

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099554.D
 Acq On : 16 Oct 2017 19:59
 Operator : SJ/JU
 Sample : I5782-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1(10-12)

Quant Time: Oct 17 01:50:40 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

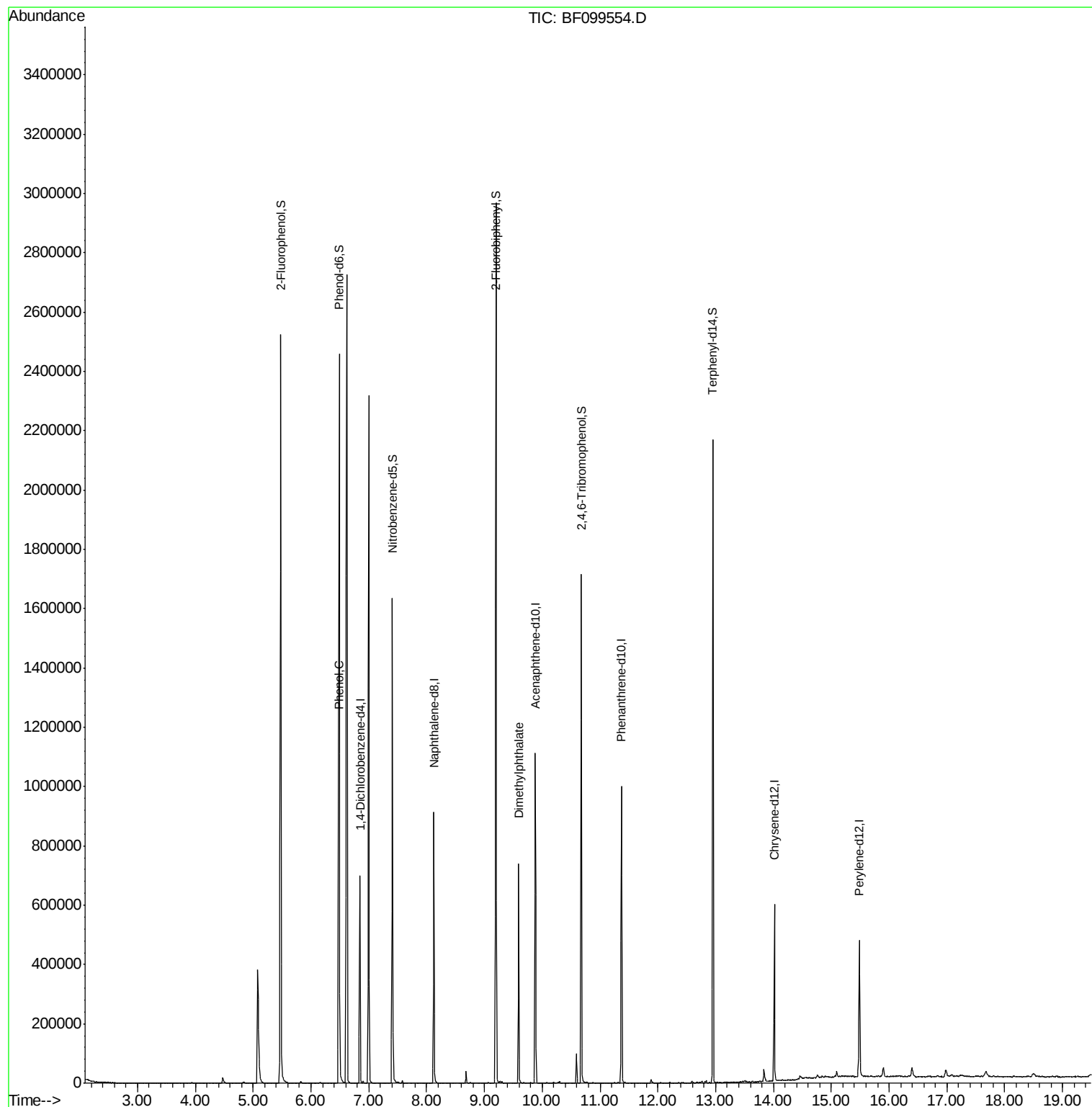
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	112098	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	466565	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	208069	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	338347	20.00	ng	0.00
75) Chrysene-d12	14.02	240	201213	20.00	ng	0.00
86) Perylene-d12	15.49	264	202232	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	901311	127.99	ng	0.00
7) Phenol-d6	6.49	99	1066045	122.72	ng	0.00
23) Nitrobenzene-d5	7.41	82	652860	89.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	210640	123.72	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1107175	88.83	ng	0.00
78) Terphenyl-d14	12.96	244	759147	85.80	ng	0.00
Target Compounds						
10) Phenol	6.50	94	84750	8.723	ng	89
49) Dimethylphthalate	9.59	163	298626	19.016	ng	99

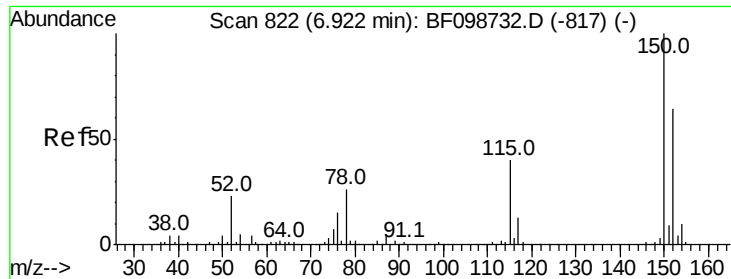
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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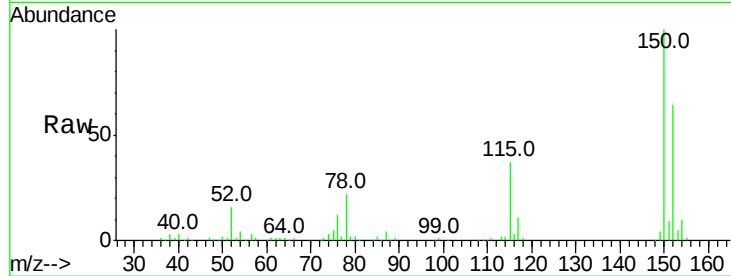


#1

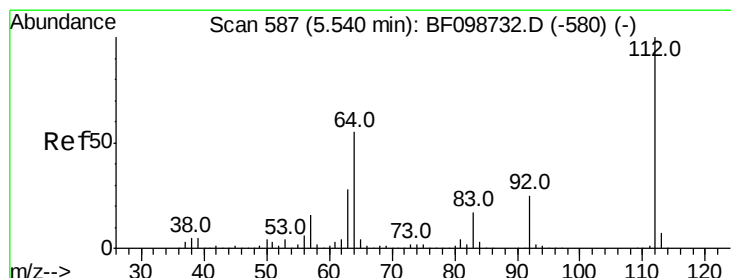
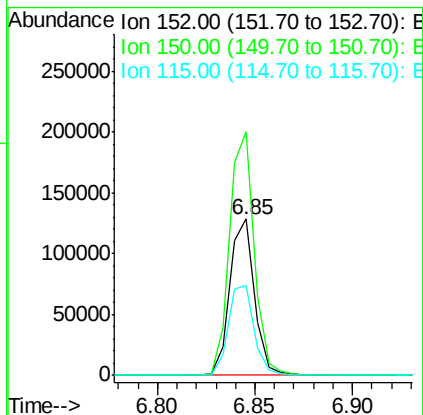
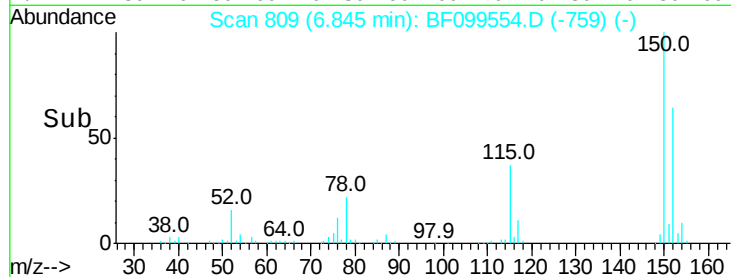
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF099554.D
 Acq: 16 Oct 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 S1(10-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	57.4	50.1	75.1



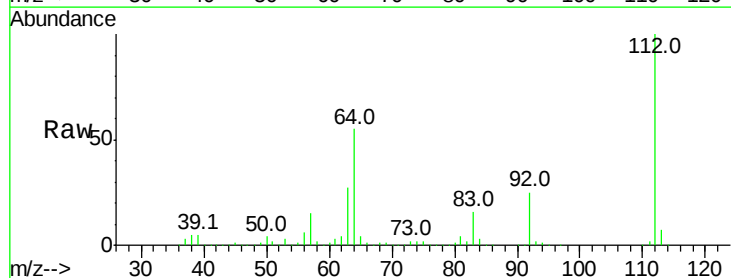
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



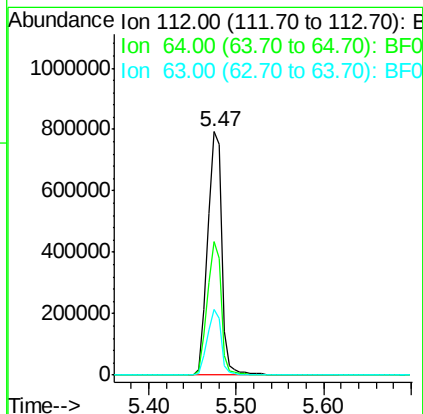
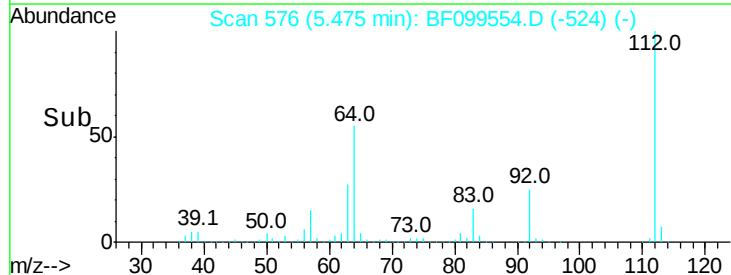
#5

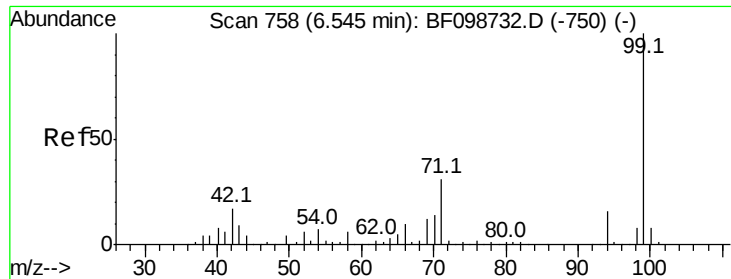
2-Fluorophenol
 Concen: 127.995 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF099554.D
 Acq: 16 Oct 2017 19:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	47.9	71.9
63	26.8	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: 122.720 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099554.D

Acq: 16 Oct 2017 19:59

Instrument :

BNA_F

ClientSampleId :

S1(10-12)

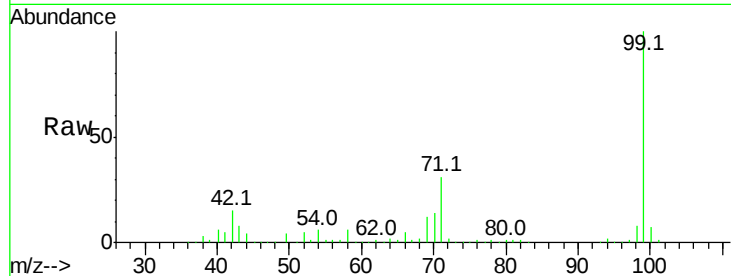
Tot Ion: 99 Resp: 1066045

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

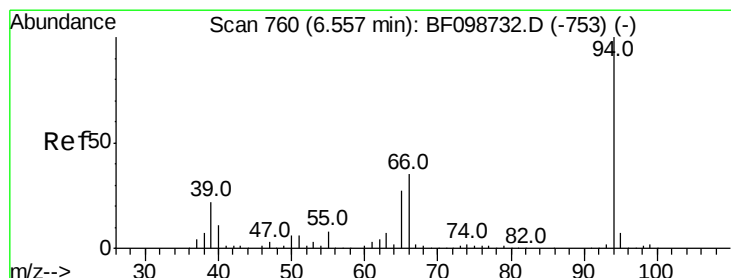
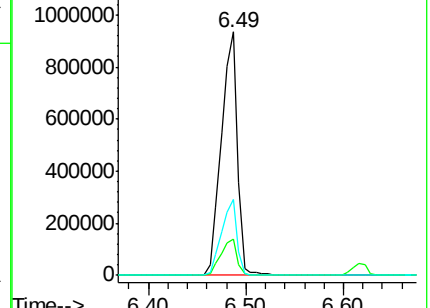
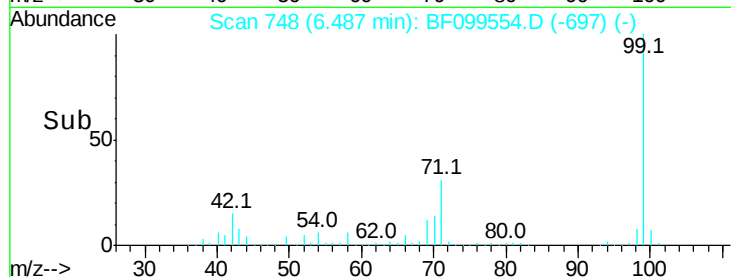
71 31.2 25.4 38.0



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: 8.723 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099554.D

Acq: 16 Oct 2017 19:59

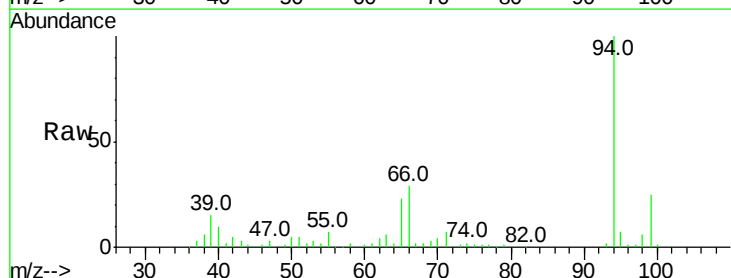
Tgt Ion: 94 Resp: 84750

Ion Ratio Lower Upper

94 100

65 23.3 7.9 47.9

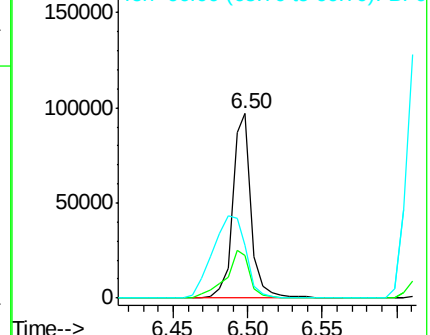
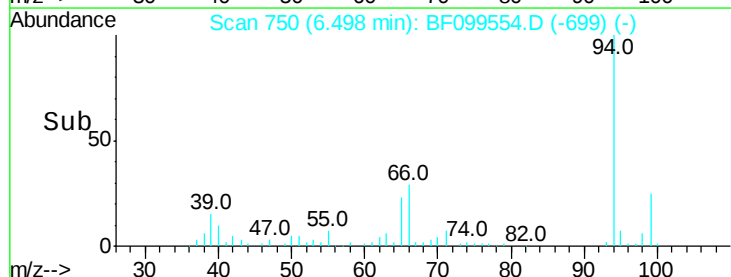
66 29.0 16.2 56.2

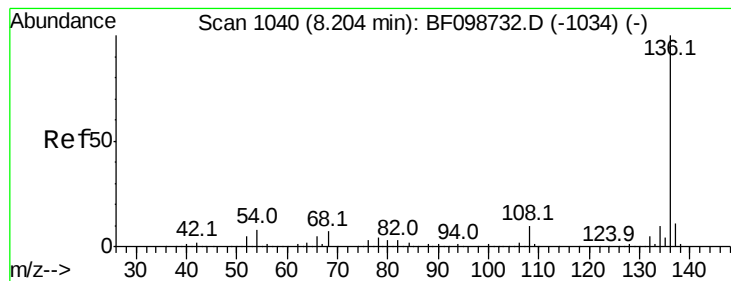


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF099554.D

Acq: 16 Oct 2017 19:59

Instrument :

BNA_F

ClientSampleId :

S1(10-12)

Tot Ion:136 Resp: 466565

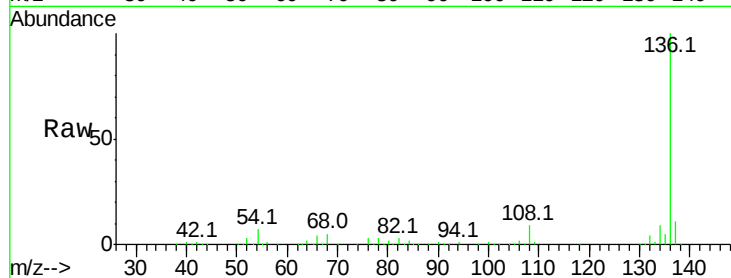
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.5 6.6 9.8#

68 5.4 5.0 7.4

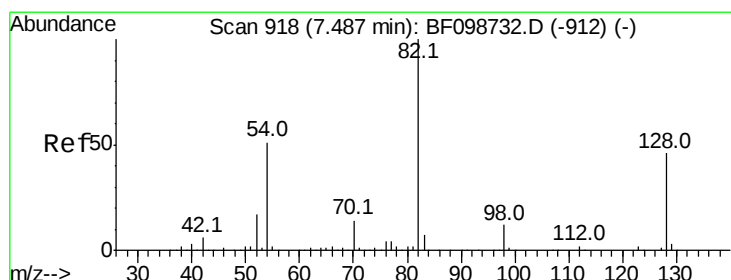
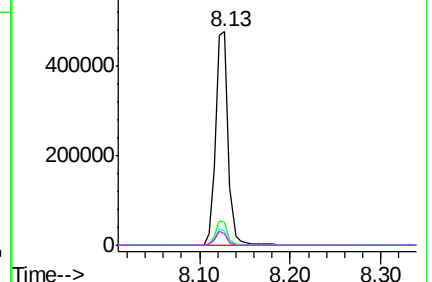
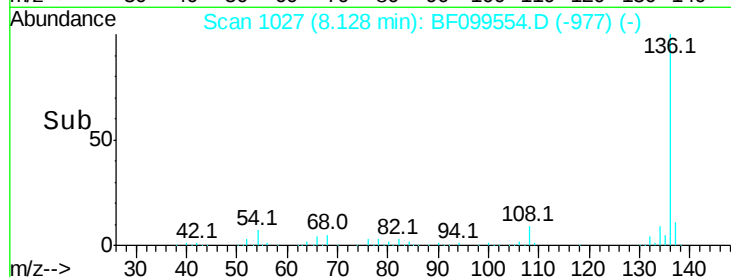


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.737 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF099554.D

Acq: 16 Oct 2017 19:59

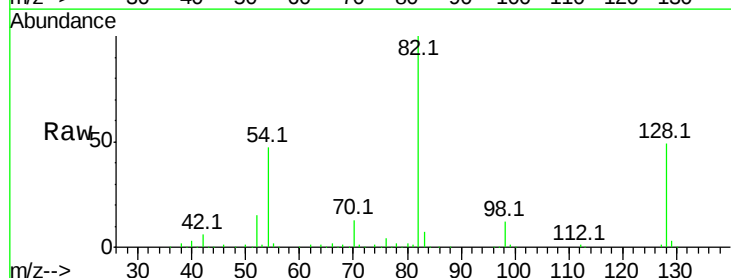
Tgt Ion: 82 Resp: 652860

Ion Ratio Lower Upper

82 100

128 48.9 36.1 54.1

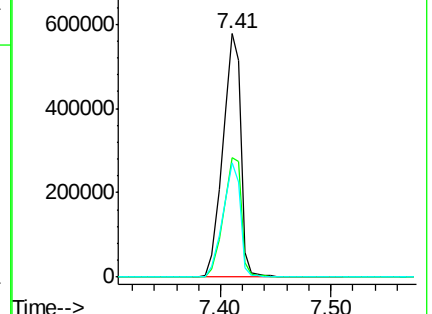
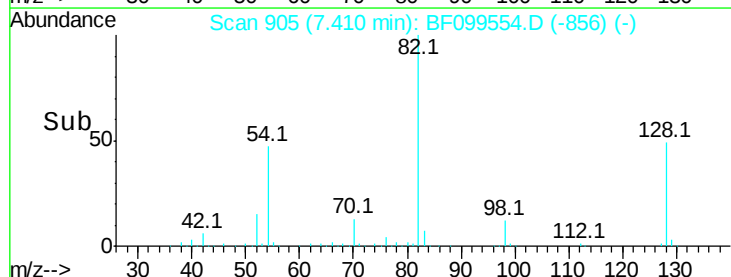
54 46.9 41.4 62.2

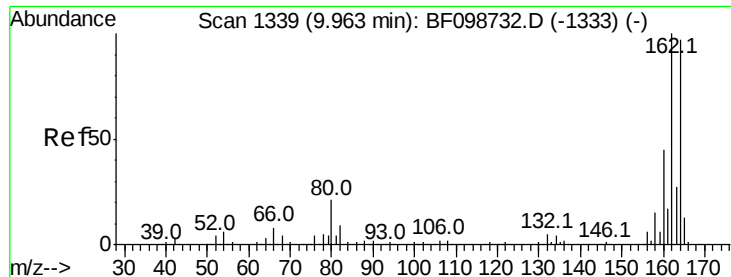


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

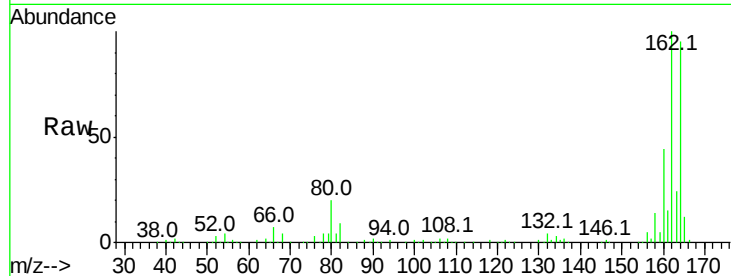




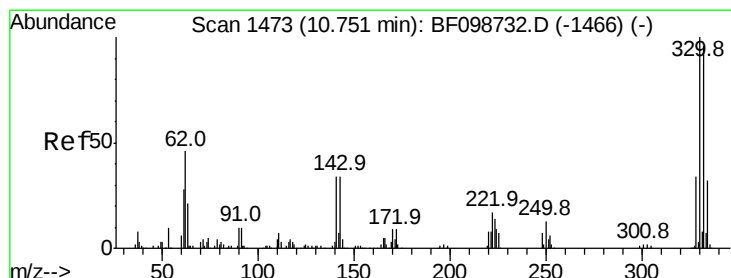
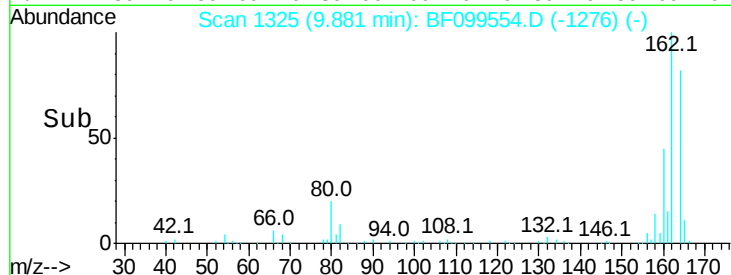
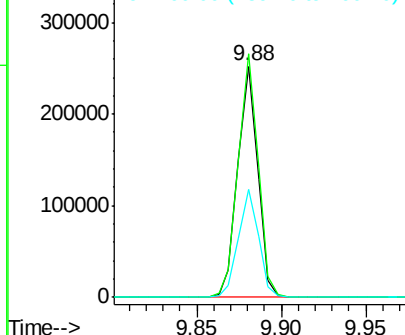
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099554.D
Acq: 16 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :
S1(10-12)

Tot Ion:164 Resp: 208069
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 46.6 38.3 57.5

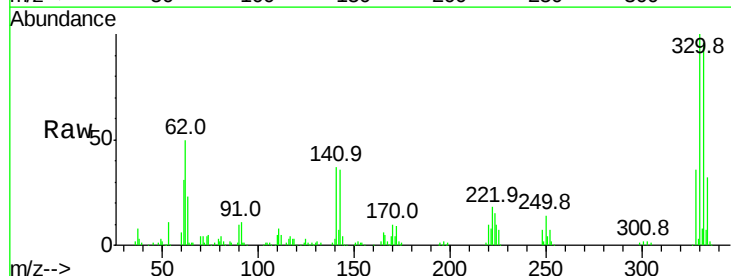


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

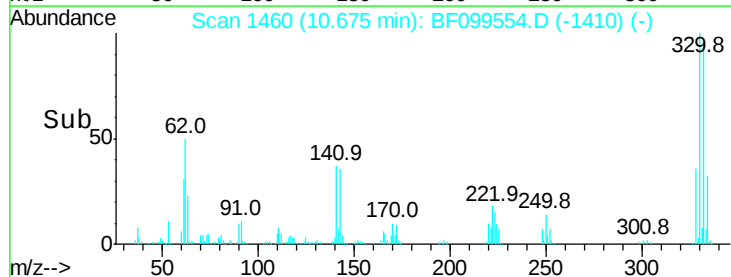
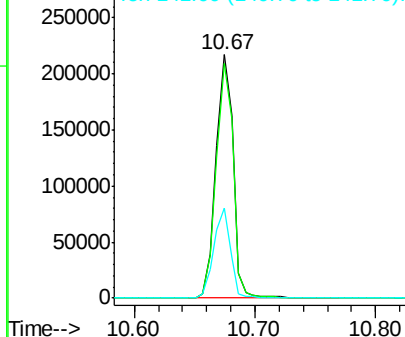


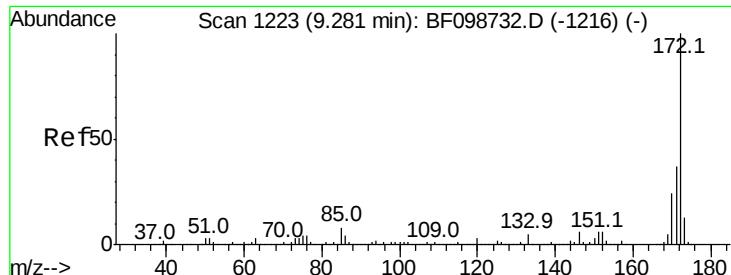
#41
2,4,6-Tribromophenol
Concen: 123.719 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099554.D
Acq: 16 Oct 2017 19:59

Tgt Ion:330 Resp: 210640
Ion Ratio Lower Upper
330 100
332 96.0 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



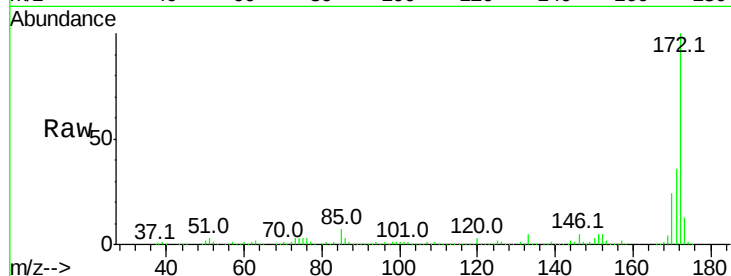


#44
 2-Fluorobiphenyl
 Concen: 88.833 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099554.D
 Acq: 16 Oct 2017 19:59

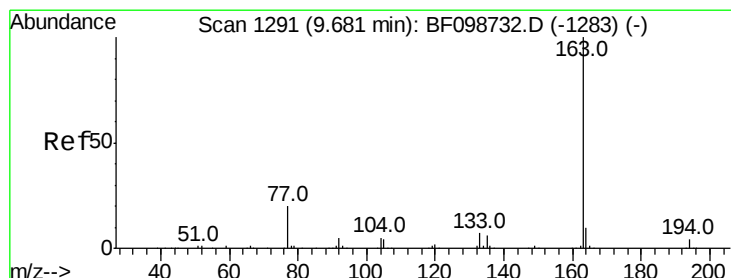
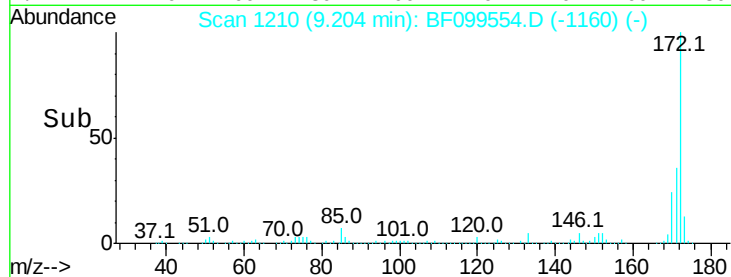
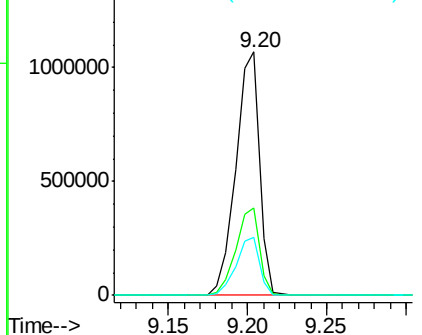
Instrument :
 BNA_F
 ClientSampled :
 S1(10-12)

Tot Ion:172 Resp: 1107175

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4



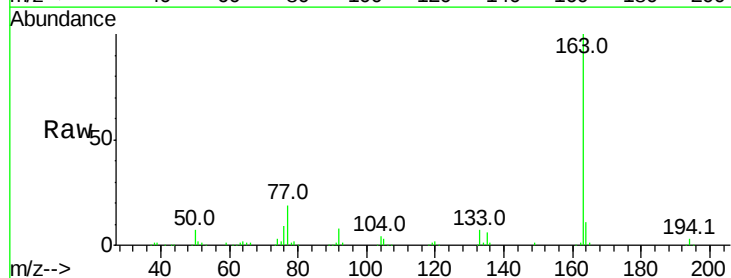
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



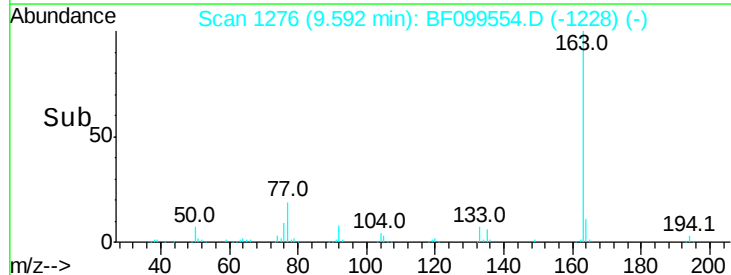
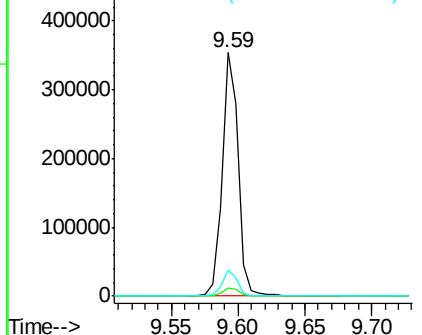
#49
 Dimethylphthalate
 Concen: 19.016 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF099554.D
 Acq: 16 Oct 2017 19:59

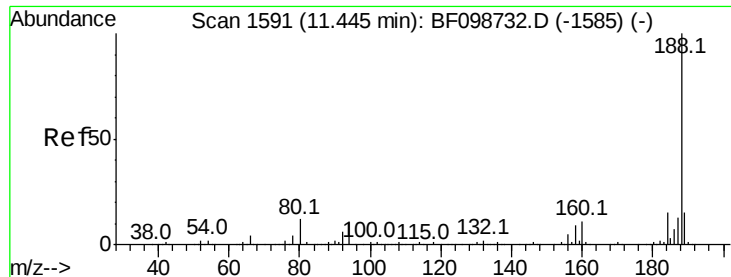
Tgt Ion:163 Resp: 298626

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.6	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

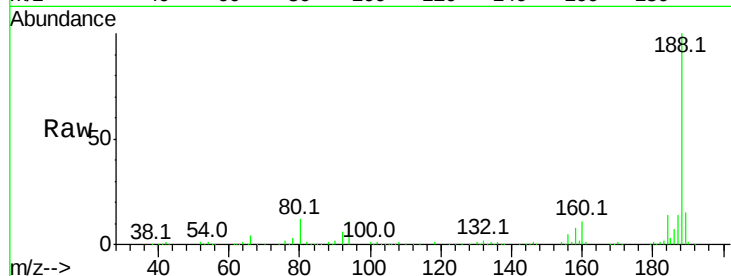




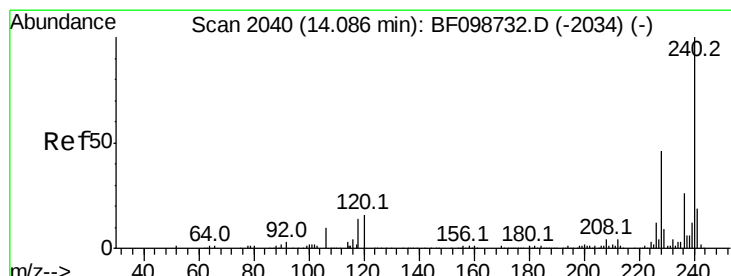
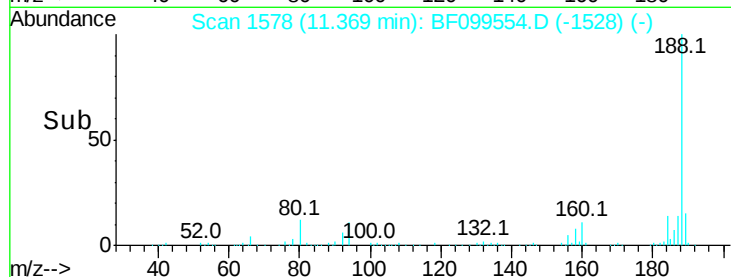
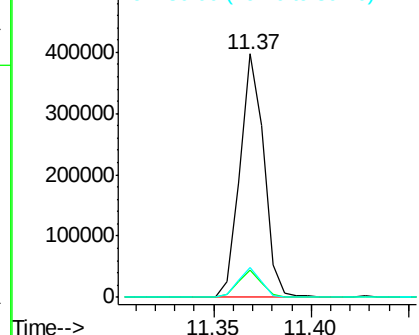
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099554.D
Acq: 16 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :
S1(10-12)

Tot Ion:188 Resp: 338347
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.3 9.2 13.8

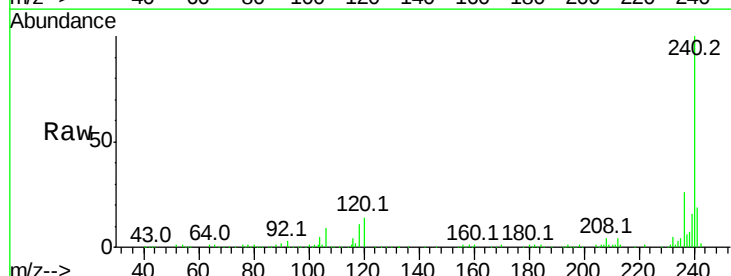


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

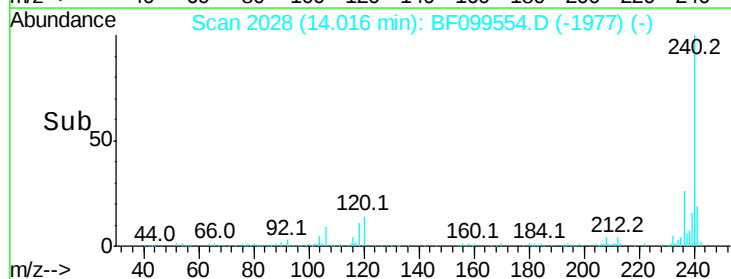
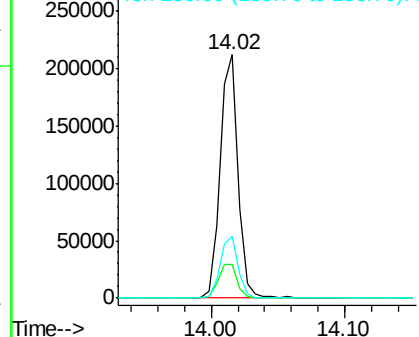


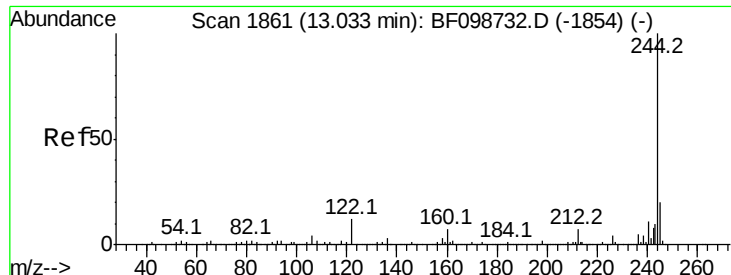
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099554.D
Acq: 16 Oct 2017 19:59

Tgt Ion:240 Resp: 201213
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 25.6 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: 85.802 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099554.D

Acq: 16 Oct 2017 19:59

Instrument :

BNA_F

ClientSampleId :

S1(10-12)

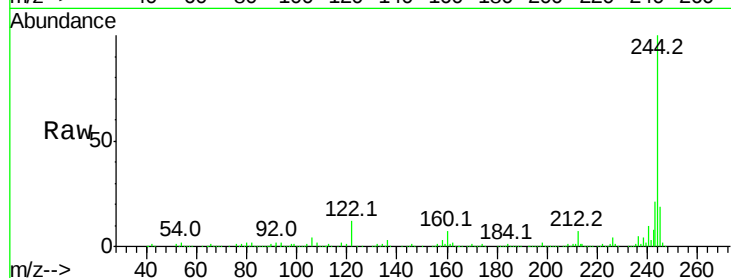
Tot Ion:244 Resp: 759147

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

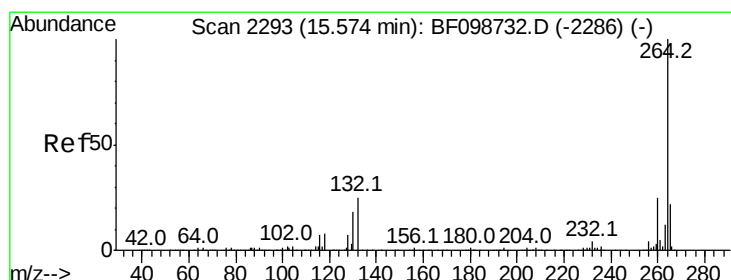
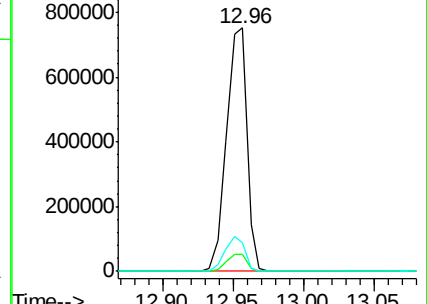
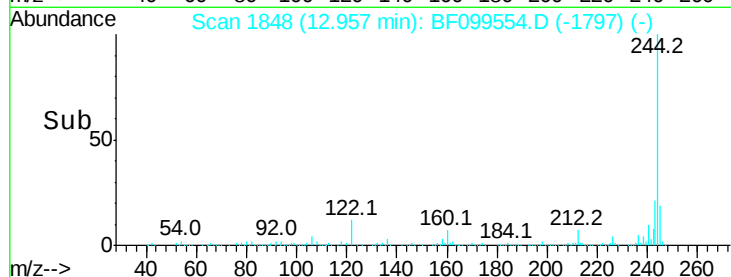
122 11.8 11.0 16.4



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: BF099554.D

Acq: 16 Oct 2017 19:59

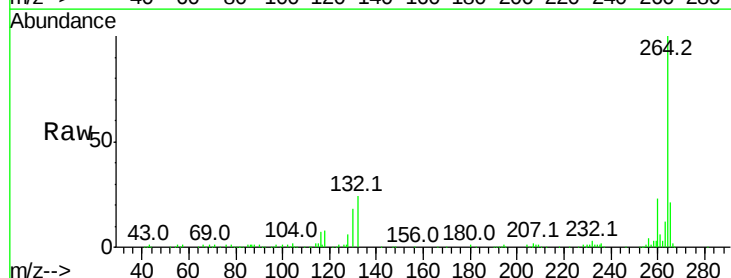
Tgt Ion:264 Resp: 202232

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.8 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

