

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095897.D
 Acq On : 13 Jun 2017 16:55
 Operator : SJ/MA
 Sample : PB99721BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 04:10:17 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

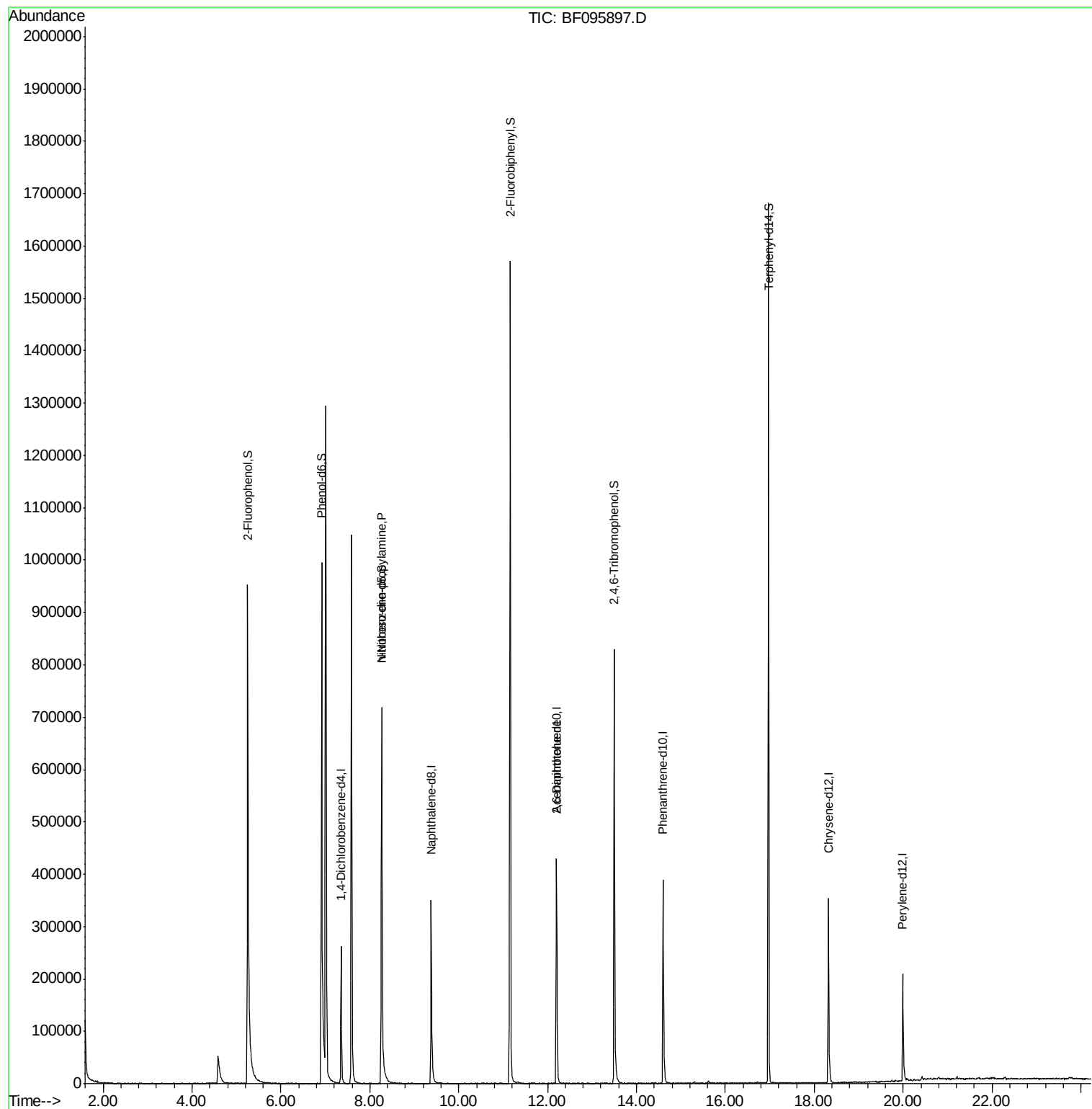
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	67792	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	287001	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	135652	20.00	ng	-0.06
63) Phenanthrene-d10	14.60	188	254113	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	179608	20.00	ng	-0.04
86) Perylene-d12	19.99	264	122308	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	563082	132.35	ng	-0.03
7) Phenol-d6	6.92	99	694179	136.29	ng	-0.04
23) Nitrobenzene-d5	8.27	82	399374	86.42	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	155202	129.31	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	824463	84.58	ng	-0.05
78) Terphenyl-d14	16.97	244	710356	98.15	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.27	70	47655	14.76	ng	# 74
50) 2,6-Dinitrotoluene	12.20	165	17337	7.72	ng	# 31

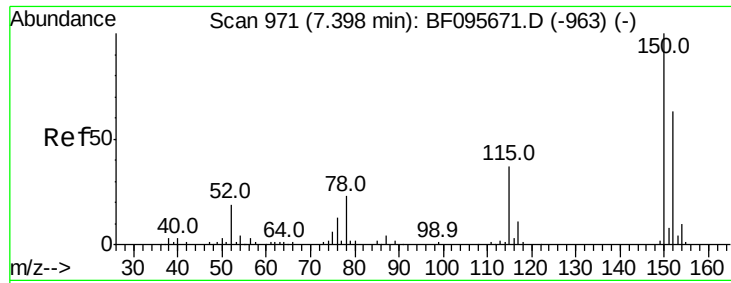
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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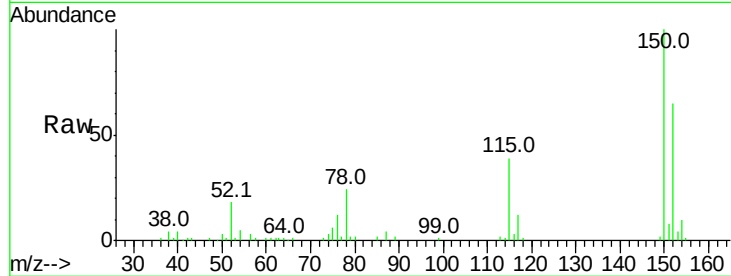


#1

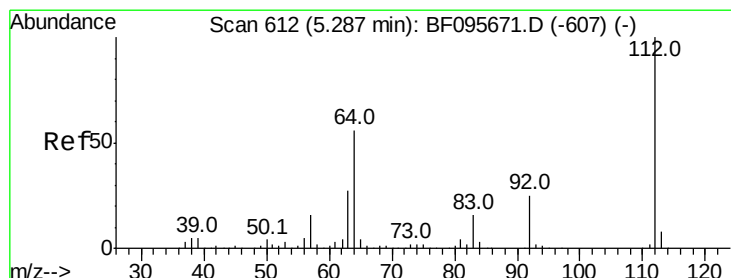
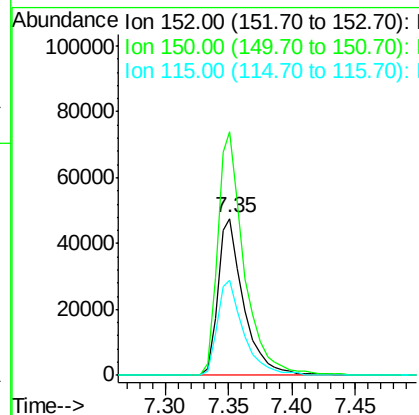
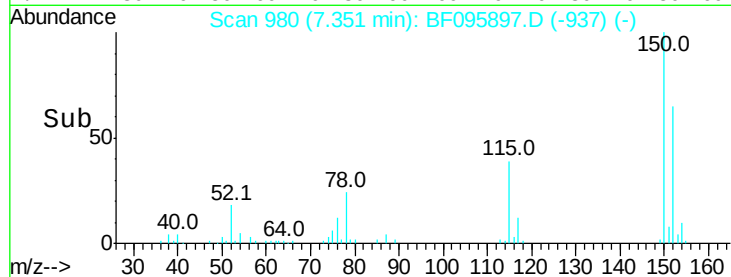
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095897.D
Acq: 13 Jun 2017 16:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 67792
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 60.2 52.2 78.2



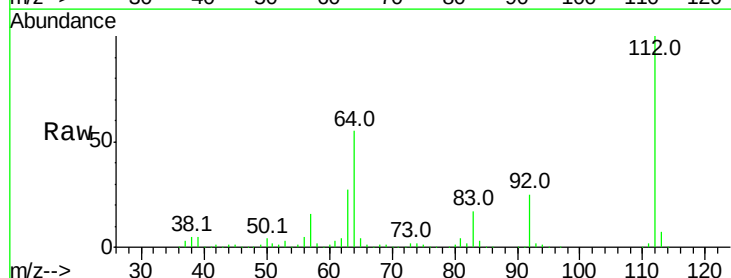
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



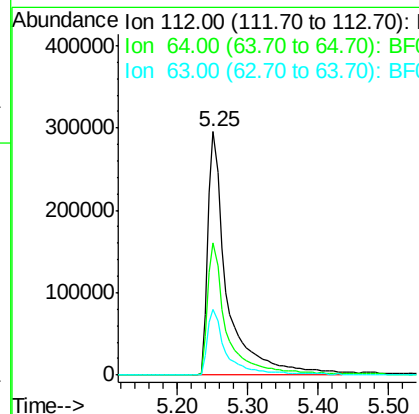
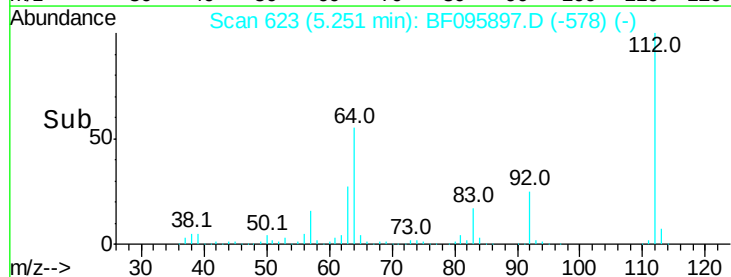
#5

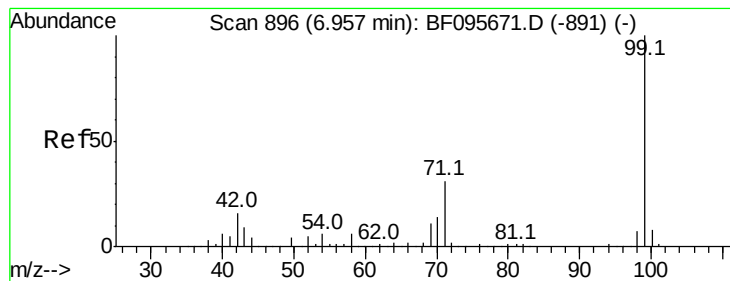
2-Fluorophenol
Concen: 132.35 ng
RT: 5.25 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF095897.D
Acq: 13 Jun 2017 16:55

Tgt Ion:112 Resp: 563082
Ion Ratio Lower Upper
112 100
64 54.5 46.0 69.0
63 27.0 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: 136.29 ng

RT: 6.92 min Scan# 906

Delta R.T. -0.04 min

Lab File: BF095897.D

Acq: 13 Jun 2017 16:55

Instrument :

BNA_F

ClientSampleId :

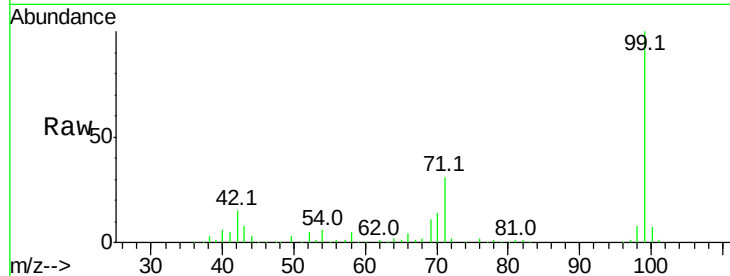
Tot Ion: 99 Resp: 694179

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

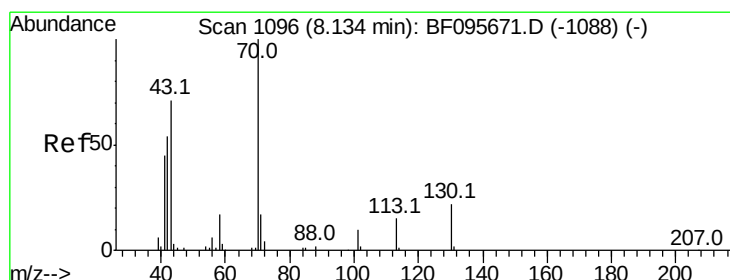
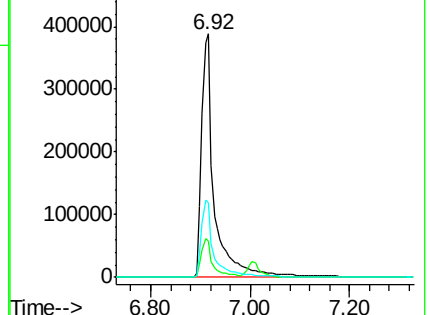
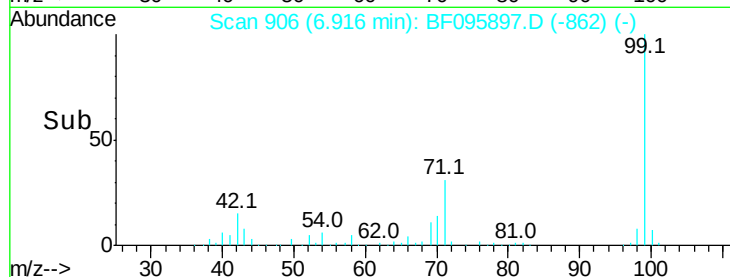
71 30.9 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.76 ng

RT: 8.27 min Scan# 1136

Delta R.T. 0.14 min

Lab File: BF095897.D

Acq: 13 Jun 2017 16:55

Tgt Ion: 70 Resp: 47655

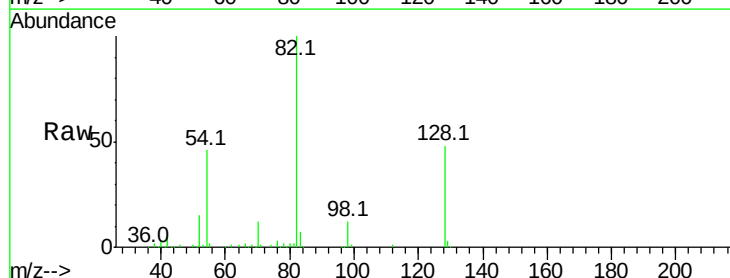
Ion Ratio Lower Upper

70 100

42 42.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

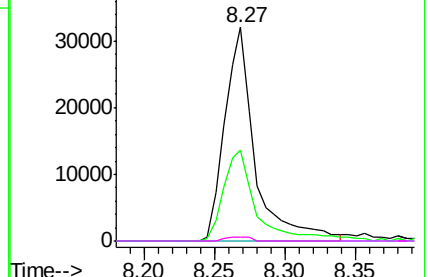
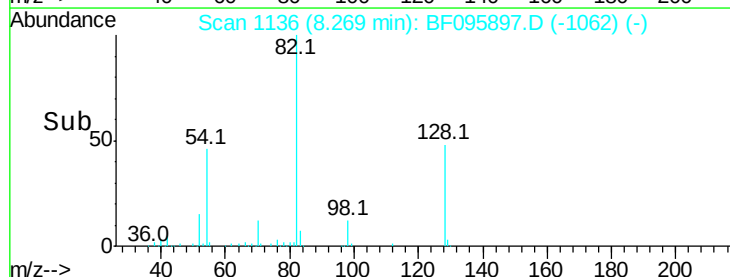


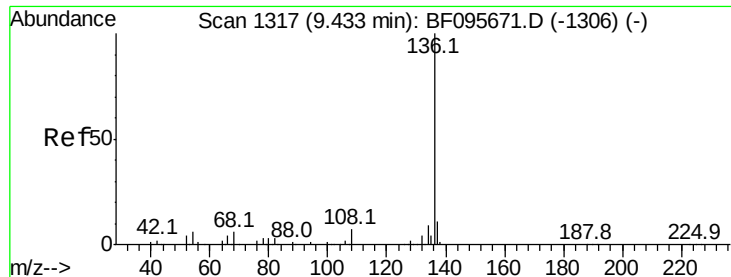
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

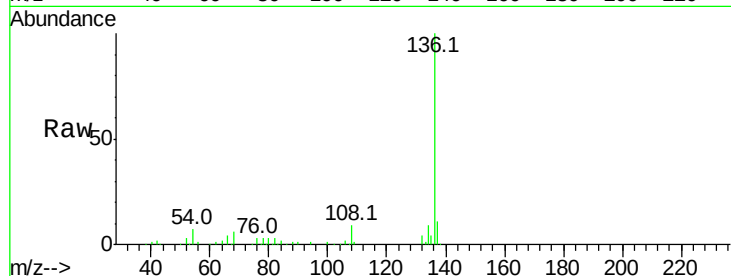




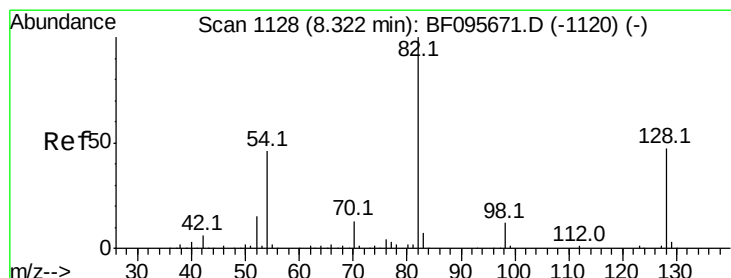
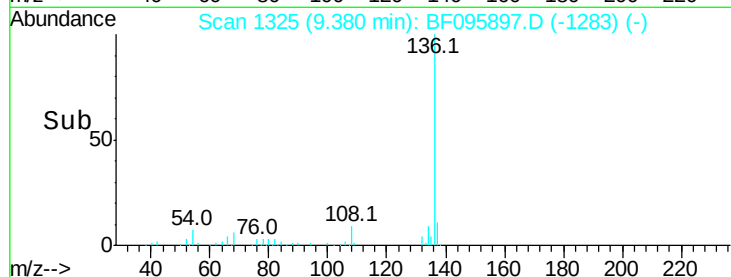
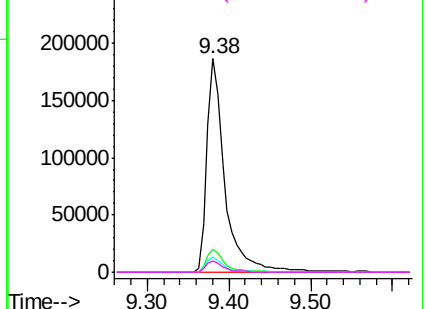
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.38 min Scan# 1325
Delta R.T. -0.05 min
Lab File: BF095897.D
Acq: 13 Jun 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	287001
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.5 12.7
54	6.9	4.9 7.3
68	5.6	4.1 6.1

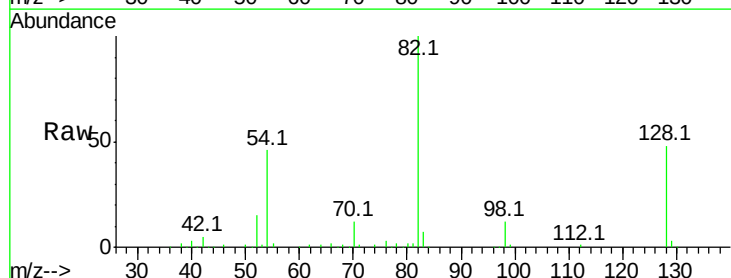


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

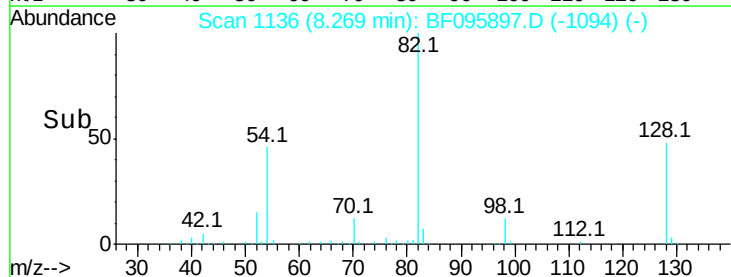
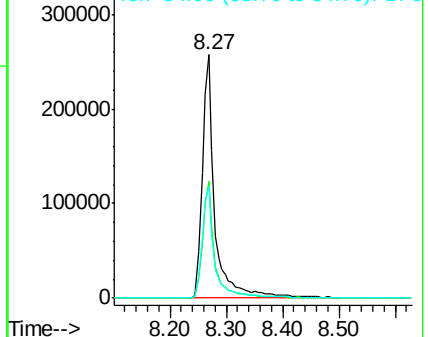


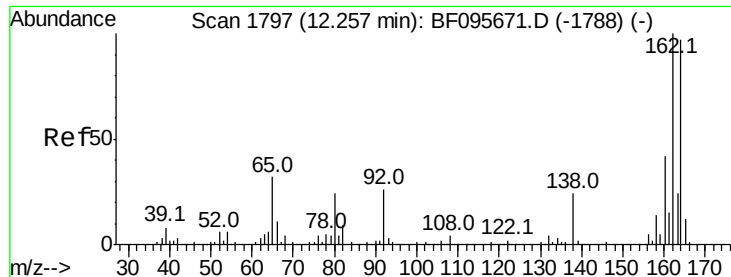
#23
Nitrobenzene-d5
Concen: 86.42 ng
RT: 8.27 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BF095897.D
Acq: 13 Jun 2017 16:55

Tgt Ion: 82	Resp:	399374
Ion	Ratio	Lower Upper
82	100	
128	48.0	34.0 51.0
54	46.2	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

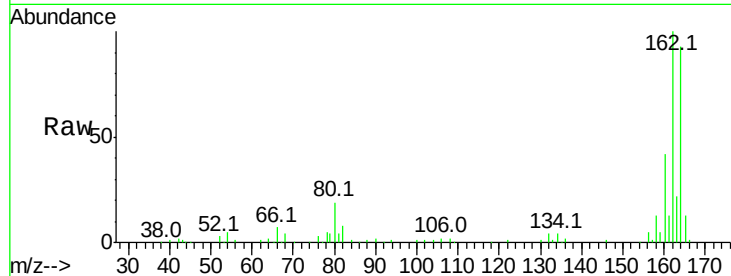




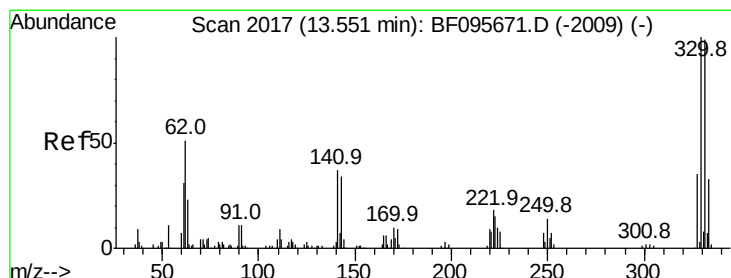
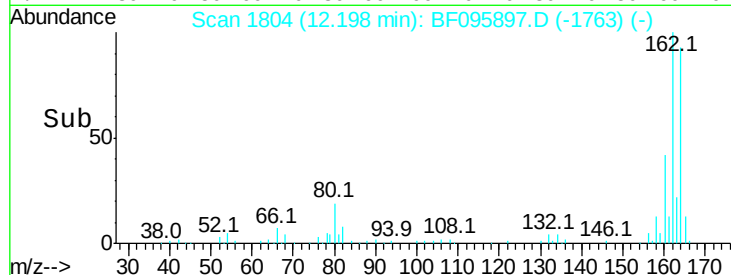
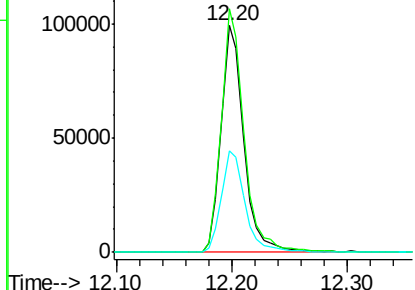
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1804
Delta R.T. -0.06 min
Lab File: BF095897.D
Acq: 13 Jun 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 135652
Ion Ratio Lower Upper
164 100
162 107.5 82.6 123.8
160 44.8 36.2 54.2

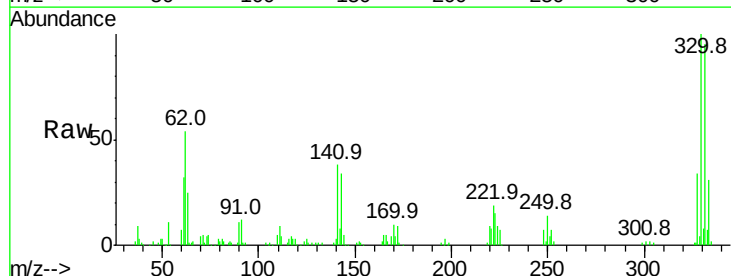


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

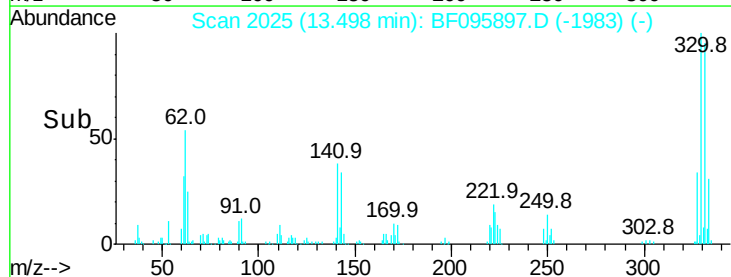
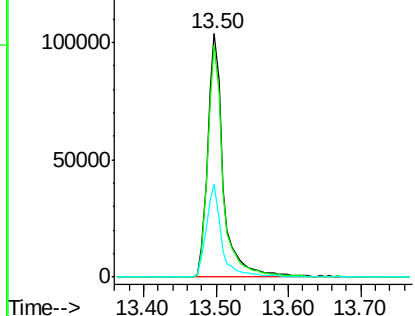


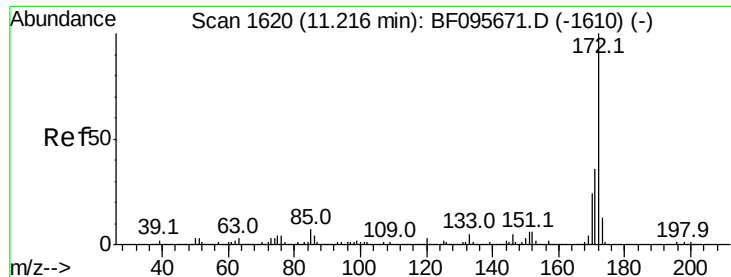
#41
2,4,6-Tribromophenol
Concen: 129.31 ng
RT: 13.50 min Scan# 2025
Delta R.T. -0.05 min
Lab File: BF095897.D
Acq: 13 Jun 2017 16:55

Tgt Ion:330 Resp: 155202
Ion Ratio Lower Upper
330 100
332 94.6 76.6 115.0
141 37.1 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

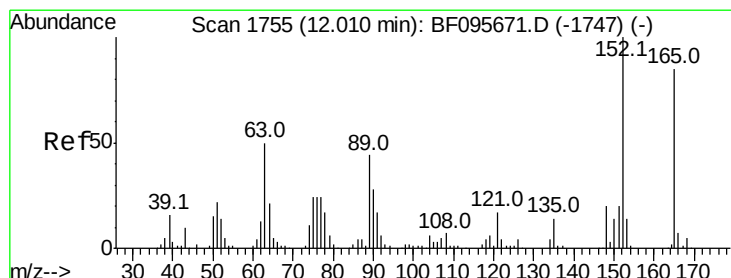
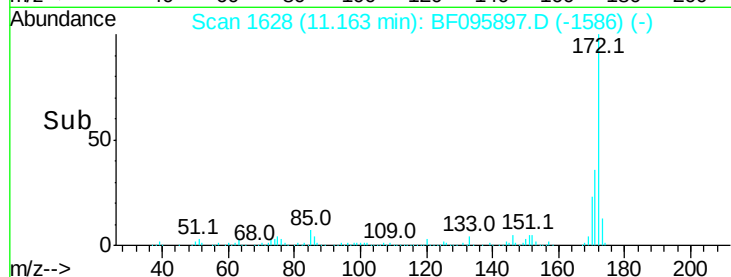
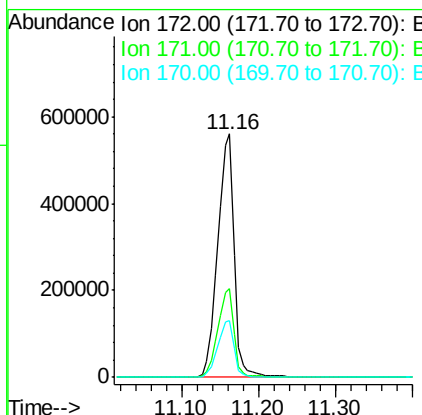
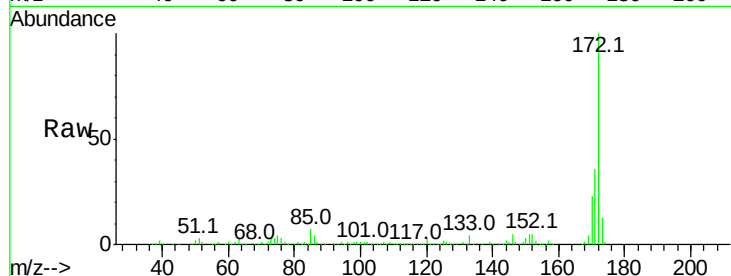




#44
2-Fluorobiphenyl
Concen: 84.58 ng
RT: 11.16 min Scan# 1628
Delta R.T. -0.05 min
Lab File: BF095897.D
Acq: 13 Jun 2017 16:55

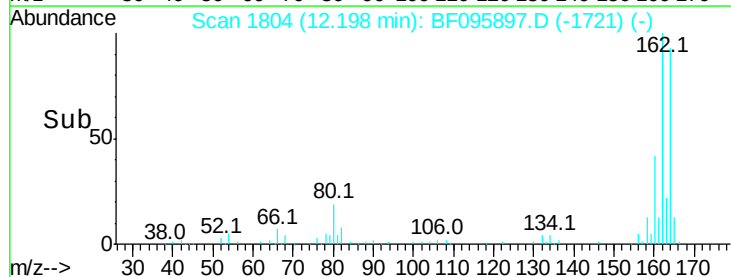
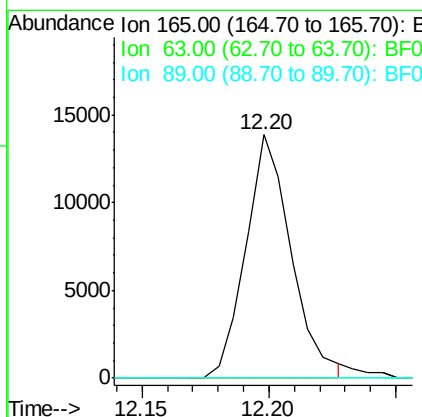
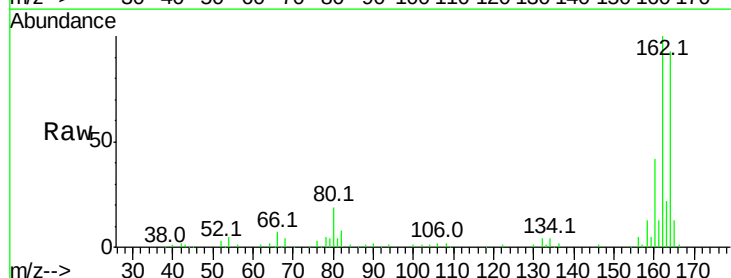
Instrument :
BNA_F
ClientSampleId :

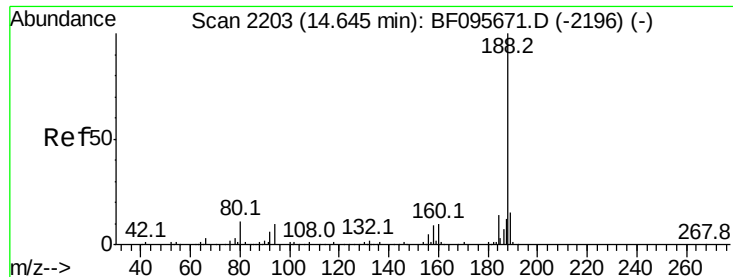
Tot Ion:172 Resp: 824463
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.4 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 12.20 min Scan# 1804
Delta R.T. 0.19 min
Lab File: BF095897.D
Acq: 13 Jun 2017 16:55

Tgt Ion:165 Resp: 17337
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.60 min Scan# 2212

Delta R.T. -0.05 min

Lab File: BF095897.D

Acq: 13 Jun 2017 16:55

Instrument :

BNA_F

ClientSampleId :

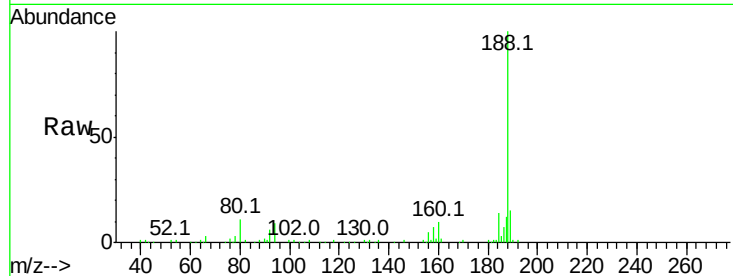
Tot Ion:188 Resp: 254113

Ion Ratio Lower Upper

188 100

94 9.4 9.4 14.2#

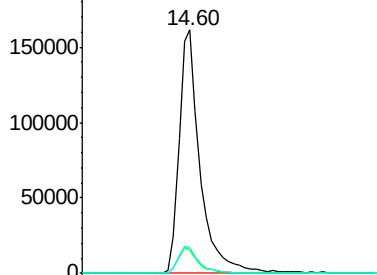
80 10.7 10.2 15.2



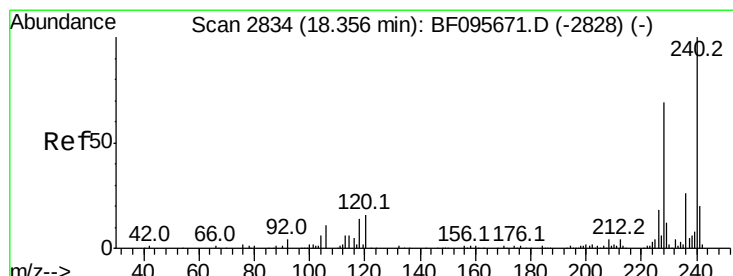
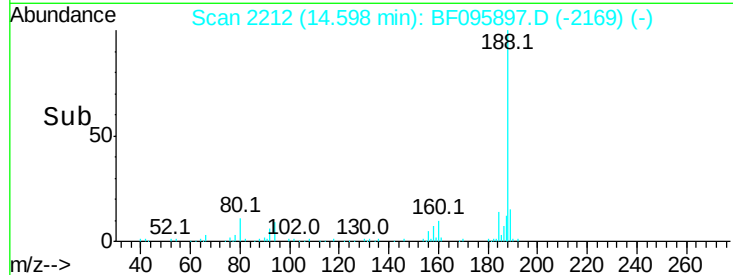
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 14.50 14.60 14.70



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.32 min Scan# 2844

Delta R.T. -0.04 min

Lab File: BF095897.D

Acq: 13 Jun 2017 16:55

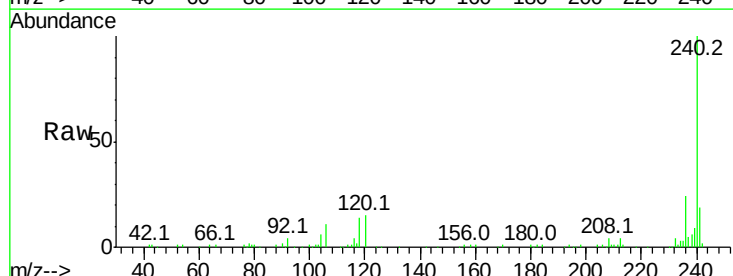
Tgt Ion:240 Resp: 179608

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

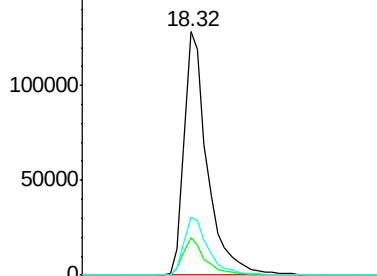
236 24.0 20.5 30.7



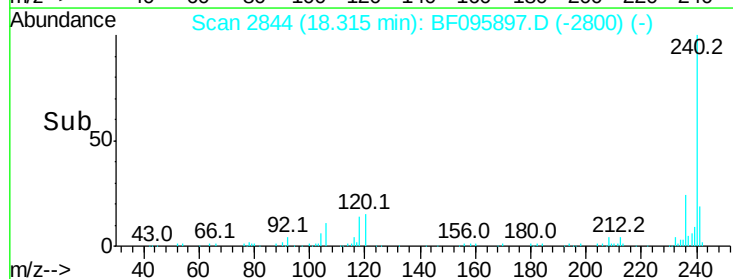
Abundance Ion 240.00 (239.70 to 240.70): E

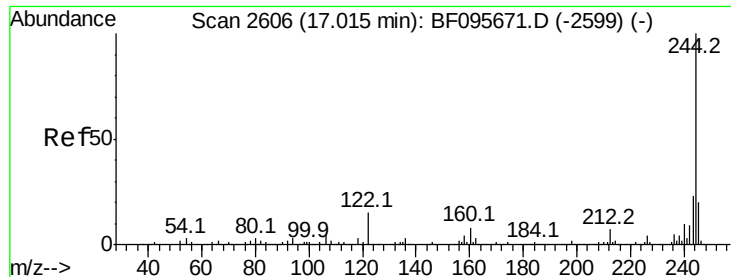
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 18.30 18.40

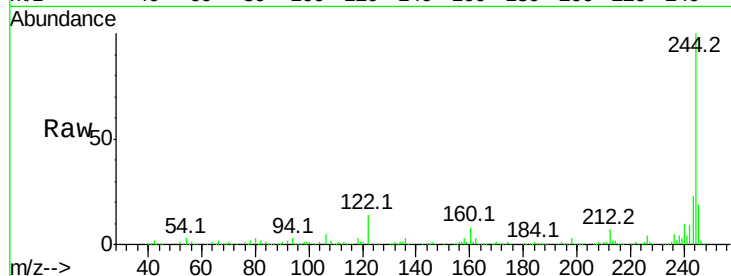




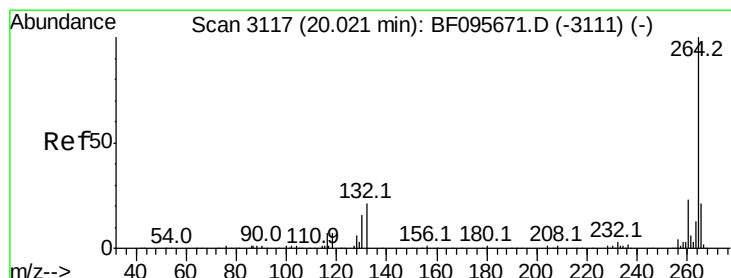
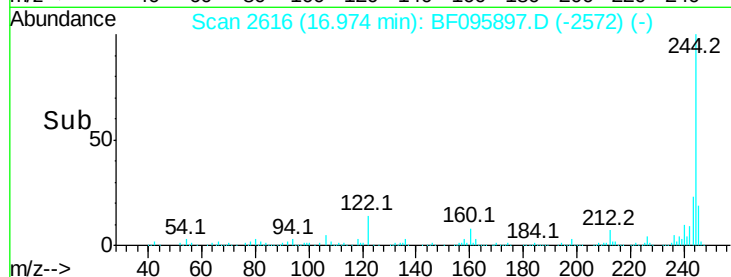
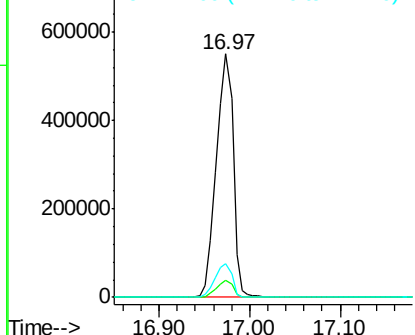
#78
 Terphenyl-d14
 Concen: 98.15 ng
 RT: 16.97 min Scan# 2616
 Delta R.T. -0.04 min
 Lab File: BF095897.D
 Acq: 13 Jun 2017 16:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 710356
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.8 10.3 15.5

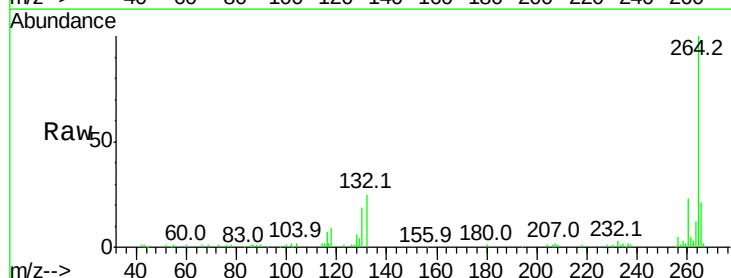


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.99 min Scan# 3128
 Delta R.T. -0.04 min
 Lab File: BF095897.D
 Acq: 13 Jun 2017 16:55

Tgt Ion:264 Resp: 122308
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.5 29.3
 265 20.6 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

