

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099556.D
 Acq On : 16 Oct 2017 20:54
 Operator : SJ/JU
 Sample : I5782-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2(10-12)

Quant Time: Oct 17 02:00:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

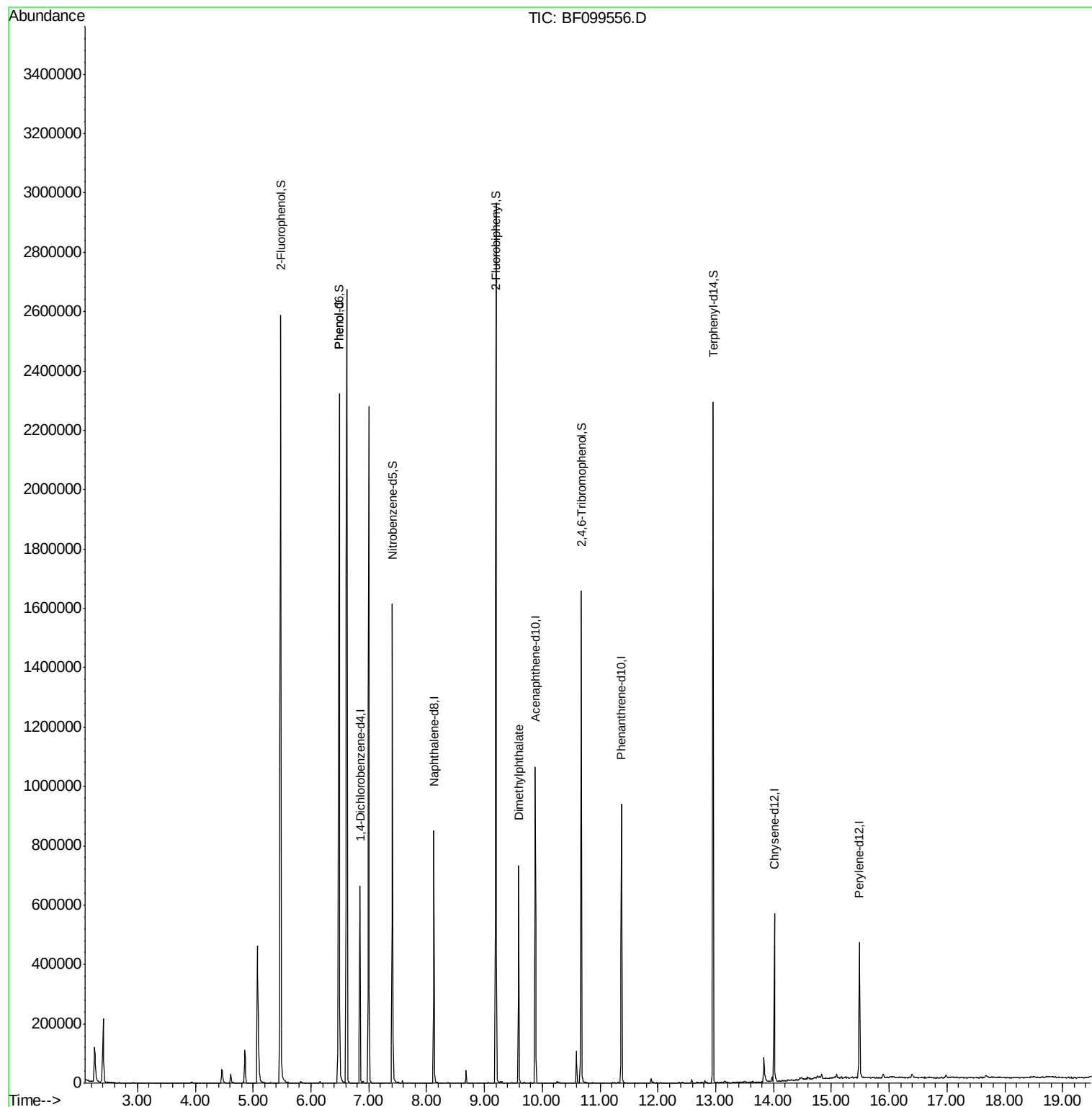
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	103512	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	433206	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	191690	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	314218	20.00	ng	0.00
75) Chrysene-d12	14.02	240	190956	20.00	ng	0.00
86) Perylene-d12	15.49	264	197044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	843134	129.66	ng	0.00
7) Phenol-d6	6.49	99	1019497	127.10	ng	0.00
23) Nitrobenzene-d5	7.41	82	621872	92.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	200381	127.75	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1085915	94.57	ng	0.00
78) Terphenyl-d14	12.96	244	776145	92.44	ng	0.00
Target Compounds						
10) Phenol	6.49	94	76577	8.536	ng	91
49) Dimethylphthalate	9.59	163	299917	20.730	ng	100

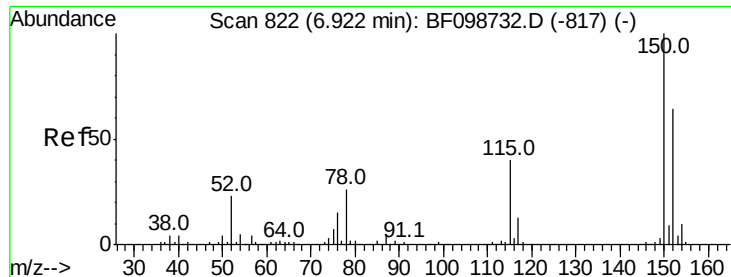
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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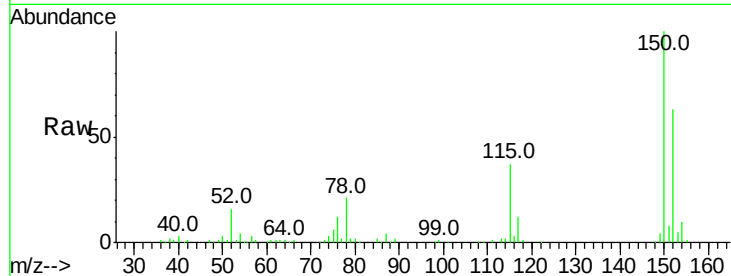


#1

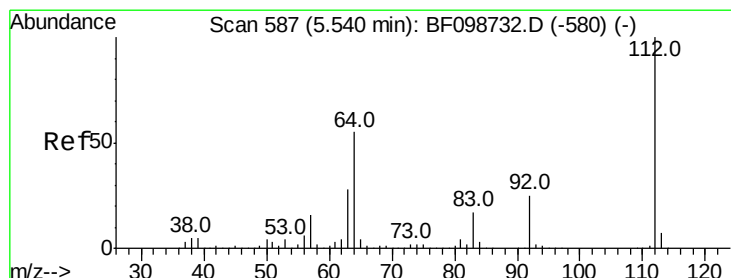
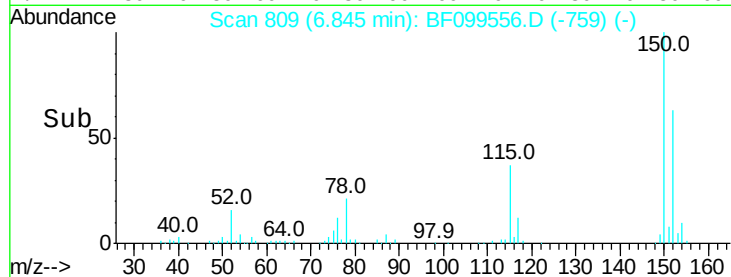
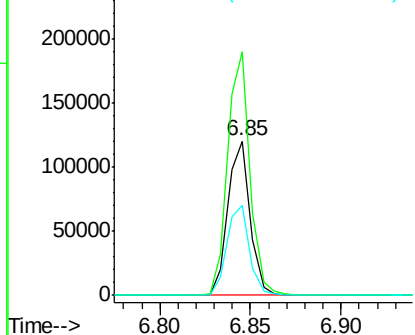
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099556.D
Acq: 16 Oct 2017 20:54

Instrument :
BNA_F
ClientSampleId :
S2(10-12)

Tot Ion:152 Resp: 103512
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 58.6 50.1 75.1



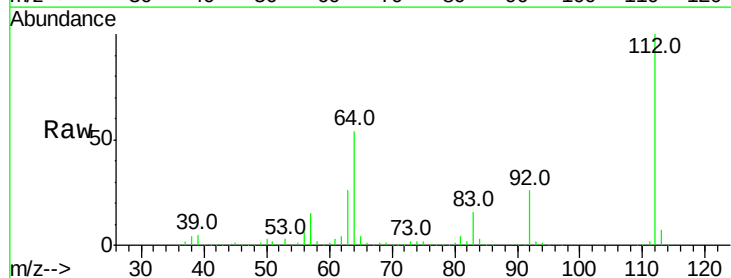
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



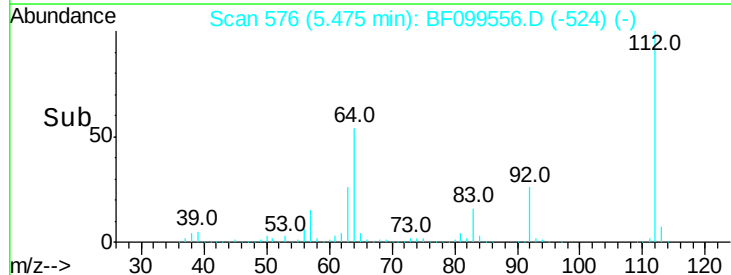
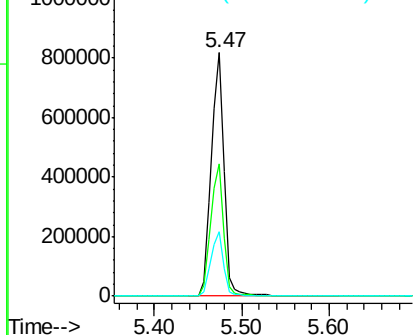
#5

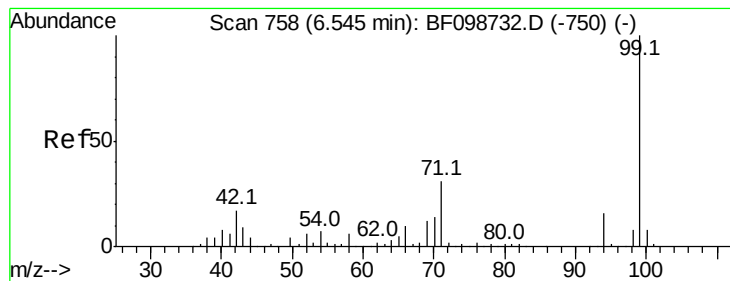
2-Fluorophenol
Concen: 129.665 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099556.D
Acq: 16 Oct 2017 20:54

Tgt Ion:112 Resp: 843134
Ion Ratio Lower Upper
112 100
64 54.2 47.9 71.9
63 26.3 23.7 35.5



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: 127.096 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099556.D

Acq: 16 Oct 2017 20:54

Instrument :

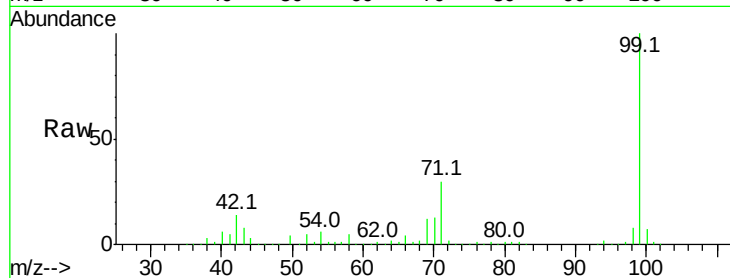
BNA_F

ClientSampleId :

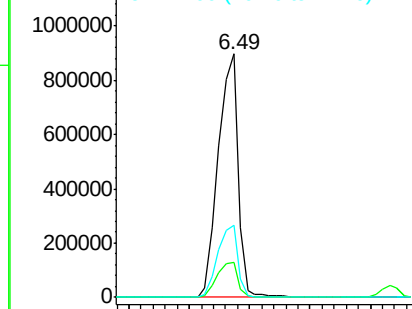
S2(10-12)

Tot Ion: 99 Resp: 1019497

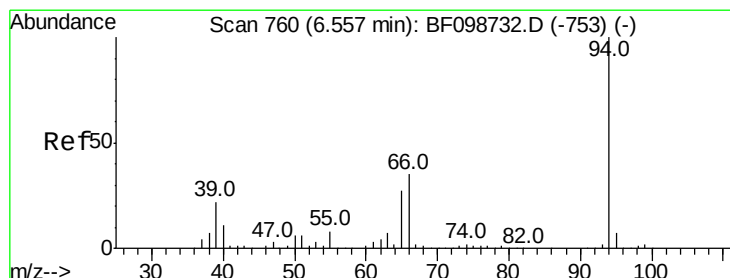
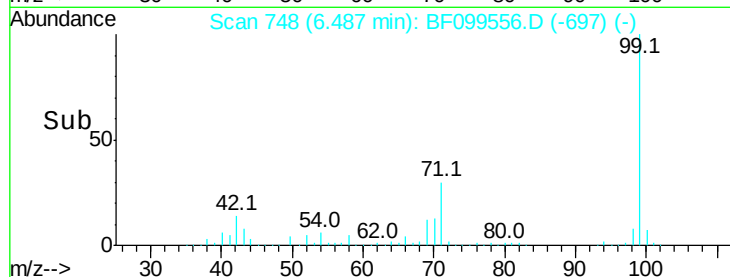
Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.5	21.7#
71	29.8	25.4	38.0



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



Time--> 6.40 6.45 6.50 6.55 6.60



#10

Phenol

Concen: 8.536 ng

RT: 6.49 min Scan# 749

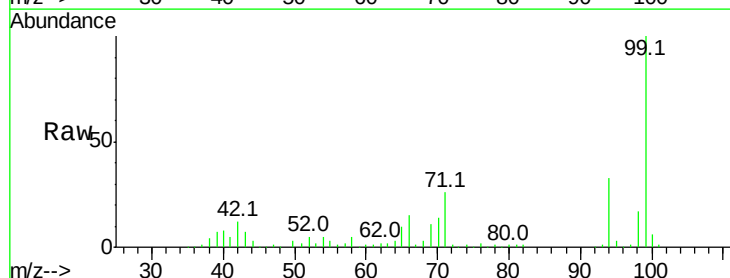
Delta R.T. -0.01 min

Lab File: BF099556.D

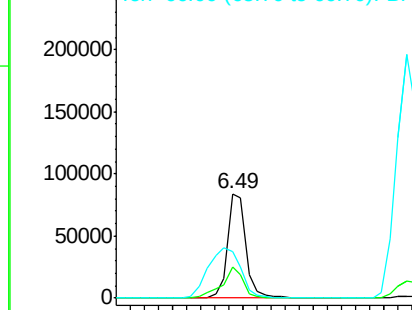
Acq: 16 Oct 2017 20:54

Tgt Ion: 94 Resp: 76577

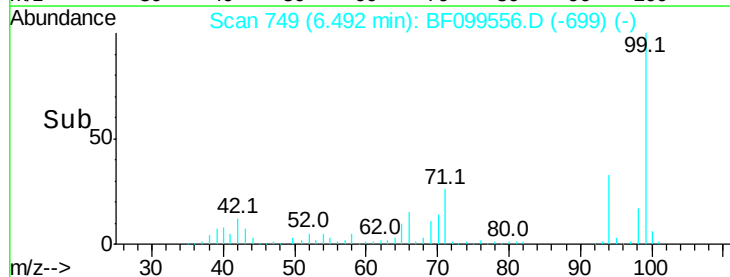
Ion	Ratio	Lower	Upper
94	100		
65	29.5	7.9	47.9
66	44.4	16.2	56.2

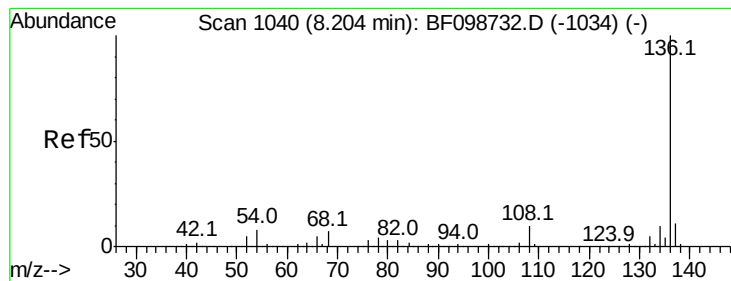


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



Time--> 6.45 6.50 6.55 6.60





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF099556.D

Acq: 16 Oct 2017 20:54

Instrument :

BNA_F

ClientSampleId :

S2(10-12)

Tot Ion:136 Resp: 433206

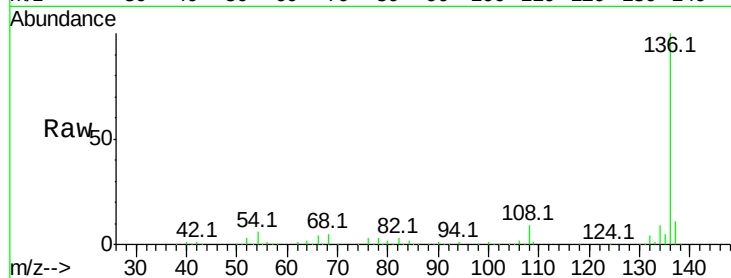
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.2 6.6 9.8#

68 5.3 5.0 7.4

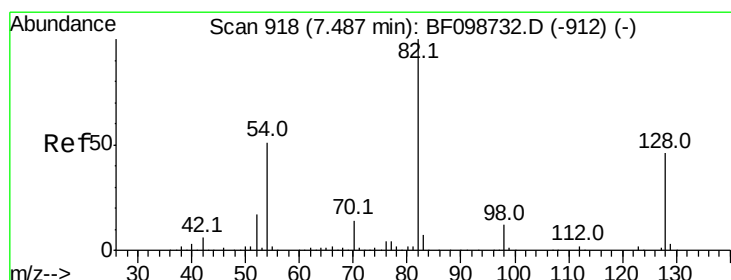
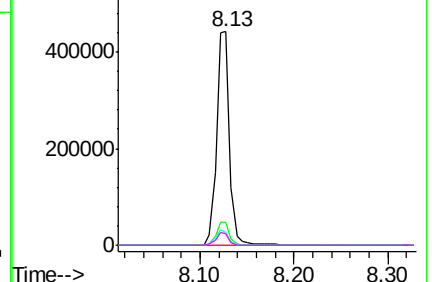
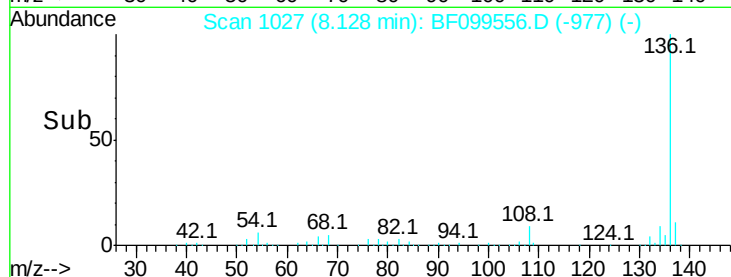


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.060 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF099556.D

Acq: 16 Oct 2017 20:54

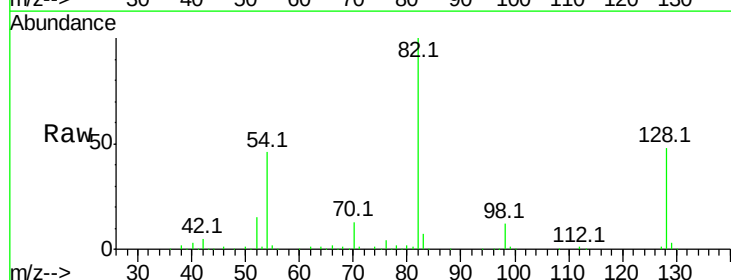
Tgt Ion: 82 Resp: 621872

Ion Ratio Lower Upper

82 100

128 48.2 36.1 54.1

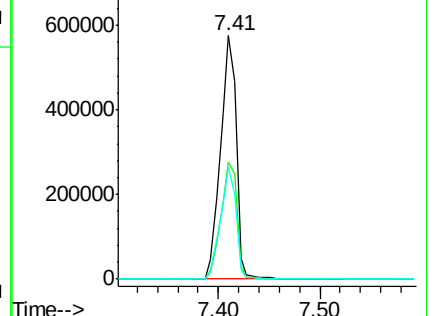
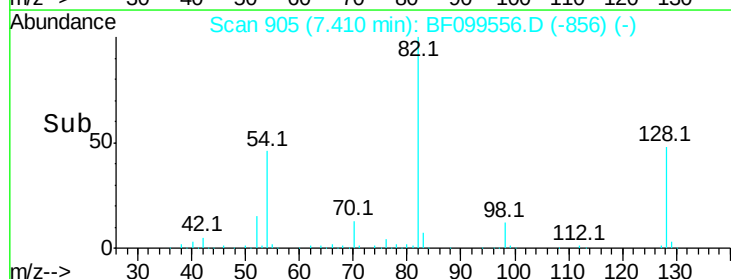
54 45.9 41.4 62.2

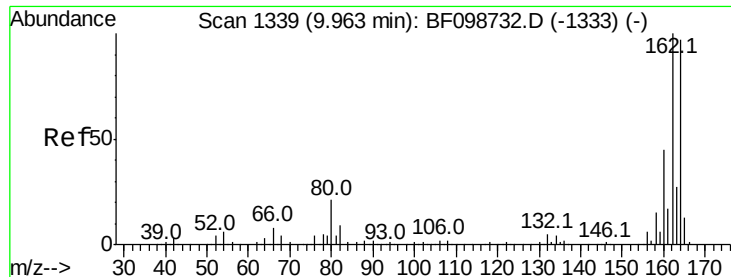


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

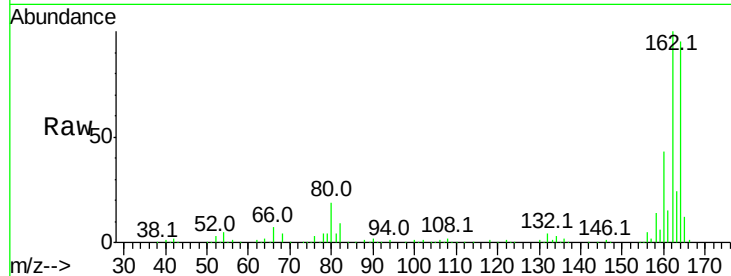




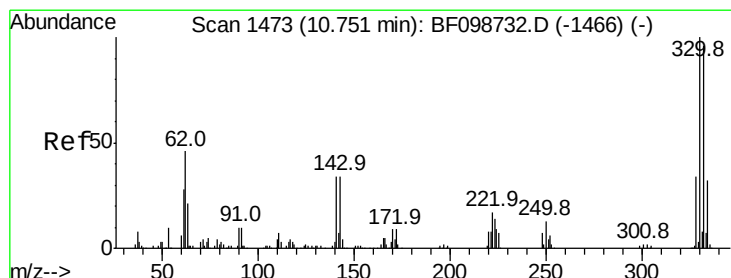
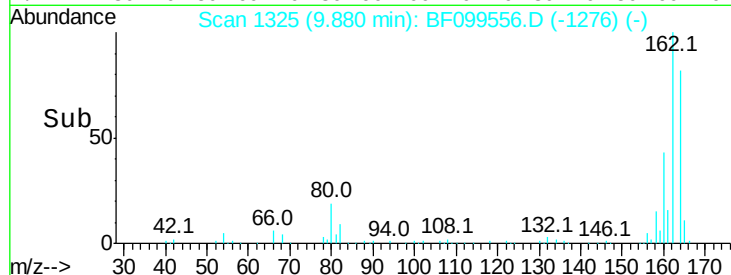
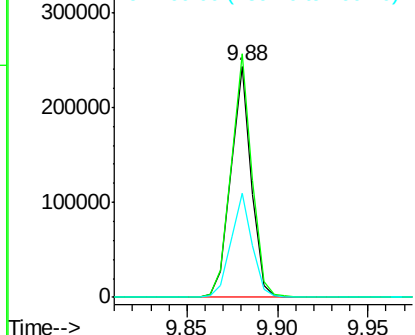
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099556.D
Acq: 16 Oct 2017 20:54

Instrument :
BNA_F
ClientSampleId :
S2(10-12)

Tot Ion:164 Resp: 191690
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 45.1 38.3 57.5

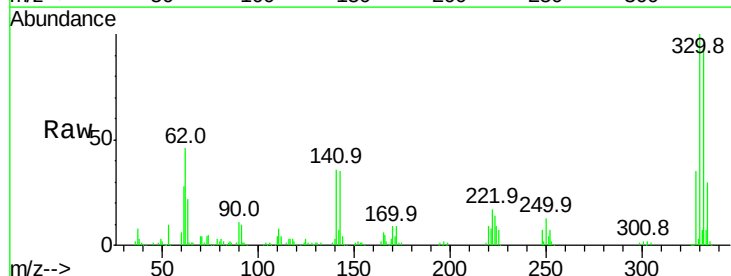


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

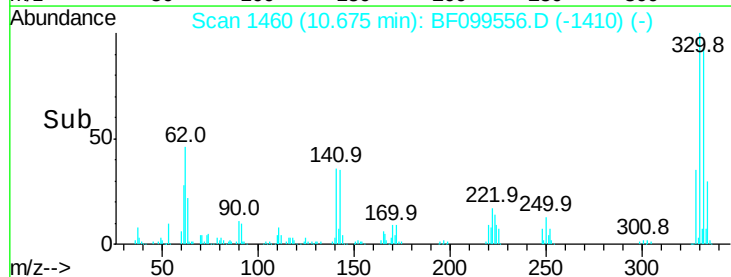
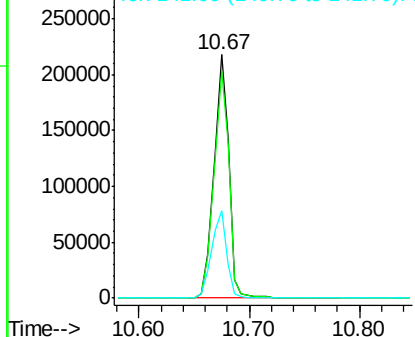


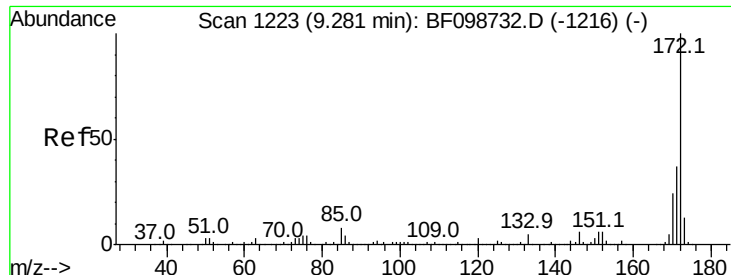
#41
2,4,6-Tribromophenol
Concen: 127.750 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099556.D
Acq: 16 Oct 2017 20:54

Tgt Ion:330 Resp: 200381
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 36.4 29.9 44.9



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



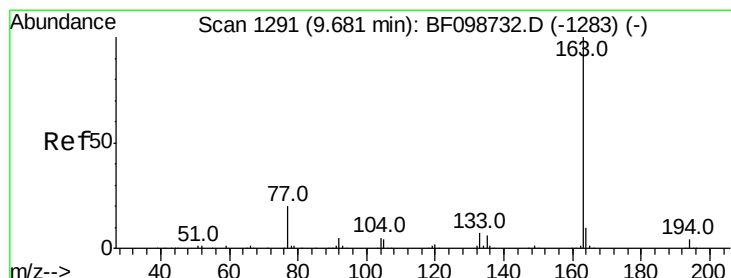
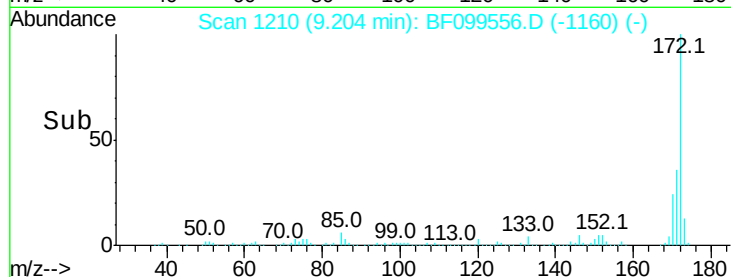
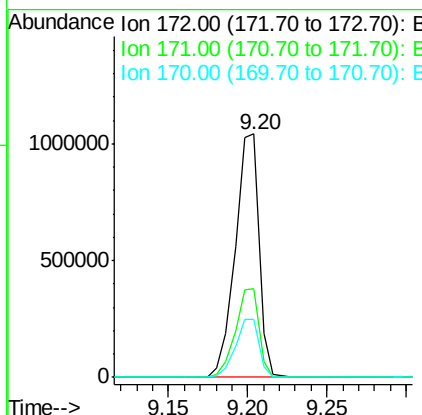
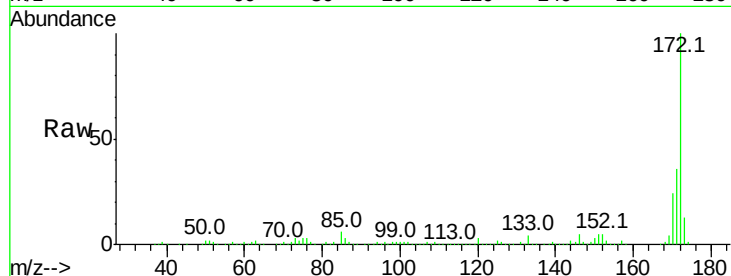


#44
 2-Fluorobiphenyl
 Concen: 94.572 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099556.D
 Acq: 16 Oct 2017 20:54

Instrument :
 BNA_F
 ClientSampled :
 S2(10-12)

Tot Ion:172 Resp: 1085915

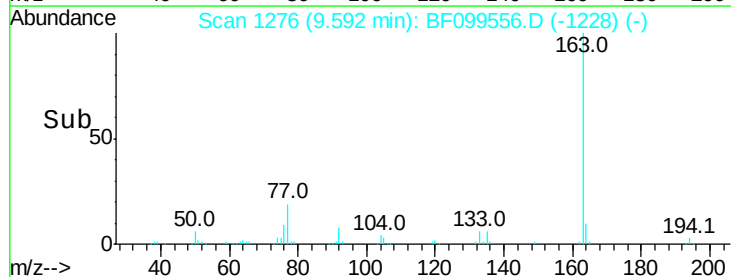
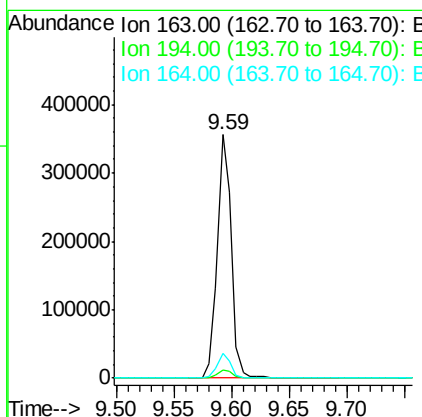
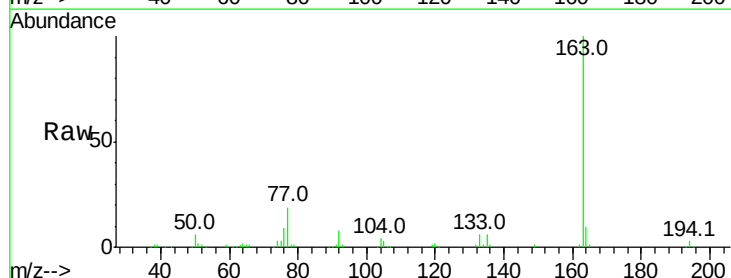
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.9	19.6	29.4

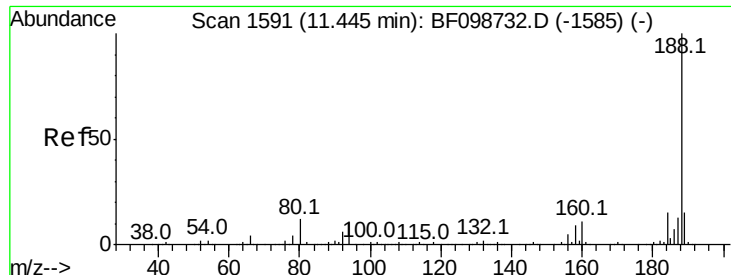


#49
 Dimethylphthalate
 Concen: 20.730 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF099556.D
 Acq: 16 Oct 2017 20:54

Tgt Ion:163 Resp: 299917

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.1	8.2	12.2

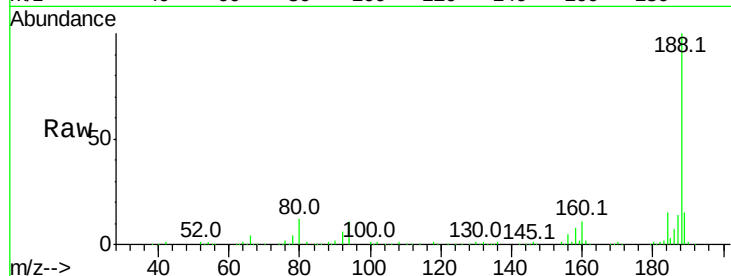




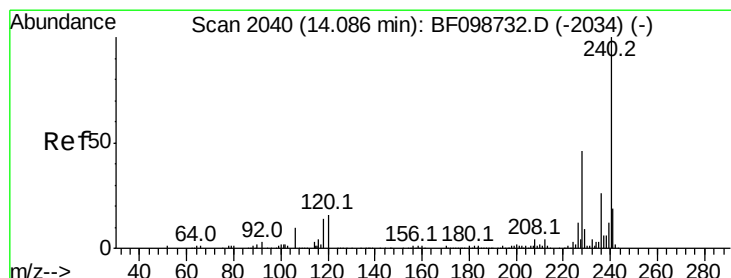
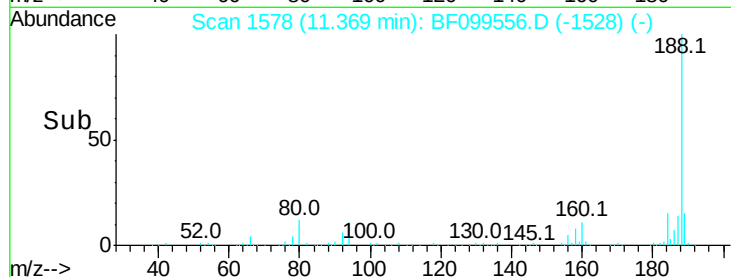
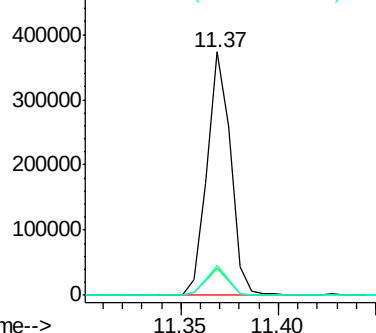
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099556.D
Acq: 16 Oct 2017 20:54

Instrument :
BNA_F
ClientSampleId :
S2(10-12)

Tot Ion:188 Resp: 314218
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.0 9.2 13.8

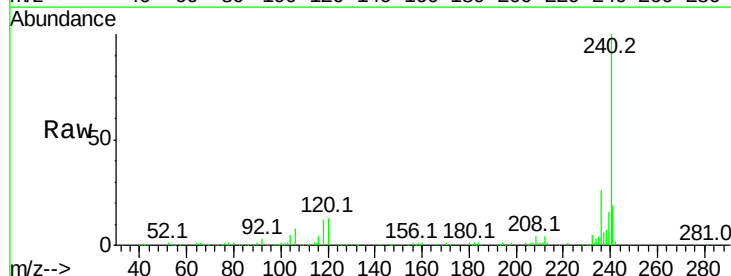


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

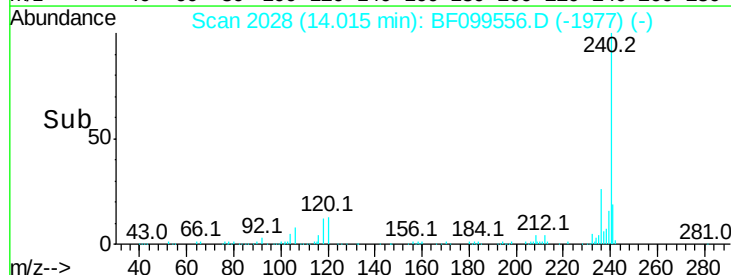
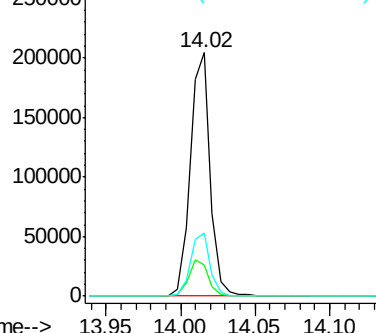


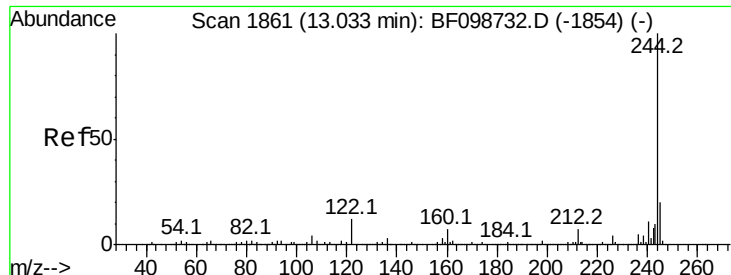
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099556.D
Acq: 16 Oct 2017 20:54

Tgt Ion:240 Resp: 190956
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 25.9 20.7 31.1



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: 92.435 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099556.D

Acq: 16 Oct 2017 20:54

Instrument :

BNA_F

ClientSampleId :

S2(10-12)

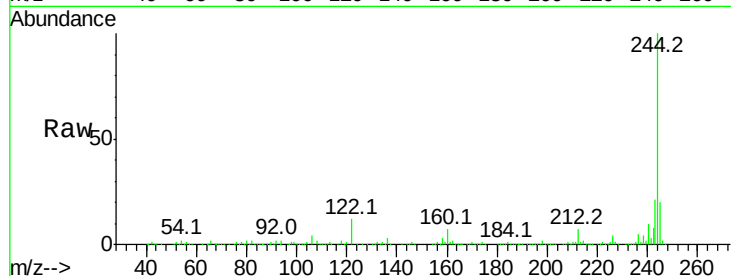
Tot Ion:244 Resp: 776145

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

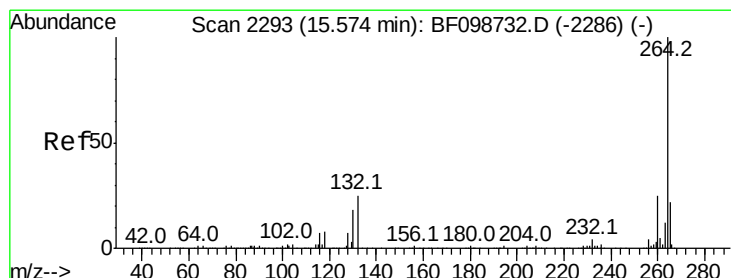
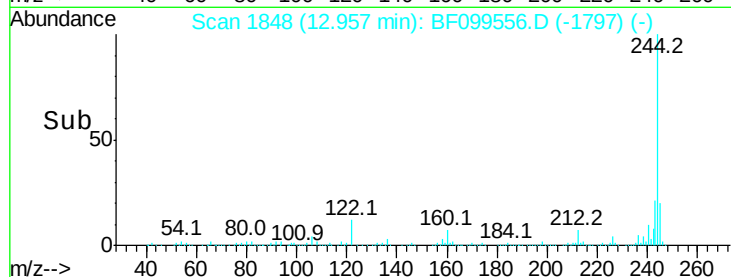
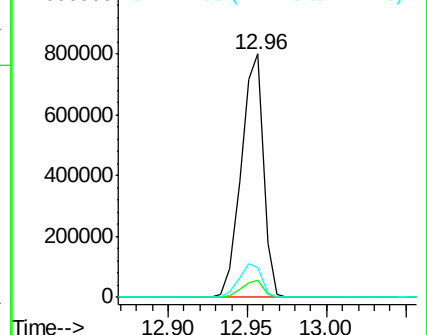
122 12.4 11.0 16.4



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF099556.D

Acq: 16 Oct 2017 20:54

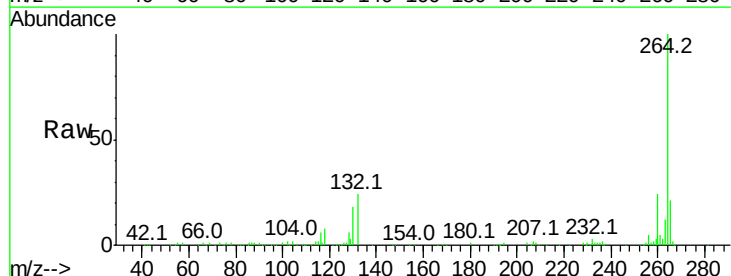
Tgt Ion:264 Resp: 197044

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.9 17.5 26.3



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

