

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099559.D
 Acq On : 16 Oct 2017 22:17
 Operator : SJ/JU
 Sample : I5782-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4(1-3)

Quant Time: Oct 17 02:13:02 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

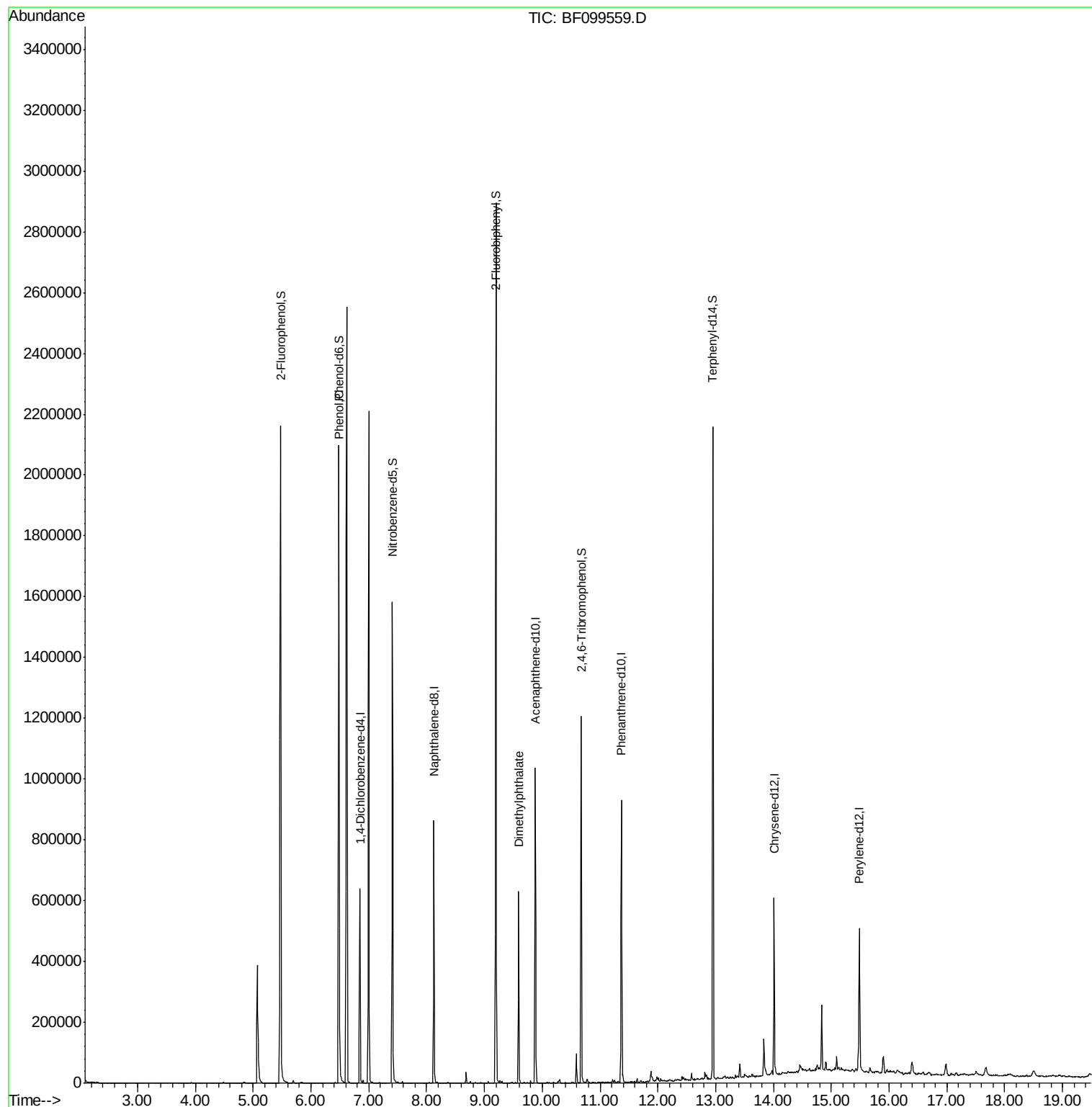
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	103318	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	431241	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	189917	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	305827	20.00	ng	0.00
75) Chrysene-d12	14.01	240	193671	20.00	ng	0.00
86) Perylene-d12	15.49	264	199304	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	740644	114.12	ng	0.00
7) Phenol-d6	6.48	99	930988	116.28	ng	0.00
23) Nitrobenzene-d5	7.41	82	557129	82.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	153066	98.50	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1040091	91.43	ng	0.00
78) Terphenyl-d14	12.95	244	739141	86.79	ng	0.00
Target Compounds						
10) Phenol	6.49	94	72851	8.136	ng	97
49) Dimethylphthalate	9.59	163	243559	16.992	ng	100

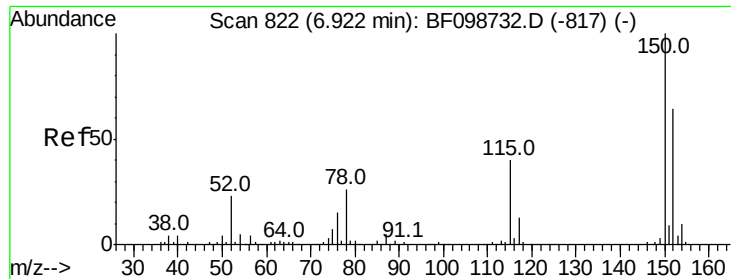
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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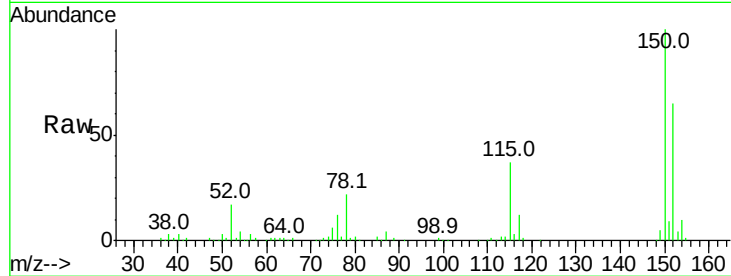


#1

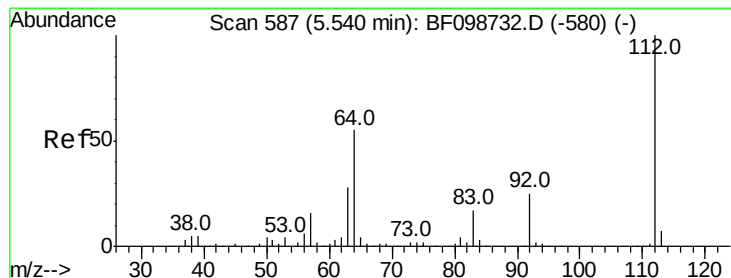
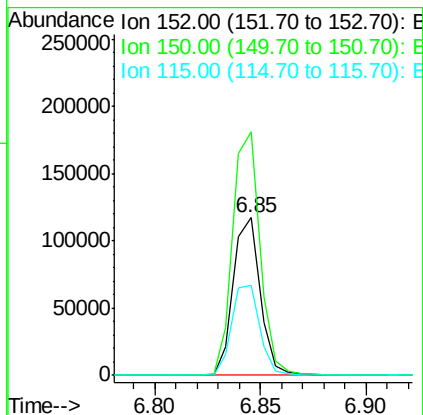
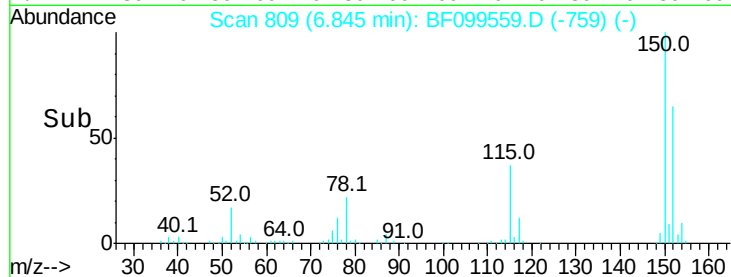
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF099559.D
 Acq: 16 Oct 2017 22:17

Instrument :
 BNA_F
 ClientSampleId :
 S4(1-3)

Tot Ion:152 Resp: 103318
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.6 186.8
 115 56.8 50.1 75.1



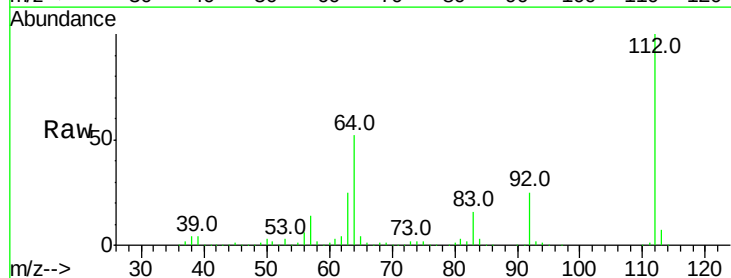
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



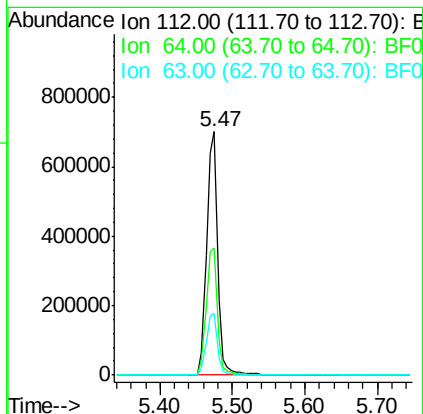
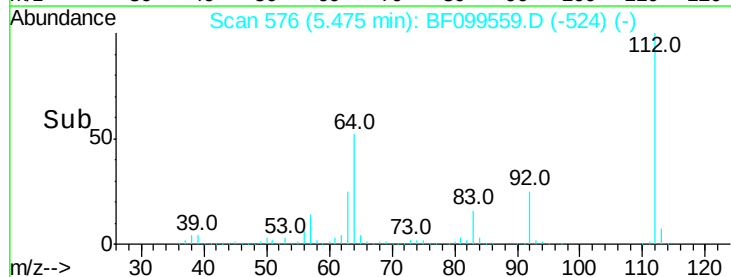
#5

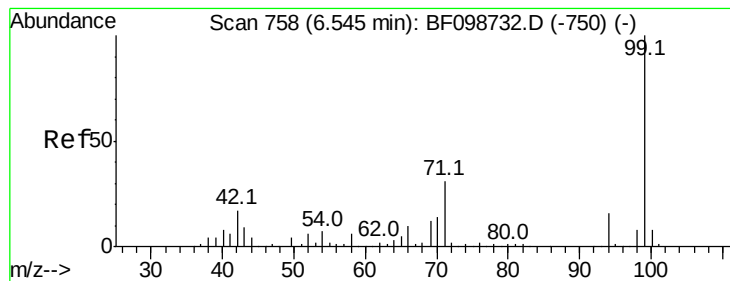
2-Fluorophenol
 Concen: 114.117 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF099559.D
 Acq: 16 Oct 2017 22:17

Tgt Ion:112 Resp: 740644
 Ion Ratio Lower Upper
 112 100
 64 52.3 47.9 71.9
 63 25.3 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: 116.280 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099559.D

Acq: 16 Oct 2017 22:17

Instrument :

BNA_F

ClientSampleId :

S4(1-3)

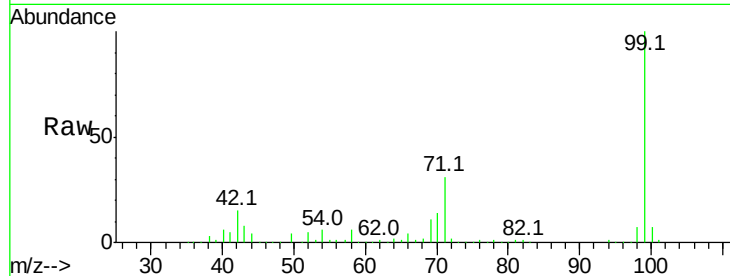
Tot Ion: 99 Resp: 930988

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

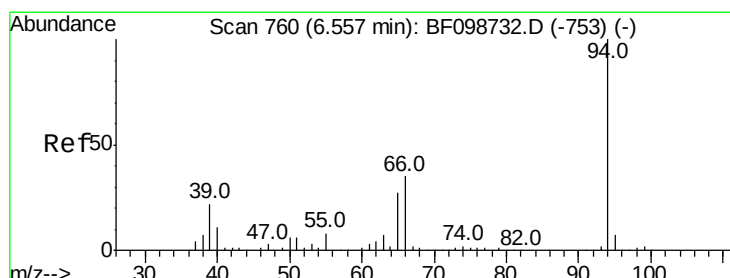
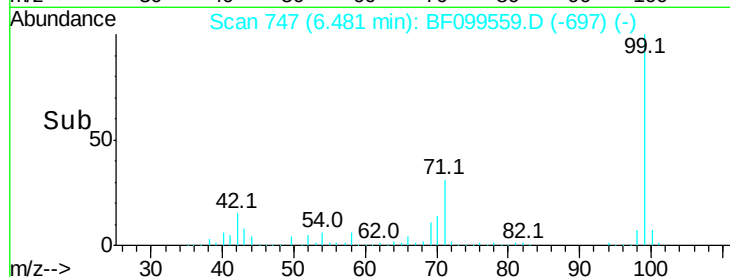
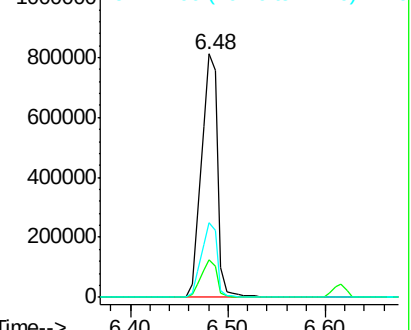
71 30.7 25.4 38.0



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



#10

Phenol

Concen: 8.136 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099559.D

Acq: 16 Oct 2017 22:17

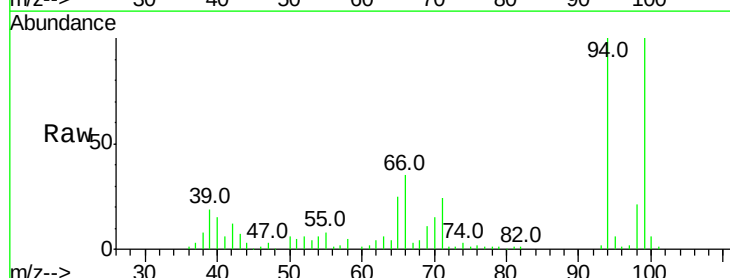
Tgt Ion: 94 Resp: 72851

Ion Ratio Lower Upper

94 100

65 25.0 7.9 47.9

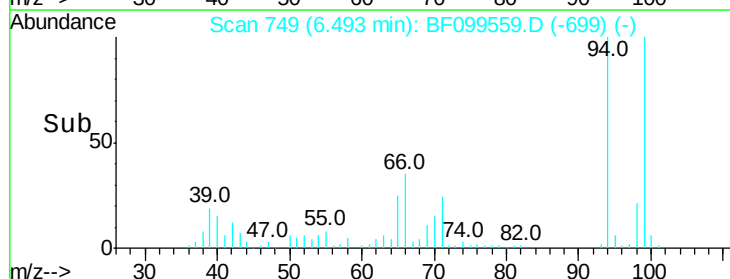
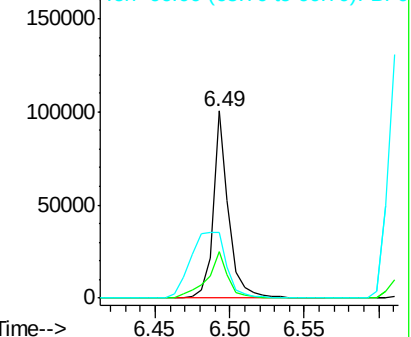
66 35.1 16.2 56.2

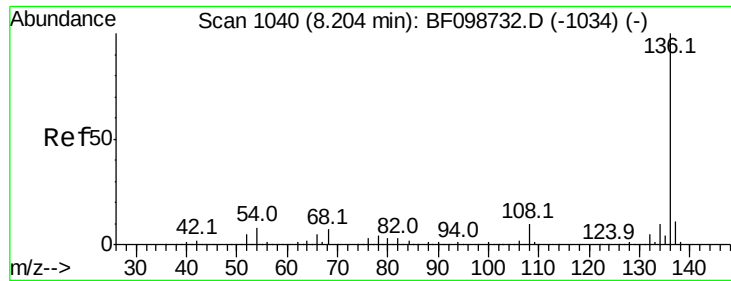


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

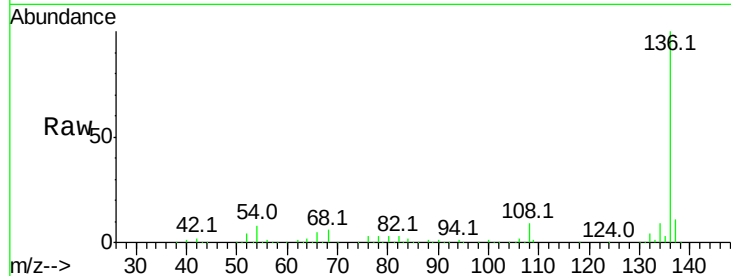




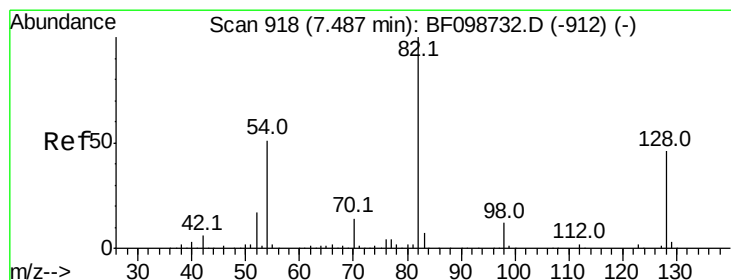
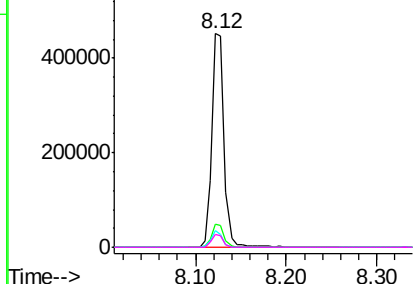
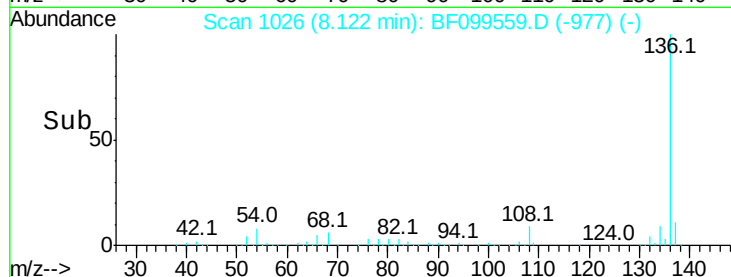
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099559.D
Acq: 16 Oct 2017 22:17

Instrument :
BNA_F
ClientSampleId :
S4(1-3)

Tot Ion:	136	Resp:	431241
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.6	6.6	9.8
68	6.2	5.0	7.4

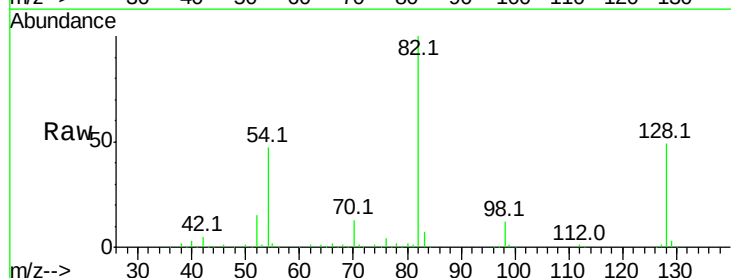


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

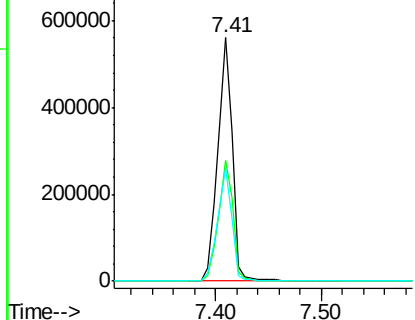
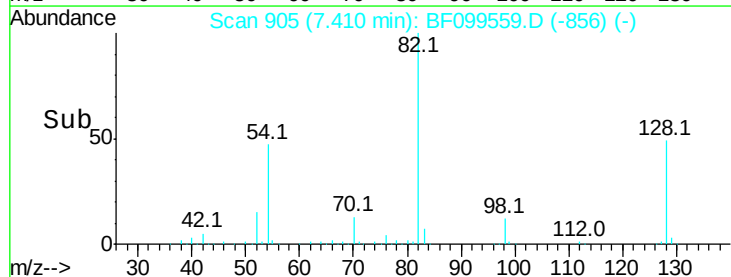


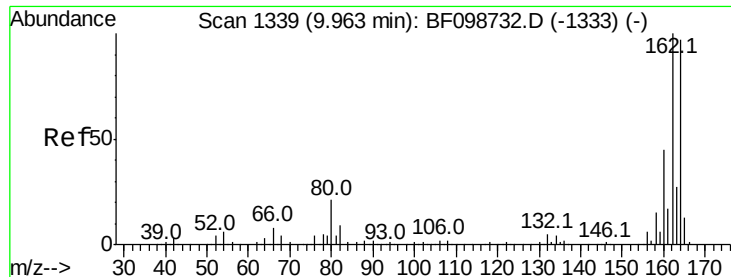
#23
Nitrobenzene-d5
Concen: 82.851 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099559.D
Acq: 16 Oct 2017 22:17

Tgt Ion:	82	Resp:	557129
Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.1	54.1
54	46.5	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: BF099559.D

Acq: 16 Oct 2017 22:17

Instrument :

BNA_F

ClientSampleId :

S4(1-3)

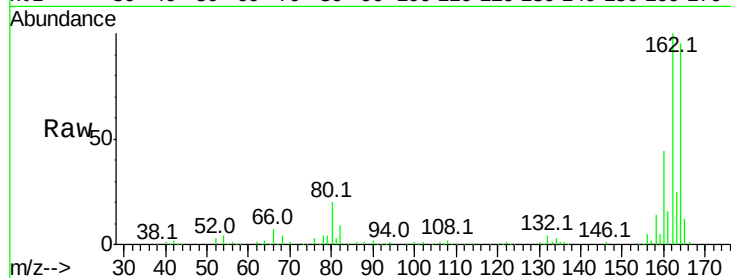
Tot Ion:164 Resp: 189917

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

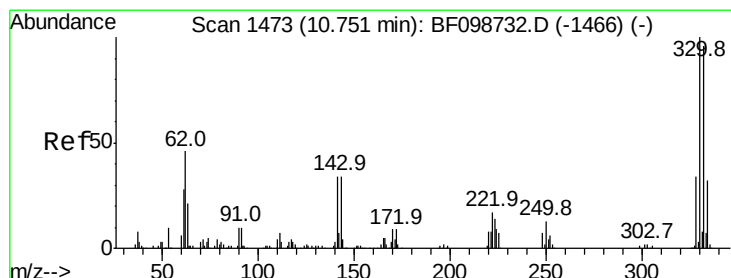
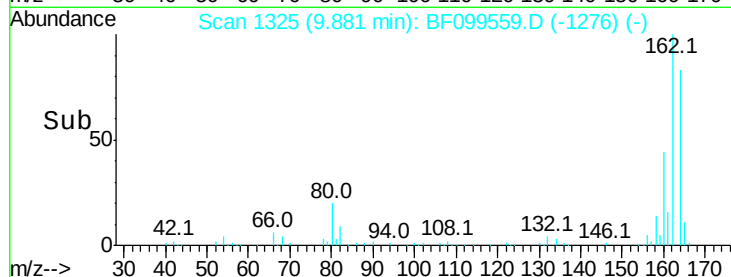
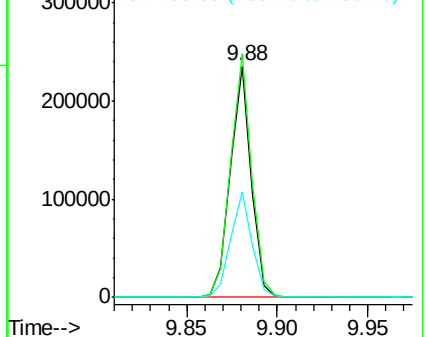
160 45.8 38.3 57.5



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: 98.496 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF099559.D

Acq: 16 Oct 2017 22:17

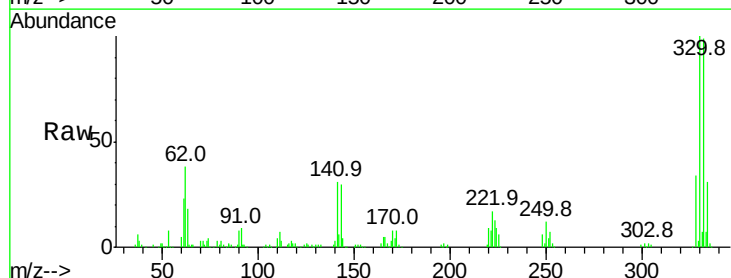
Tgt Ion:330 Resp: 153066

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

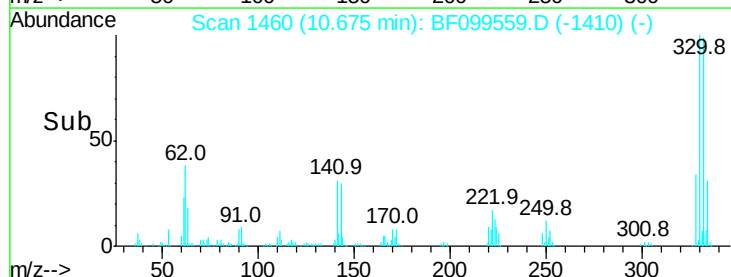
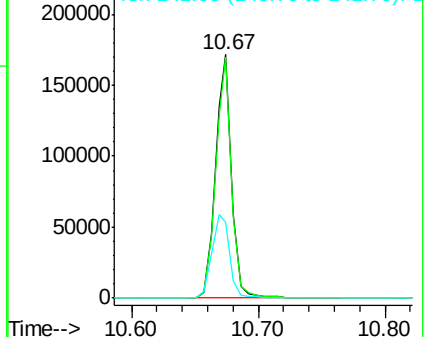
141 38.2 29.9 44.9

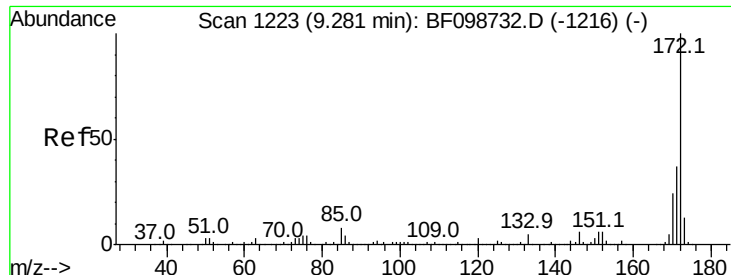


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

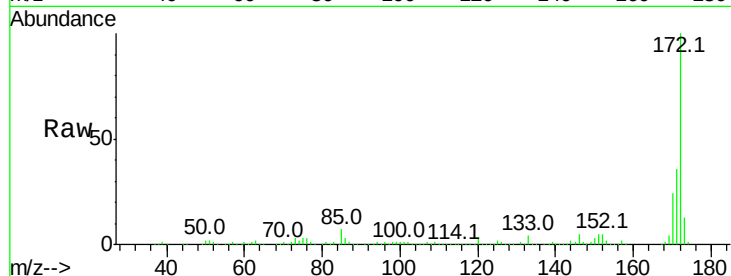




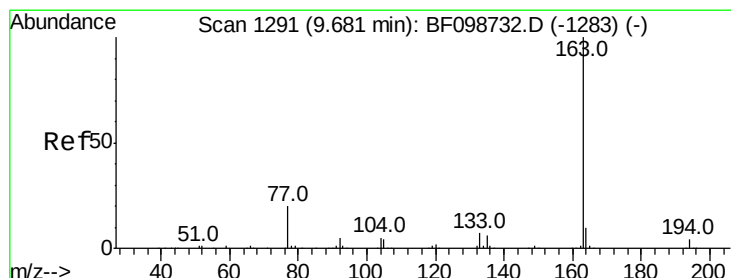
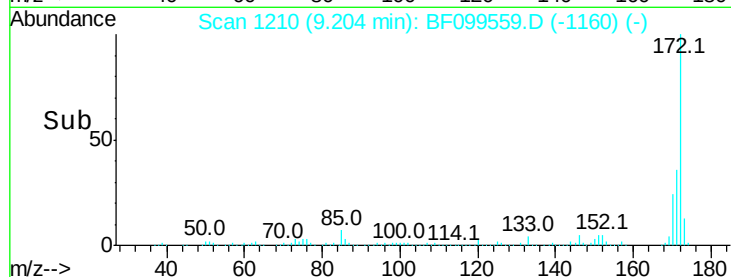
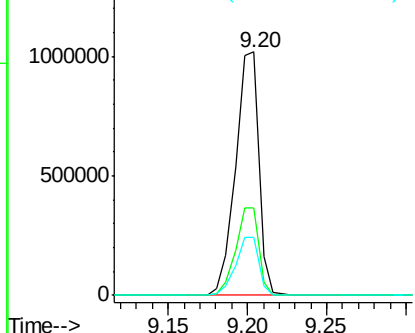
#44
2-Fluorobiphenyl
Concen: 91.427 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF099559.D
Acq: 16 Oct 2017 22:17

Instrument :
BNA_F
ClientSampleId :
S4(1-3)

Tot Ion:172 Resp: 1040091
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.7 19.6 29.4

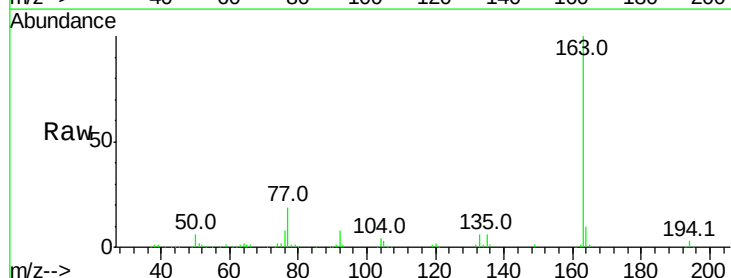


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

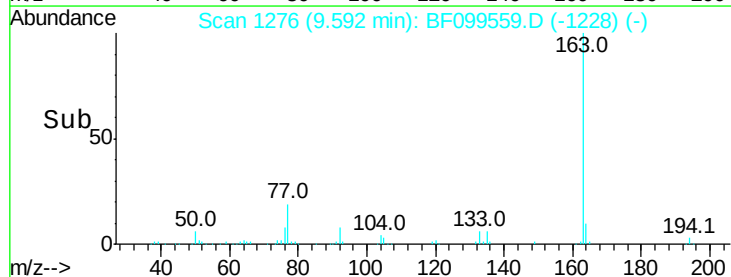
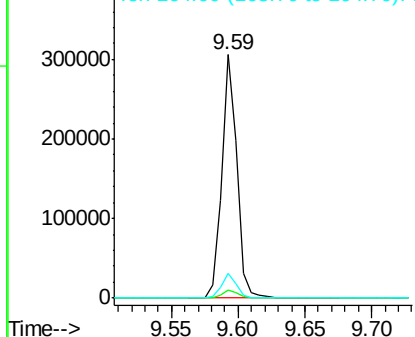


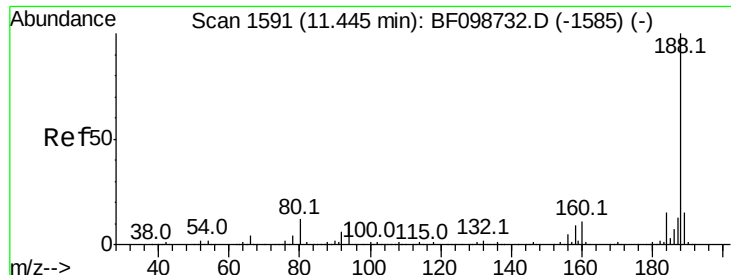
#49
Dimethylphthalate
Concen: 16.992 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099559.D
Acq: 16 Oct 2017 22:17

Tgt Ion:163 Resp: 243559
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

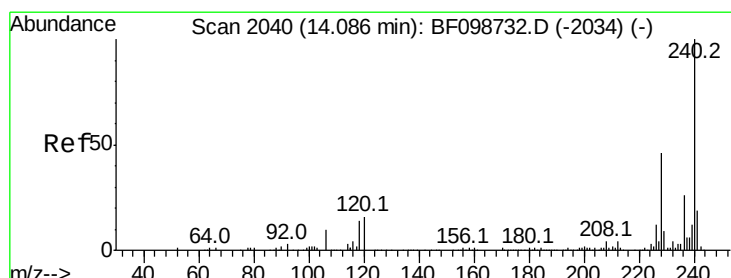
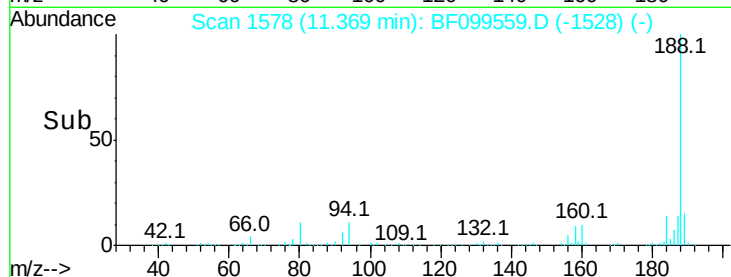
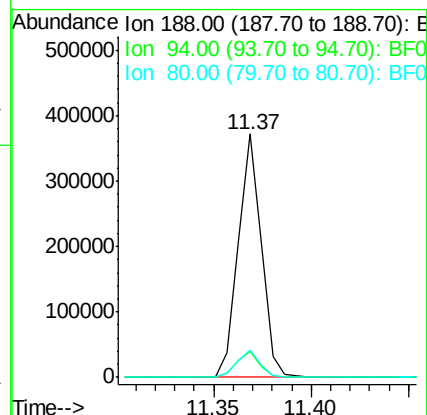
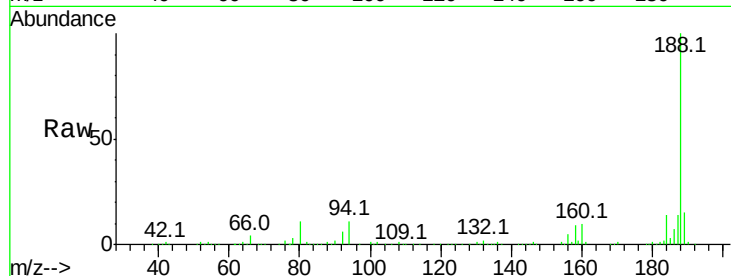




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099559.D
Acq: 16 Oct 2017 22:17

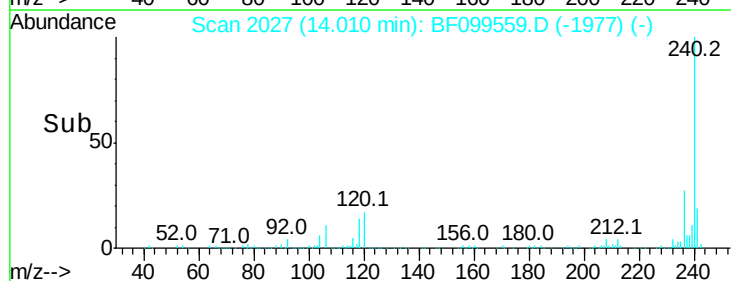
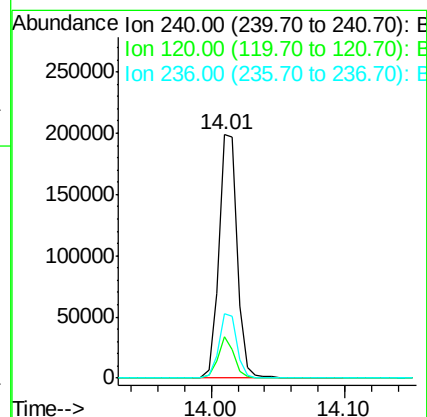
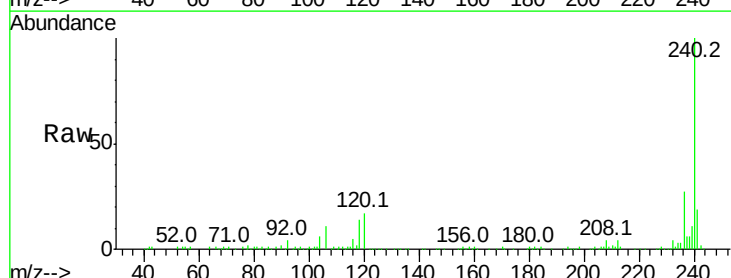
Instrument :
BNA_F
ClientSampled :
S4(1-3)

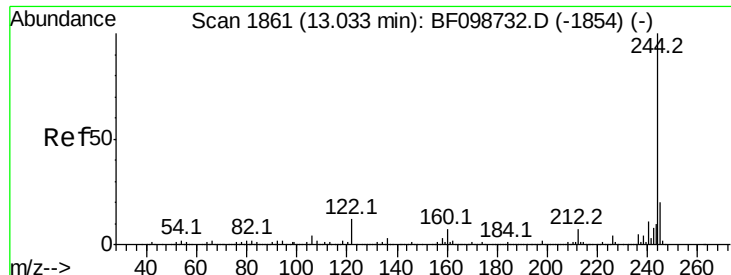
Tot Ion:188 Resp: 305827
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099559.D
Acq: 16 Oct 2017 22:17

Tgt Ion:240 Resp: 193671
Ion Ratio Lower Upper
240 100
120 16.8 9.5 14.3#
236 26.6 20.7 31.1





#78

Terphenyl-d14

Concen: 86.794 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099559.D

Acq: 16 Oct 2017 22:17

Instrument :

BNA_F

ClientSampleId :

S4(1-3)

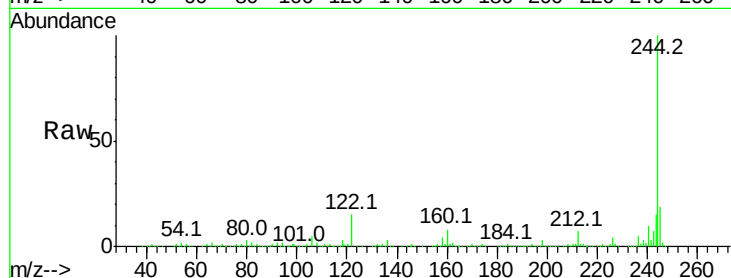
Tot Ion:244 Resp: 739141

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

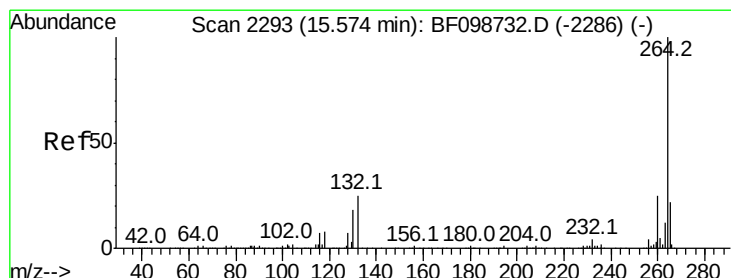
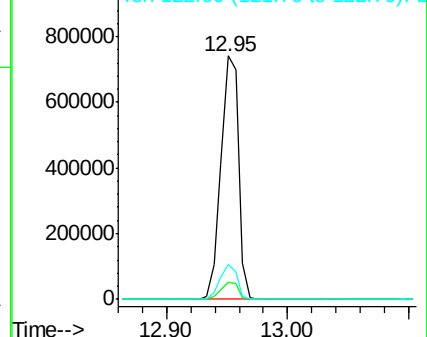
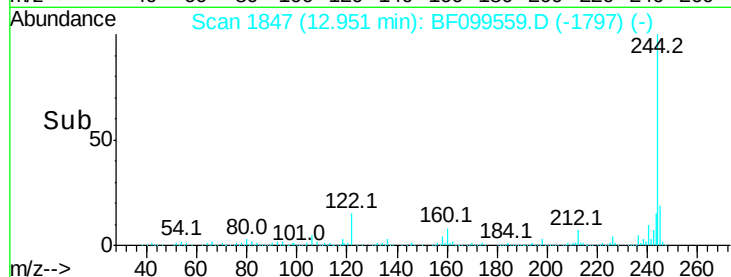
122 14.6 11.0 16.4



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: BF099559.D

Acq: 16 Oct 2017 22:17

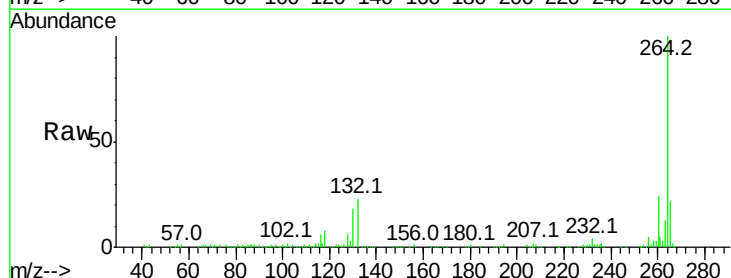
Tgt Ion:264 Resp: 199304

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.0 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

