

Data File : BF095820.D
Acq On : 9 Jun 2017 14:23
Operator : SJ/MA
Sample : I3457-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-14)

Quant Time: Jun 10 01:22:14 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	65027	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	274406	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	120041	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	197576	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	136801	20.00	ng	-0.02
86) Perylene-d12	20.01	264	123948	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	585384	143.45	ng	-0.03
7) Phenol-d6	6.93	99	734751	150.39	ng	-0.02
23) Nitrobenzene-d5	8.29	82	411056	93.03	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	141653	133.37	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	751308	87.10	ng	-0.04
78) Terphenyl-d14	16.99	244	501417	90.96	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.29	70	52413	16.93	ng	Qvalue # 74
49) Dimethylphthalate	11.87	163	117367	12.88	ng	98

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

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B-5(10-14)

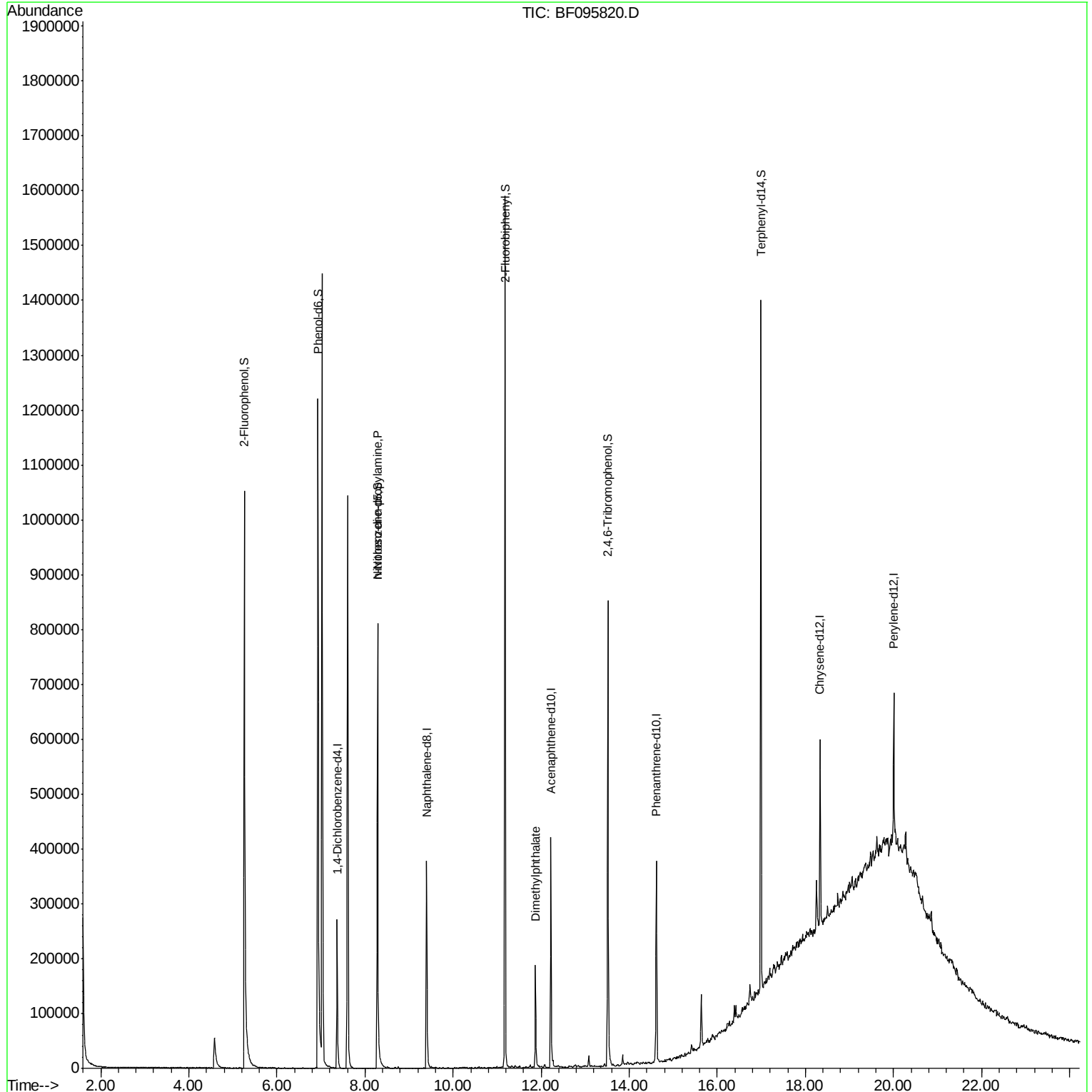
Quant Time: Jun 10 01:22:14 2017

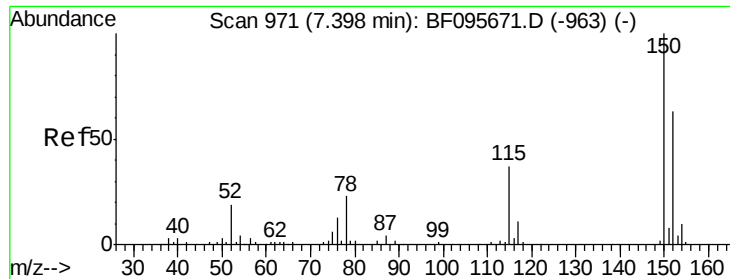
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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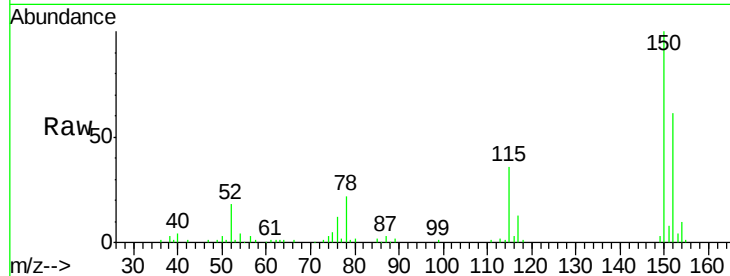


#1

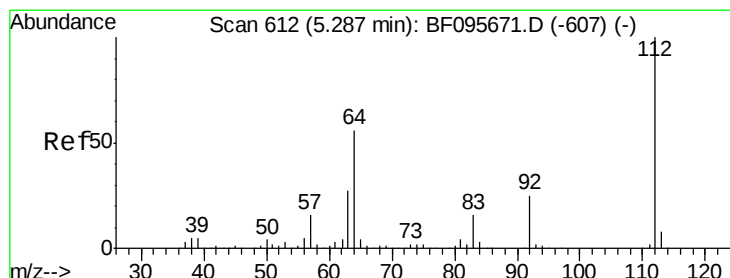
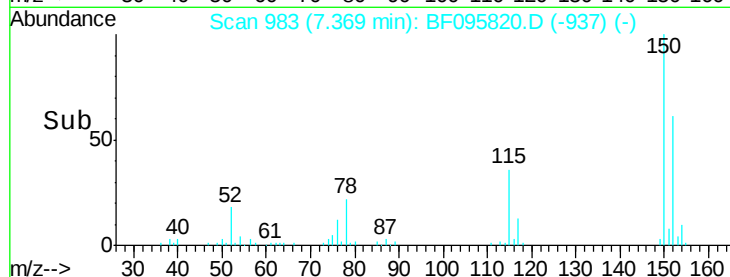
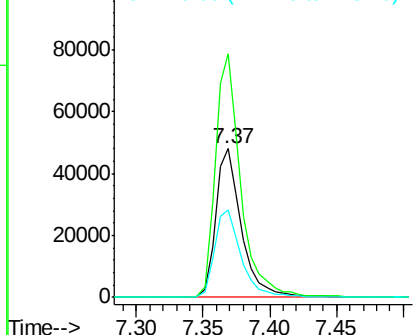
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.37 min Scan# 983
 Delta R.T. -0.03 min
 Lab File: BF095820.D
 Acq: 9 Jun 2017 14:23

Instrument :
 BNA_F
 ClientSampleId :
 B-5(10-14)

Tgt Ion:152 Resp: 65027
 Ion Ratio Lower Upper
 152 100
 150 164.2 126.2 189.2
 115 58.7 52.2 78.2



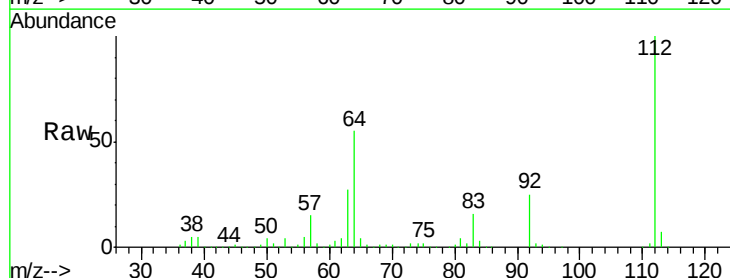
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



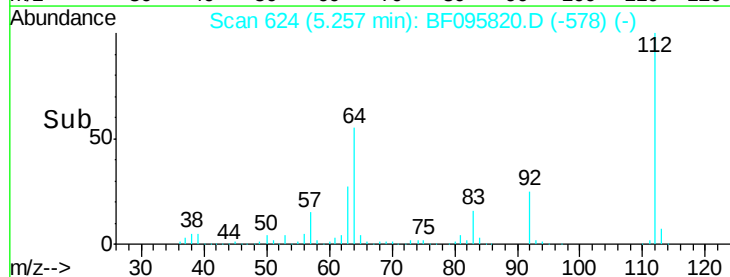
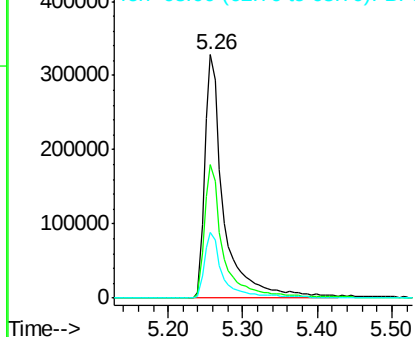
#5

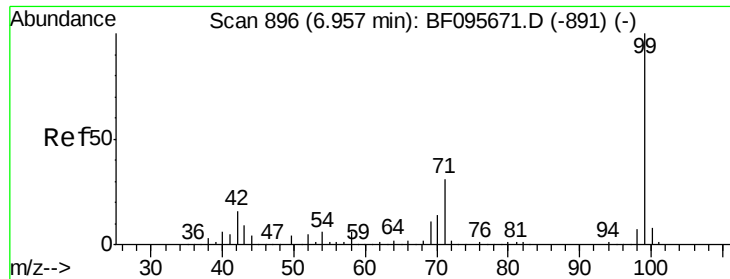
2-Fluorophenol
 Concen: 143.45 ng
 RT: 5.26 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF095820.D
 Acq: 9 Jun 2017 14:23

Tgt Ion:112 Resp: 585384
 Ion Ratio Lower Upper
 112 100
 64 54.7 46.0 69.0
 63 26.8 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: 150.39 ng

RT: 6.93 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF095820.D

Acq: 9 Jun 2017 14:23

Instrument :

BNA_F

ClientSampleId :

B-5(10-14)

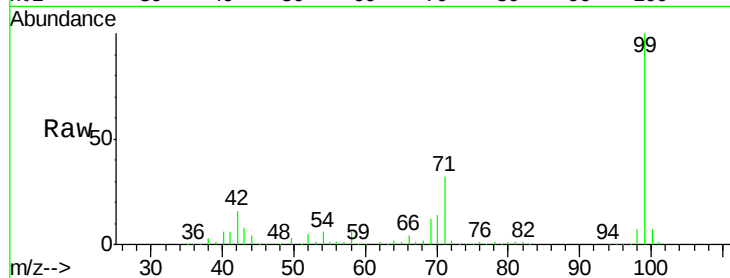
Tgt Ion: 99 Resp: 734751

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

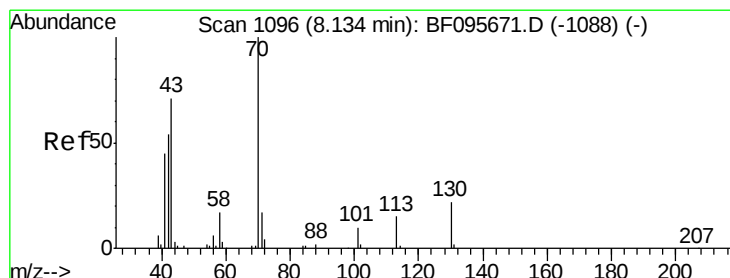
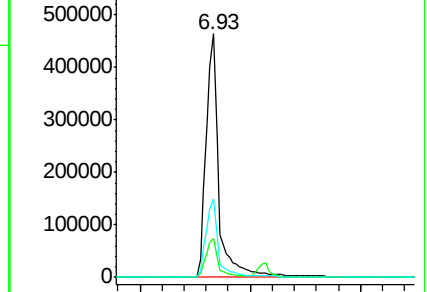
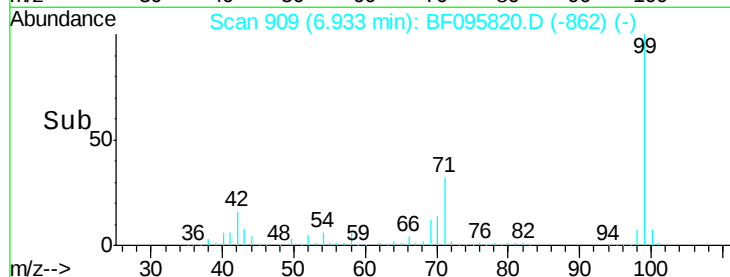
71 32.0 24.5 36.7



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: 16.93 ng

RT: 8.29 min Scan# 1139

Delta R.T. 0.15 min

Lab File: BF095820.D

Acq: 9 Jun 2017 14:23

Tgt Ion: 70 Resp: 52413

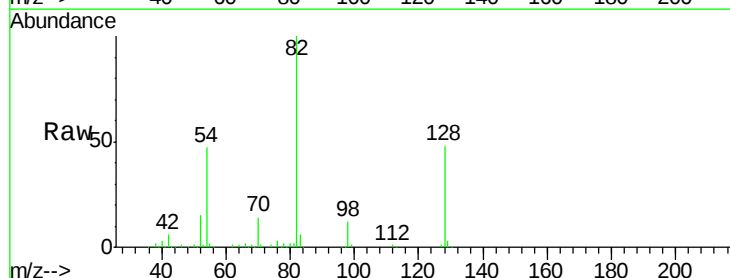
Ion Ratio Lower Upper

70 100

42 42.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

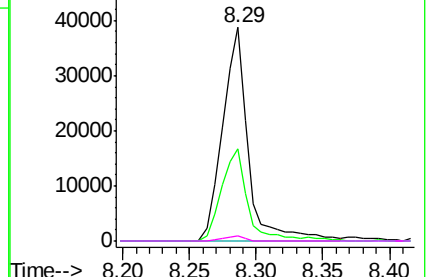
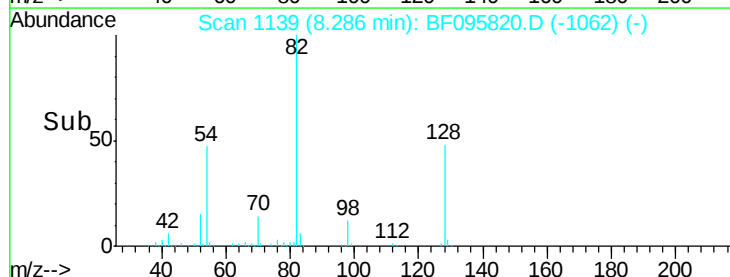


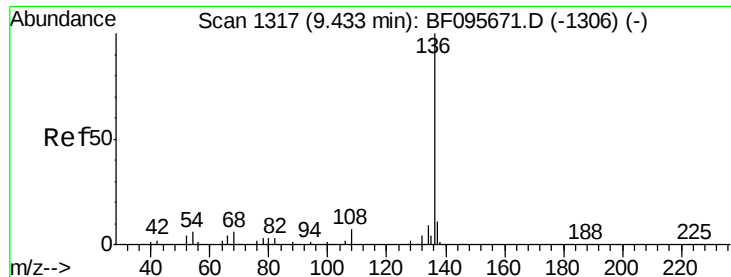
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

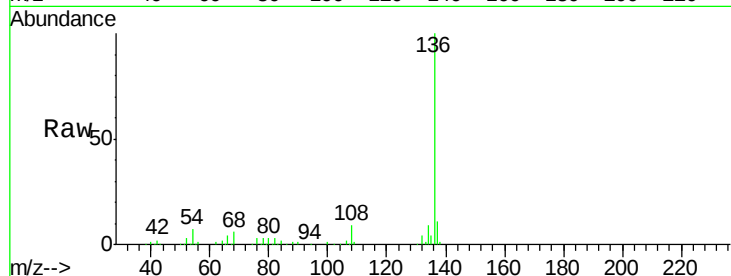




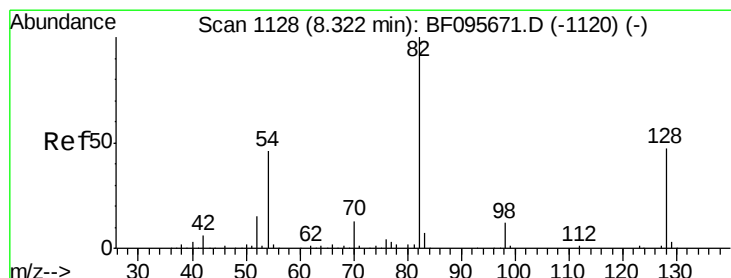
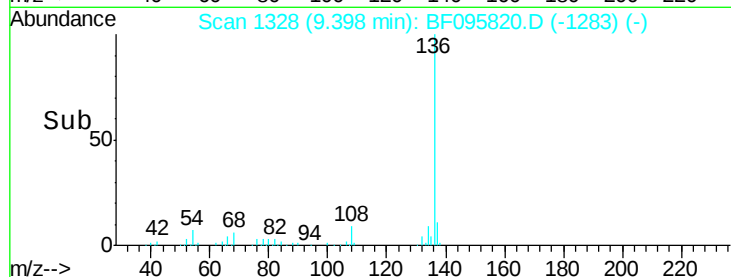
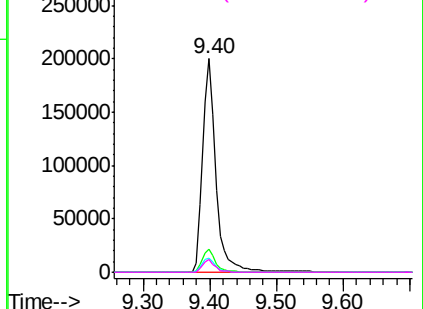
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095820.D
Acq: 9 Jun 2017 14:23

Instrument :
BNA_F
ClientSampleId :
B-5(10-14)

Tgt Ion:	136	Resp:	274406
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.7	4.9	7.3
68	5.8	4.1	6.1

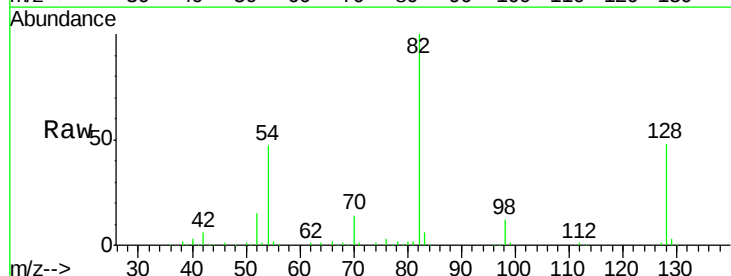


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

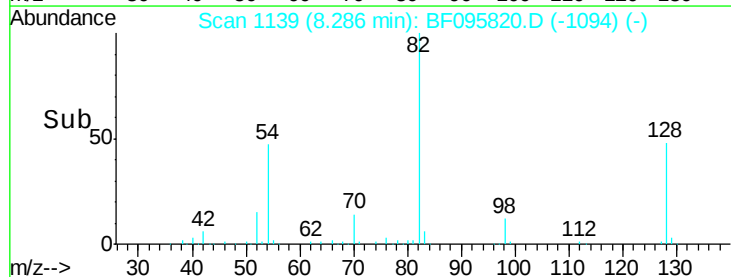
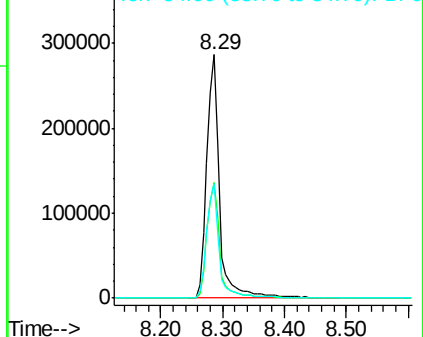


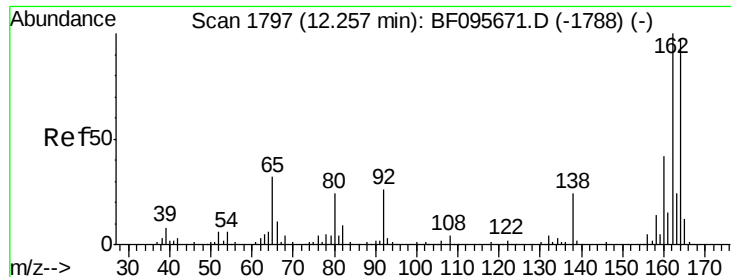
#23
Nitrobenzene-d5
Concen: 93.03 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF095820.D
Acq: 9 Jun 2017 14:23

Tgt Ion:	82	Resp:	411056
Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	46.9	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: BF095820.D

Acq: 9 Jun 2017 14:23

Instrument :

BNA_F

ClientSampleId :

B-5(10-14)

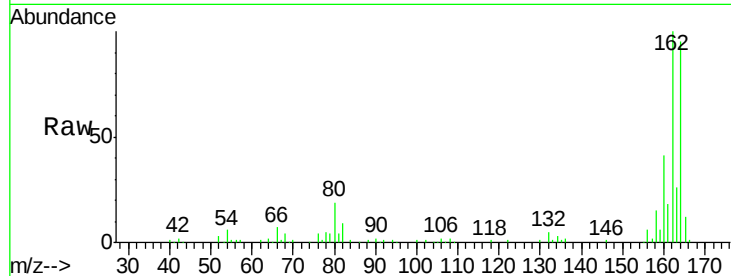
Tgt Ion:164 Resp: 120041

Ion Ratio Lower Upper

164 100

162 105.1 82.6 123.8

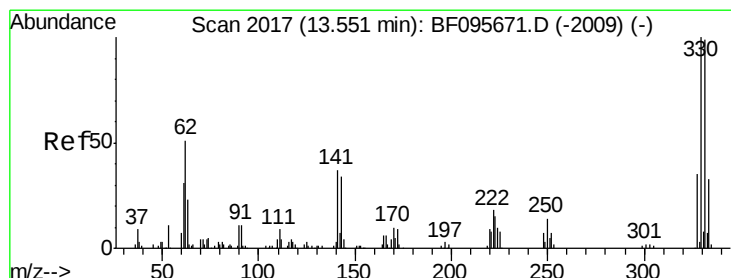
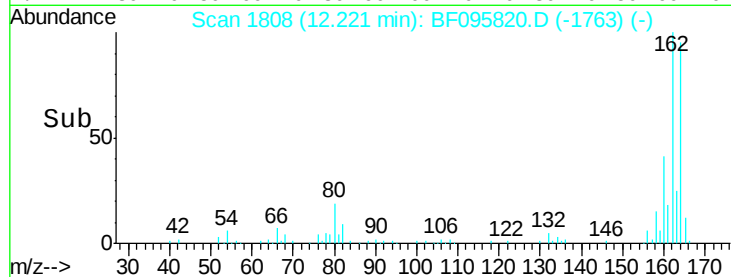
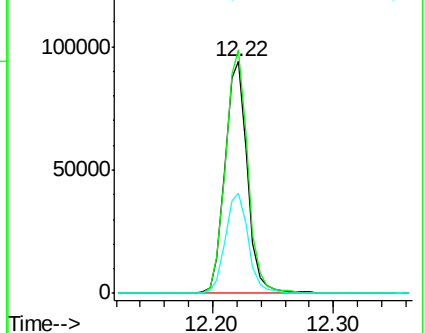
160 43.5 36.2 54.2



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: 133.37 ng

RT: 13.52 min Scan# 2028

Delta R.T. -0.04 min

Lab File: BF095820.D

Acq: 9 Jun 2017 14:23

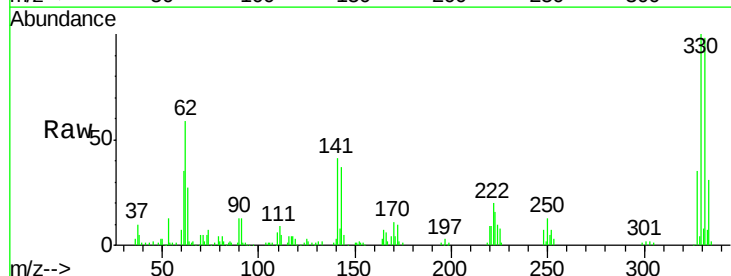
Tgt Ion:330 Resp: 141653

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

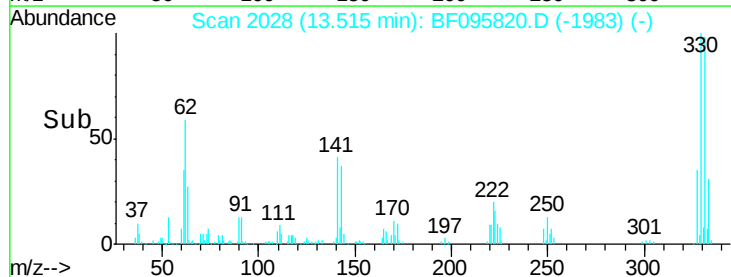
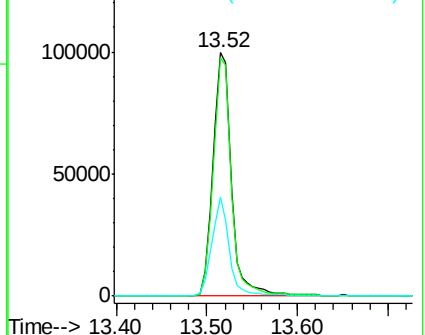
141 38.4 31.4 47.2

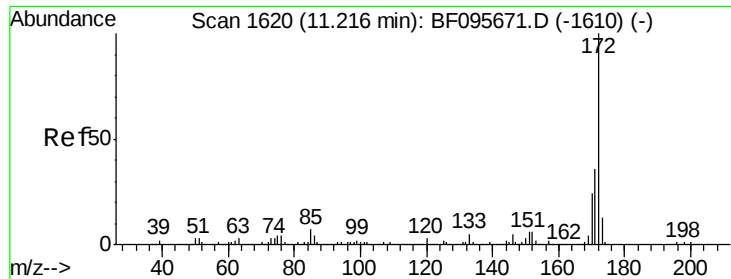


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

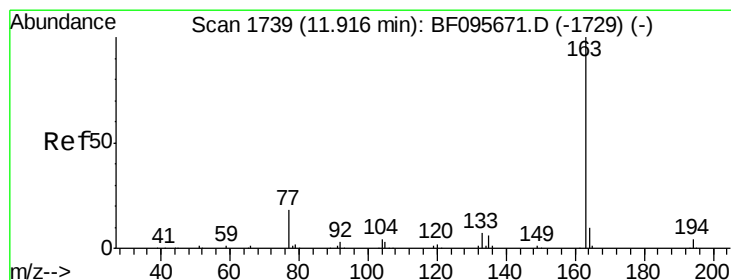
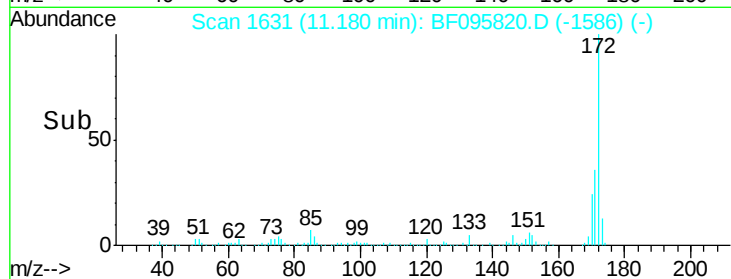
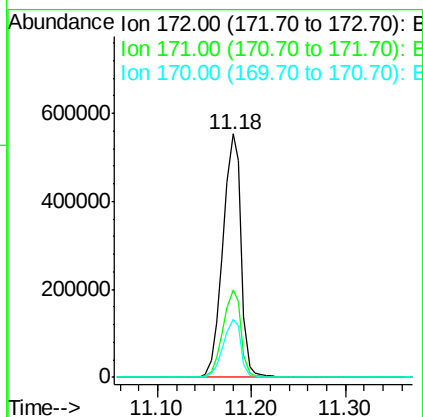
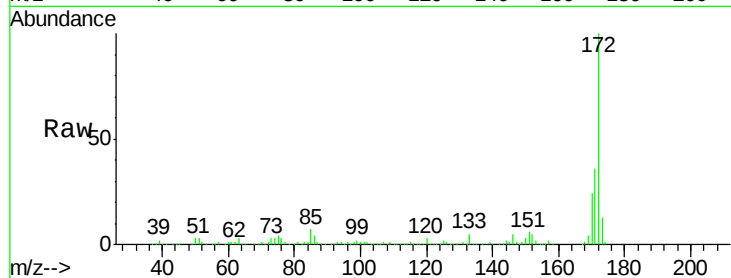




#44
2-Fluorobiphenyl
Concen: 87.10 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095820.D
Acq: 9 Jun 2017 14:23

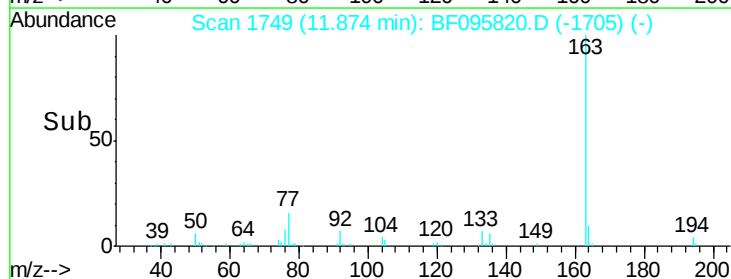
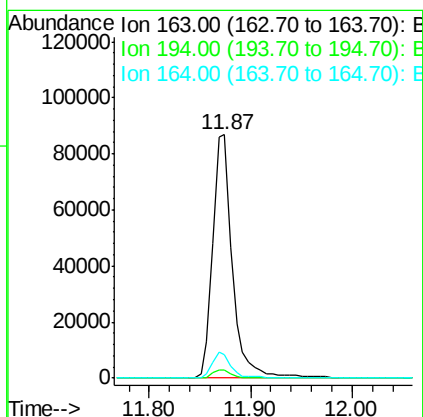
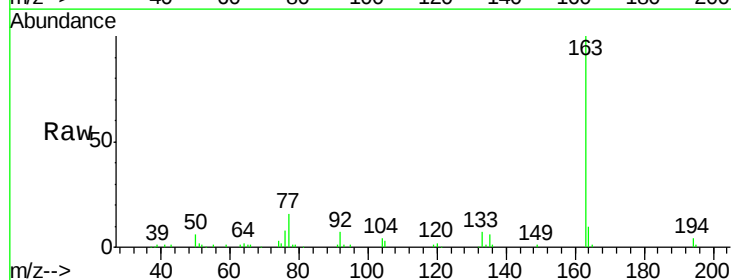
Instrument :
BNA_F
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B-5(10-14)

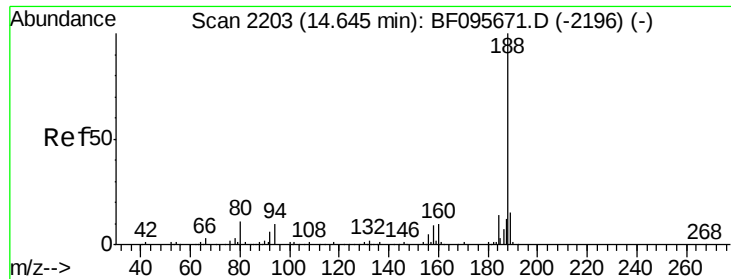
Tgt Ion:172 Resp: 751308
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 12.88 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095820.D
Acq: 9 Jun 2017 14:23

Tgt Ion:163 Resp: 117367
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.7 8.4 12.6

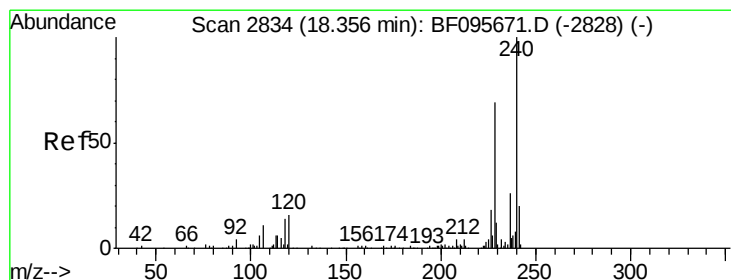
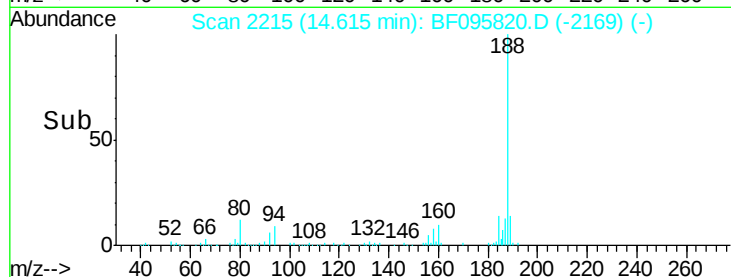
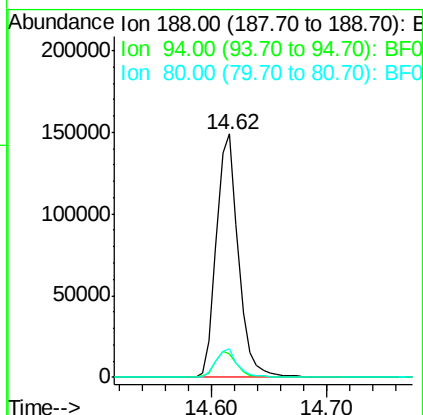
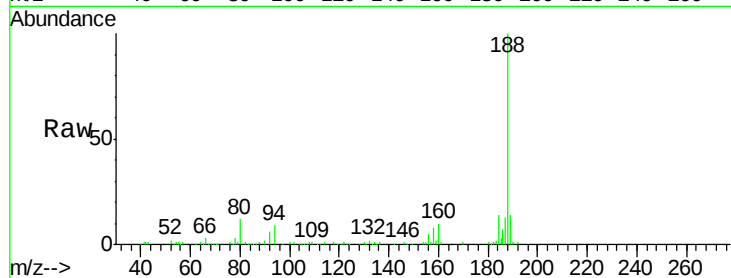




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095820.D
Acq: 9 Jun 2017 14:23

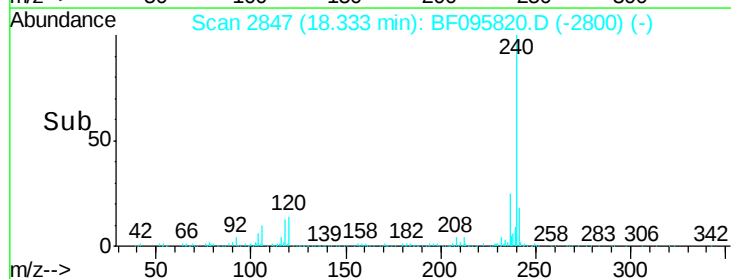
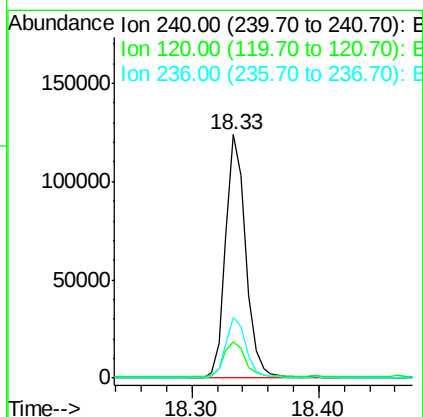
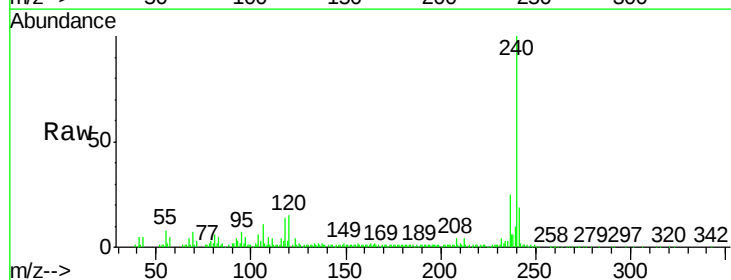
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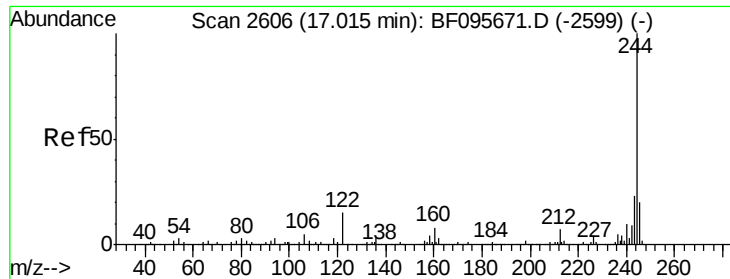
Tgt Ion:188 Resp: 197576
Ion Ratio Lower Upper
188 100
94 9.4 9.4 14.2#
80 11.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF095820.D
Acq: 9 Jun 2017 14:23

Tgt Ion:240 Resp: 136801
Ion Ratio Lower Upper
240 100
120 15.1 5.8 8.8#
236 25.1 20.5 30.7





#78

Terphenyl-d14

Concen: 90.96 ng

RT: 16.99 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF095820.D

Acq: 9 Jun 2017 14:23

Instrument :

BNA_F

ClientSampleId :

B-5(10-14)

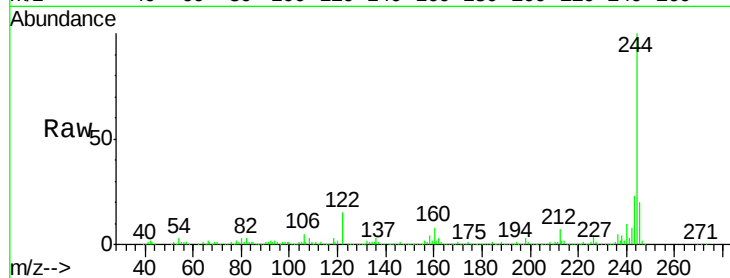
Tgt Ion:244 Resp: 501417

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

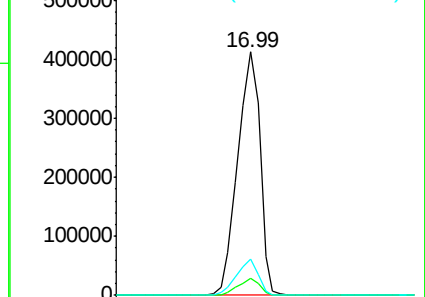
122 15.0 10.3 15.5



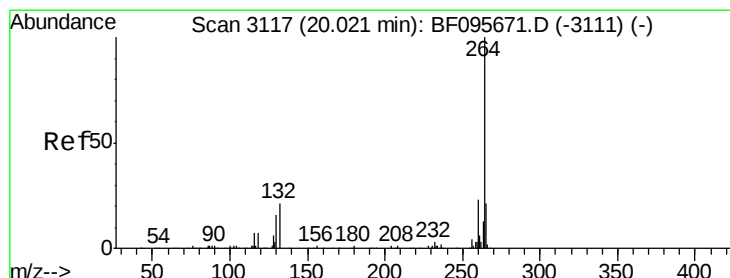
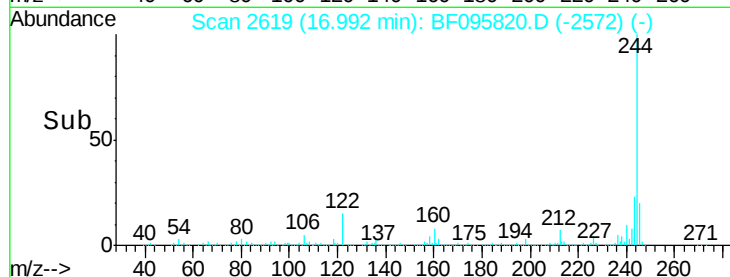
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 16.90 17.00 17.10



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.01 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BF095820.D

Acq: 9 Jun 2017 14:23

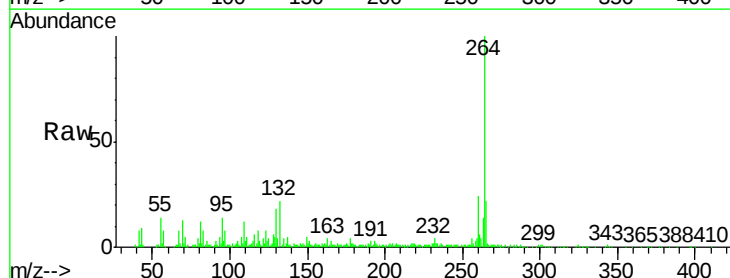
Tgt Ion:264 Resp: 123948

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

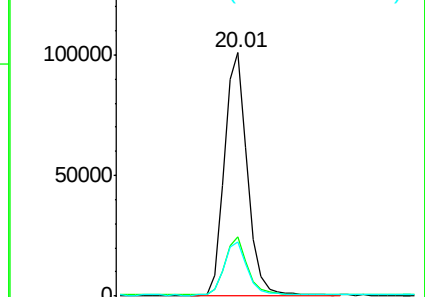
265 22.1 17.2 25.8



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



Time--> 20.00 20.10

