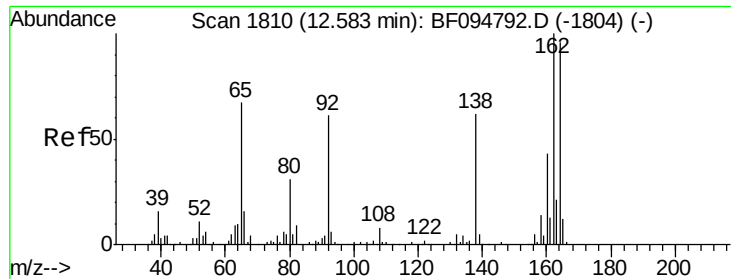
Tgt Ion: 82 Resp: 39410
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.0 51.0
 54 43.7 42.2 63.2



#35
 Caprolactam
 Concen: 3.20 ng
 RT: 10.52 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF095071.D
 Acq: 10 May 2017 23:18

Tgt Ion: 113 Resp: 4672
 Ion Ratio Lower Upper
 113 100
 55 196.6 150.2 190.2#
 56 216.3 107.8 147.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.55 min Scan# 1805

Delta R.T. -0.03 min

Lab File: BF095071.D

Acq: 10 May 2017 23:18

Instrument :

BNA_F

ClientSampleId :

HY-SB408C

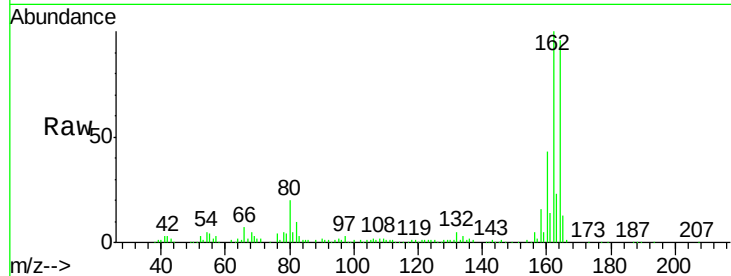
Tgt Ion:164 Resp: 163993

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

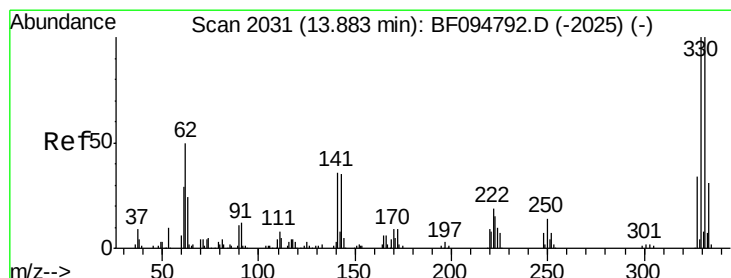
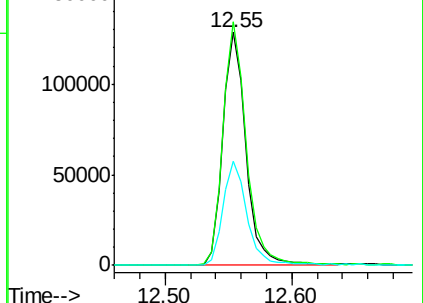
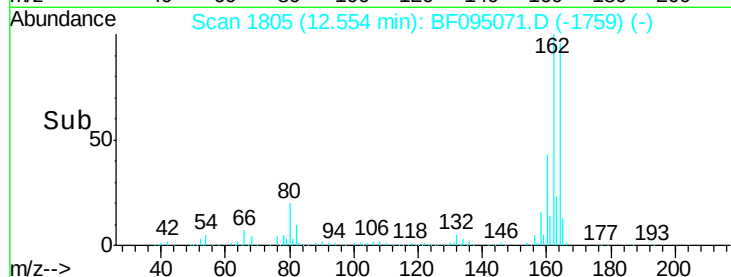
160 44.8 36.2 54.2



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: 10.08 ng

RT: 13.87 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF095071.D

Acq: 10 May 2017 23:18

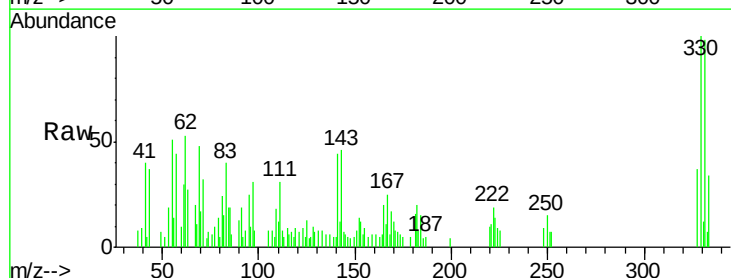
Tgt Ion:330 Resp: 13534

Ion Ratio Lower Upper

330 100

332 100.0 76.6 115.0

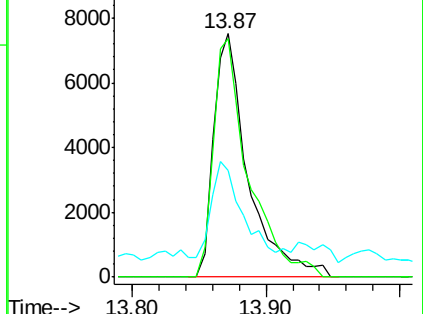
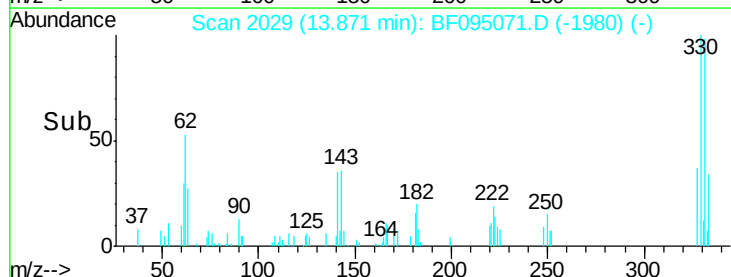
141 34.1 31.4 47.2

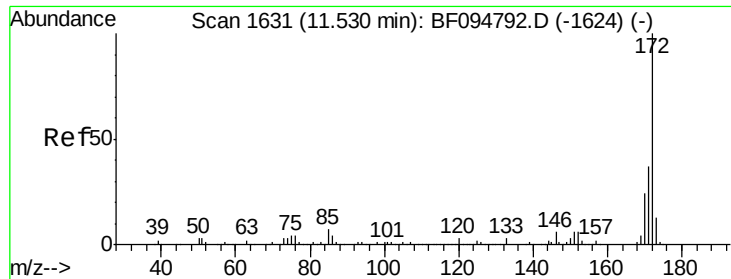


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

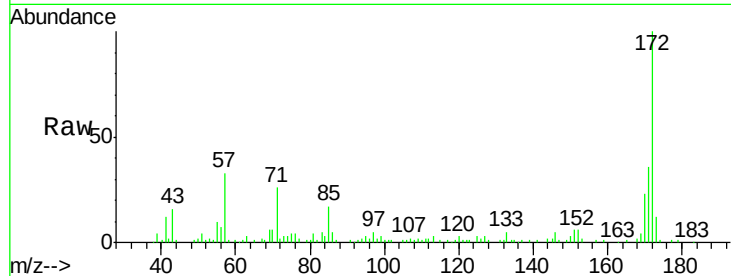




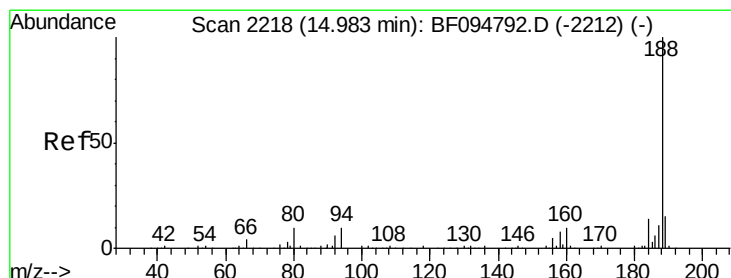
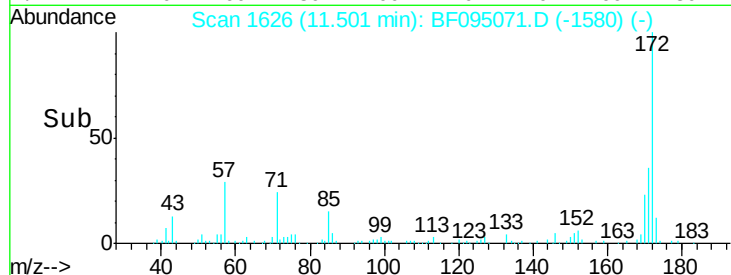
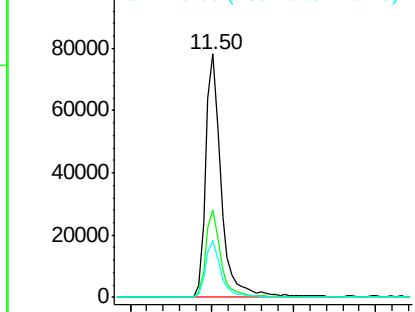
#44
 2-Fluorobiphenyl
 Concen: 9.14 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. -0.03 min
 Lab File: BF095071.D
 Acq: 10 May 2017 23:18

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB408C

Tgt Ion:172 Resp: 104085
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.1 19.8 29.8

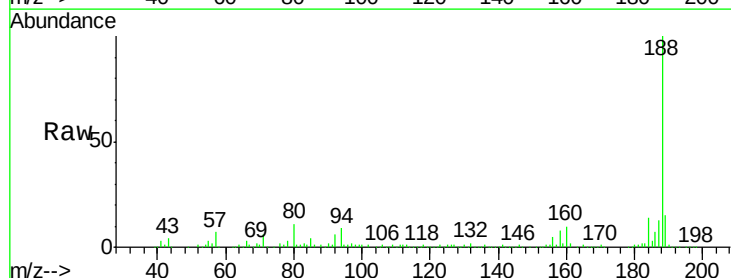


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

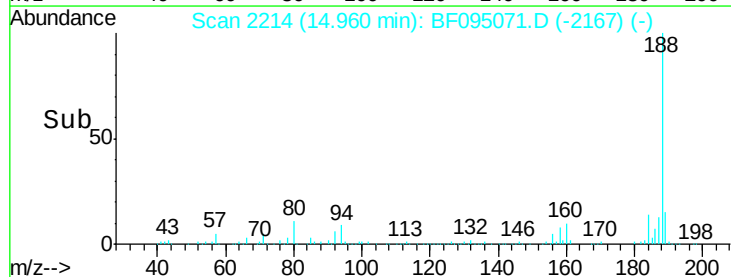
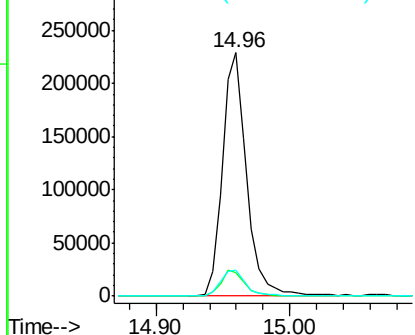


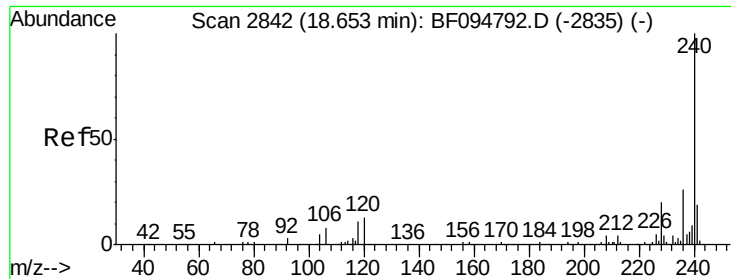
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2214
 Delta R.T. -0.02 min
 Lab File: BF095071.D
 Acq: 10 May 2017 23:18

Tgt Ion:188 Resp: 292375
 Ion Ratio Lower Upper
 188 100
 94 9.5 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

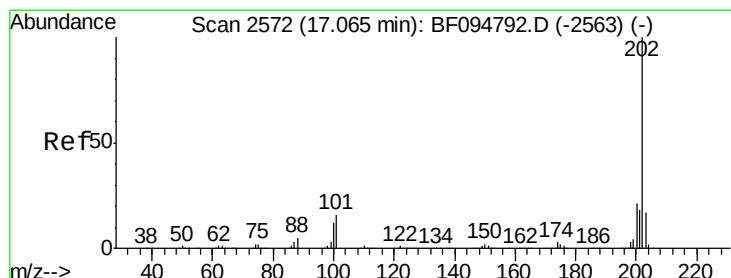
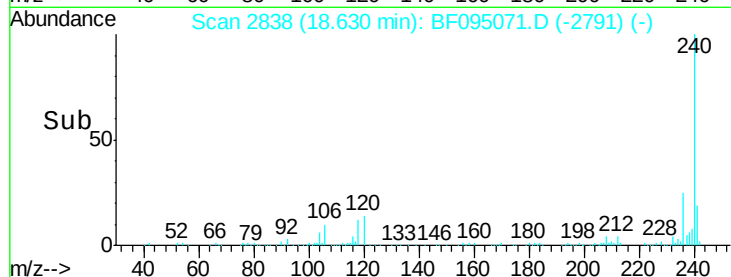
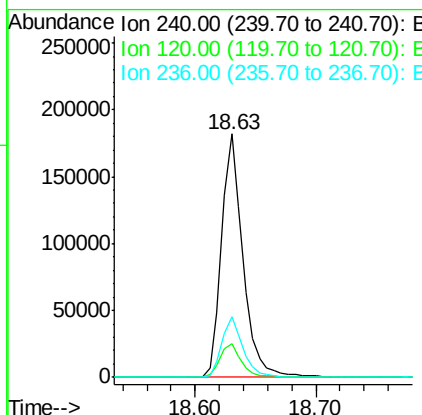
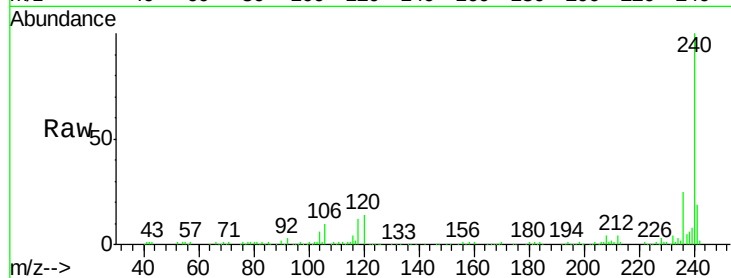




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095071.D
Acq: 10 May 2017 23:18

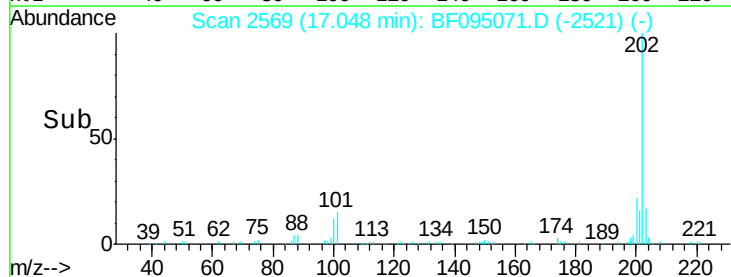
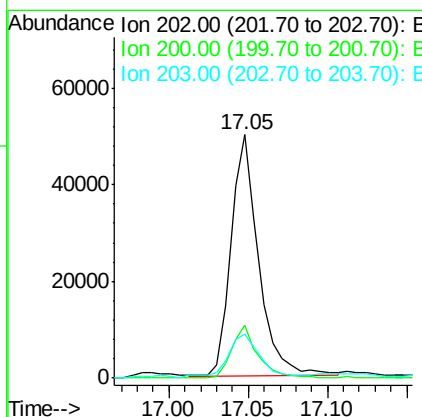
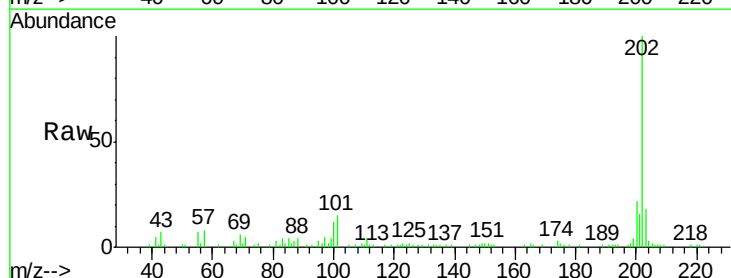
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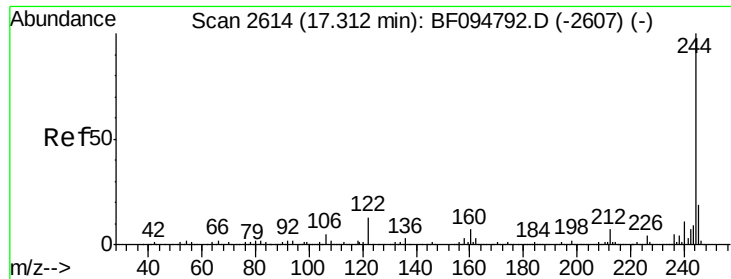
Tgt Ion:240 Resp: 222839
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 25.1 20.5 30.7



#77
Pyrene
Concen: 3.61 ng
RT: 17.05 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BF095071.D
Acq: 10 May 2017 23:18

Tgt Ion:202 Resp: 60241
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 17.8 14.4 21.6

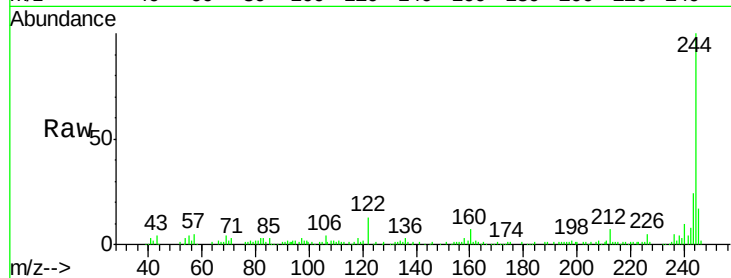




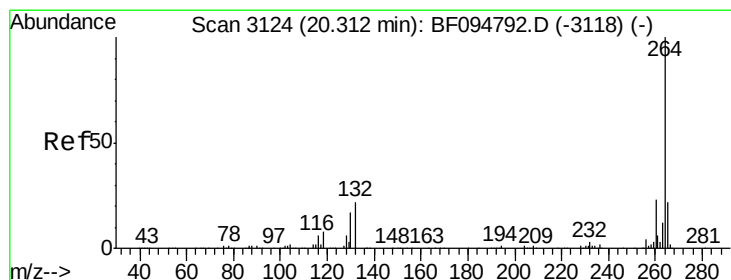
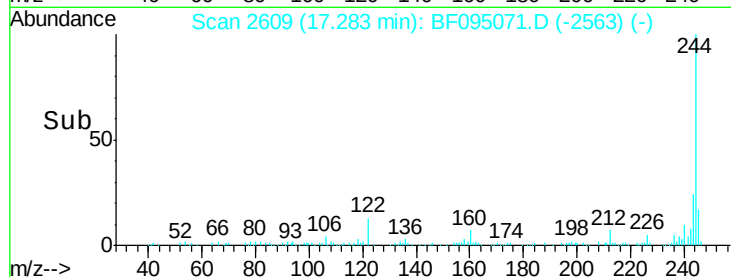
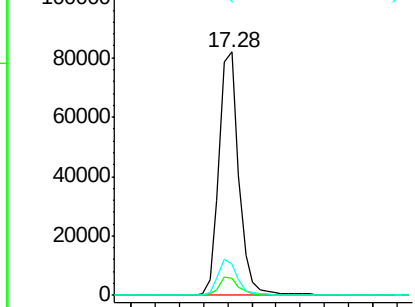
#78
 Terphenyl-d14
 Concen: 9.22 ng
 RT: 17.28 min Scan# 2609
 Delta R.T. -0.03 min
 Lab File: BF095071.D
 Acq: 10 May 2017 23:18

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB408C

Tgt Ion:244 Resp: 93244
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.7 10.3 15.5

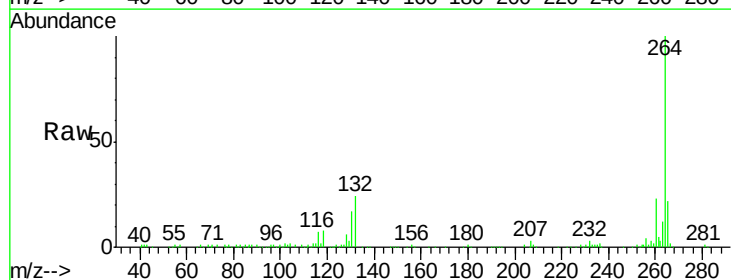


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095071.D
 Acq: 10 May 2017 23:18

Tgt Ion:264 Resp: 194784
 Ion Ratio Lower Upper
 264 100
 260 23.3 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

