

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097989.D
 Acq On : 23 Aug 2017 8:25
 Operator : SJ/JU
 Sample : I4913-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE2-3-12-COMP

Quant Time: Aug 23 08:57:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

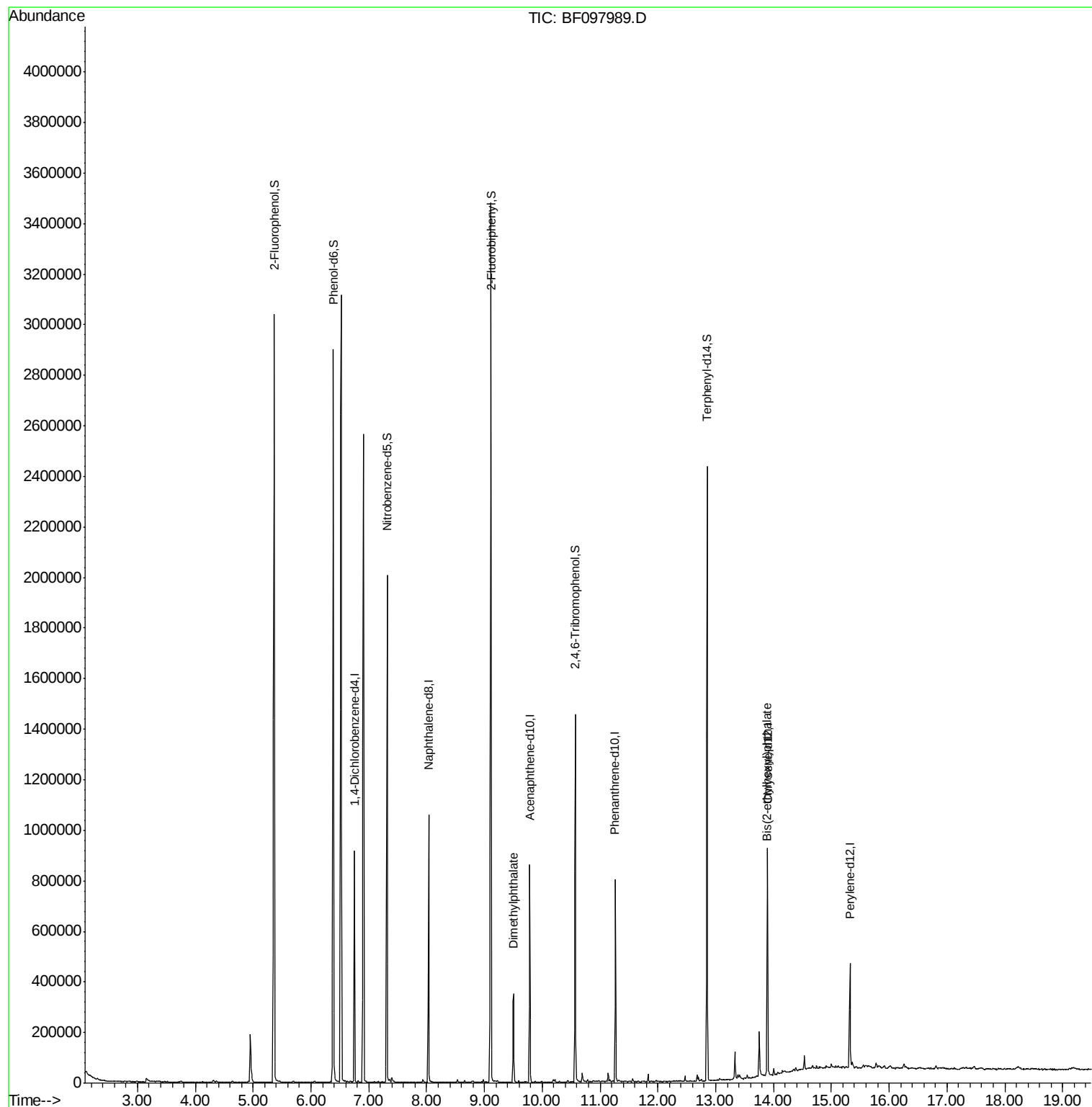
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	120292	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	449462	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	169828	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	272465	20.00	ng	0.00
75) Chrysene-d12	13.90	240	259400	20.00	ng	0.00
86) Perylene-d12	15.32	264	185393	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	923158	116.73	ng	0.01
7) Phenol-d6	6.39	99	1234449	114.88	ng	0.00
23) Nitrobenzene-d5	7.32	82	735723	88.92	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	151970	103.13	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1065999	92.22	ng	0.00
78) Terphenyl-d14	12.85	244	733038	58.93	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	132125	10.643	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	68513	7.601	ng	98

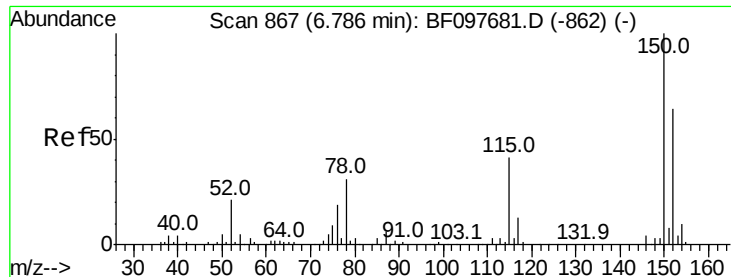
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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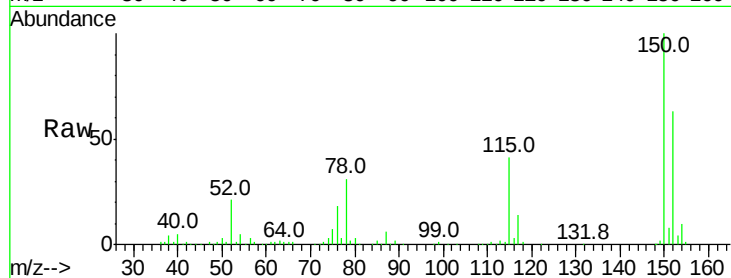


#1

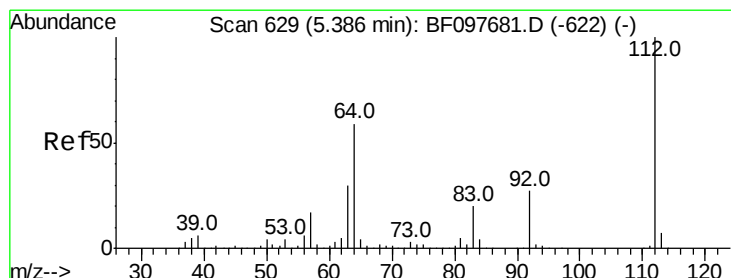
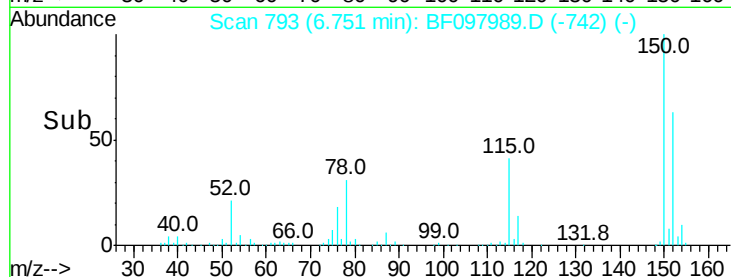
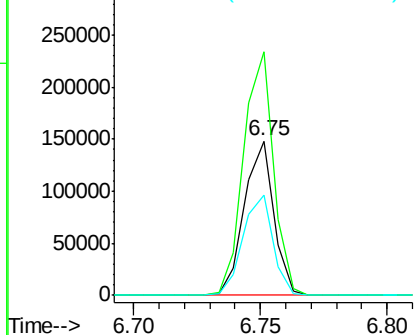
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF097989.D
 Acq: 23 Aug 2017 8:25

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE2-3-12-COMP

Tot Ion:152 Resp: 120292
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.2 189.2
 115 64.6 52.2 78.2



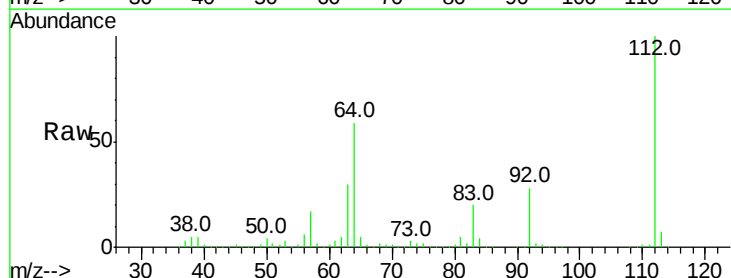
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



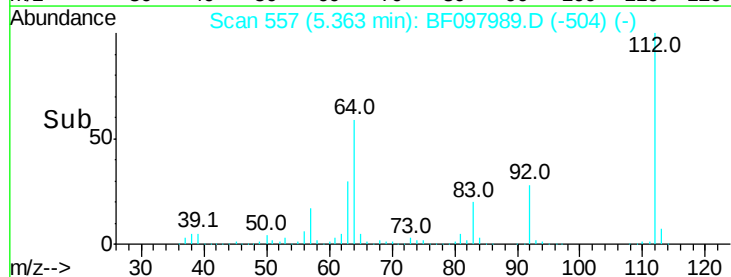
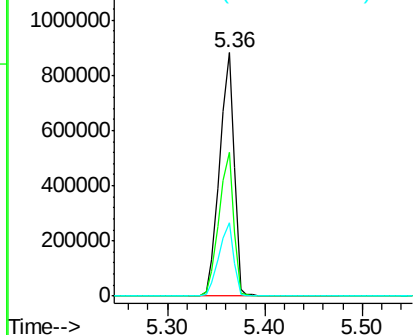
#5

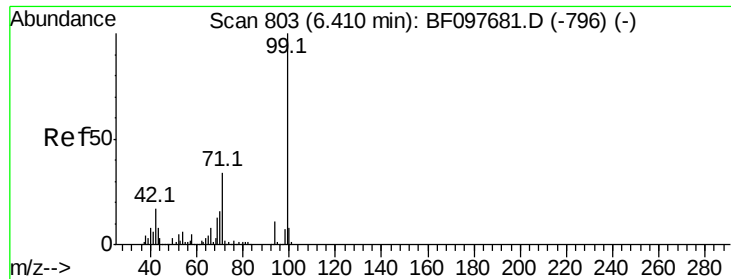
2-Fluorophenol
 Concen: 116.732 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF097989.D
 Acq: 23 Aug 2017 8:25

Tgt Ion:112 Resp: 923158
 Ion Ratio Lower Upper
 112 100
 64 59.0 46.0 69.0
 63 30.0 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: 114.884 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097989.D

Acq: 23 Aug 2017 8:25

Instrument :

BNA_F

ClientSampleId :

TEC-BE2-3-12-COMP

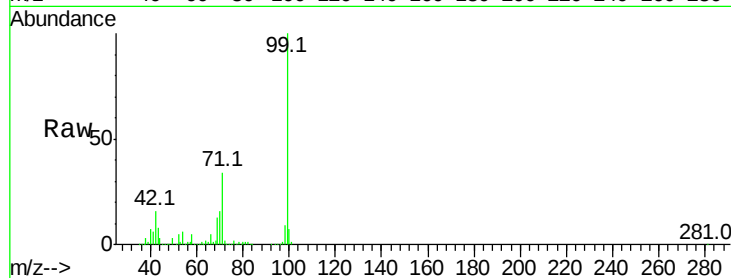
Tot Ion: 99 Resp: 1234449

Ion Ratio Lower Upper

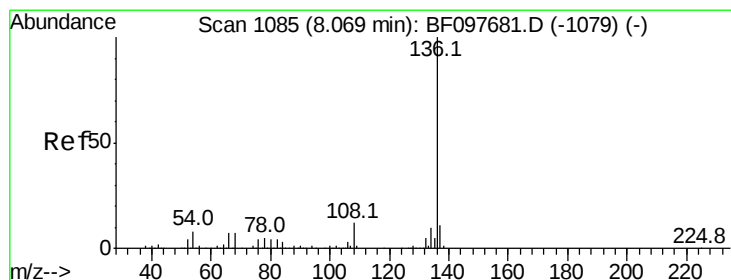
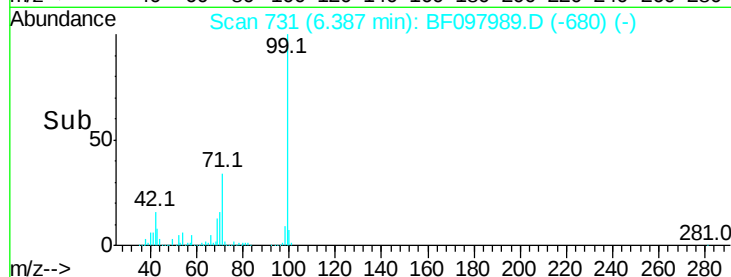
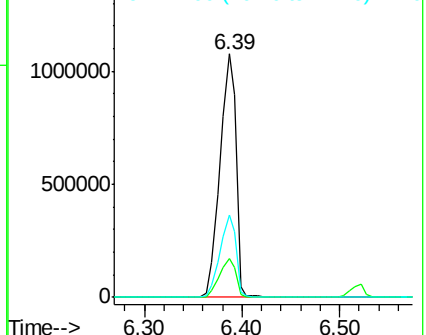
99 100

42 16.0 13.5 20.3

71 33.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097989.D

Acq: 23 Aug 2017 8:25

Tgt Ion: 136 Resp: 449462

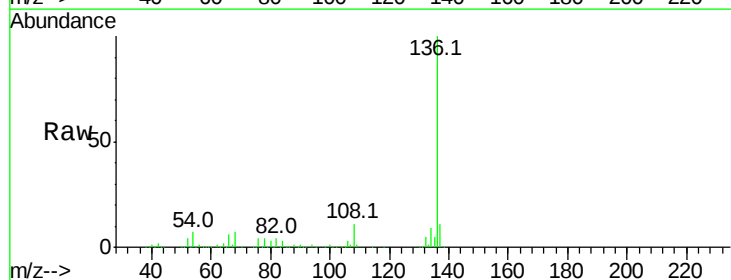
Ion Ratio Lower Upper

136 100

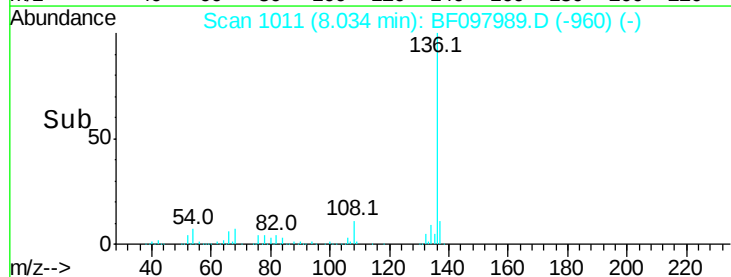
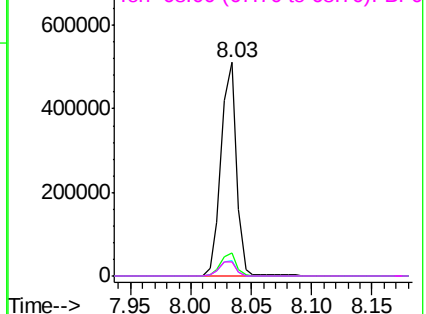
137 10.9 8.5 12.7

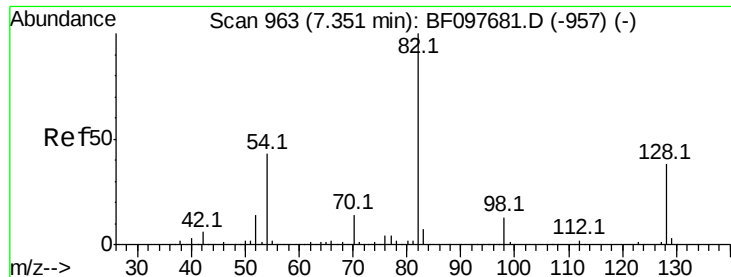
54 7.2 4.9 7.3

68 6.8 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

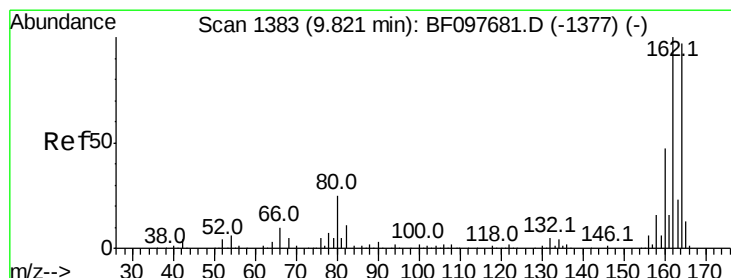
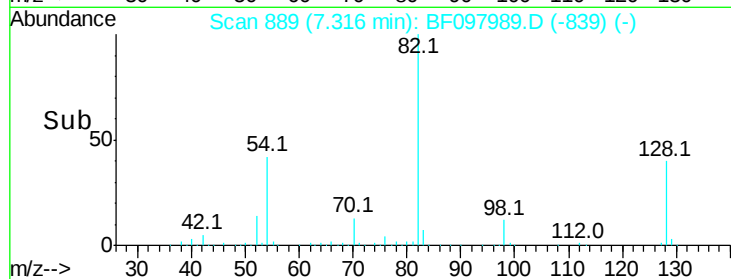
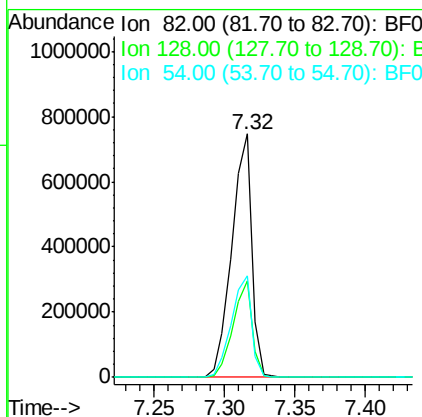
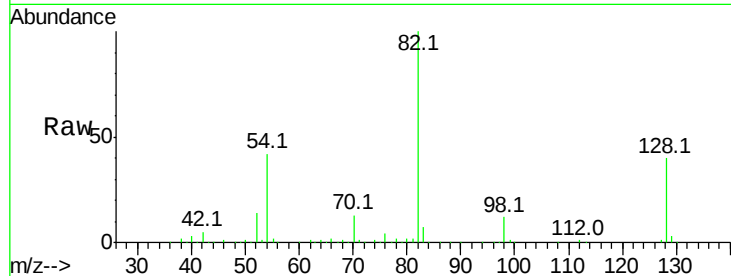




#23
 Nitrobenzene-d5
 Concen: 88.924 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097989.D
 Acq: 23 Aug 2017 8:25

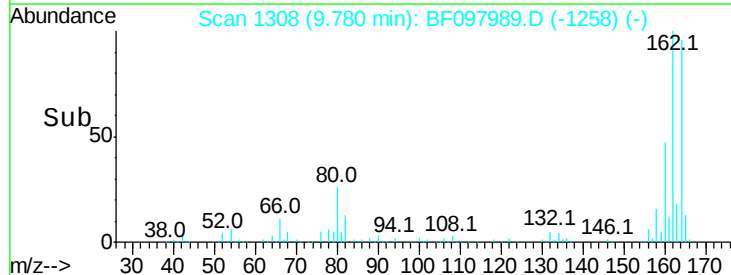
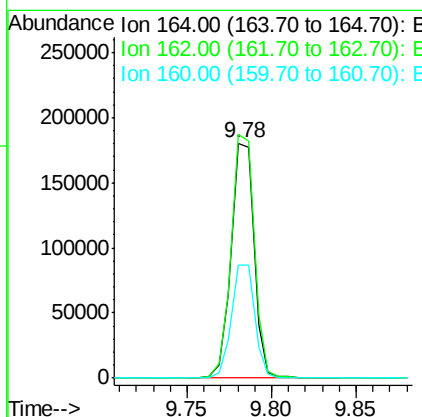
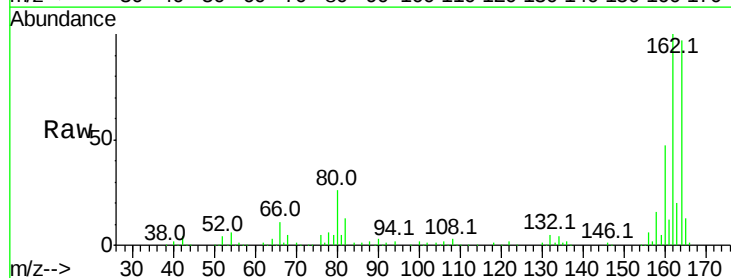
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE2-3-12-COMP

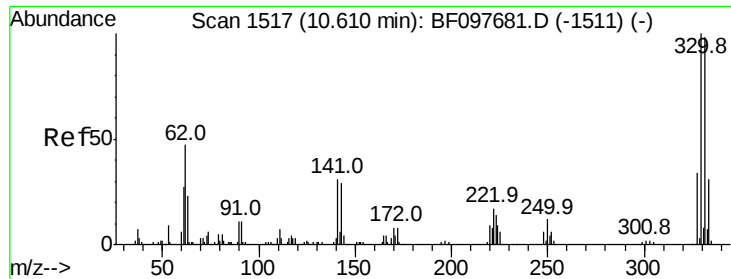
Tot Ion: 82 Resp: 735723
 Ion Ratio Lower Upper
 82 100
 128 39.8 34.0 51.0
 54 41.6 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097989.D
 Acq: 23 Aug 2017 8:25

Tgt Ion: 164 Resp: 169828
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.6 123.8
 160 48.3 36.2 54.2

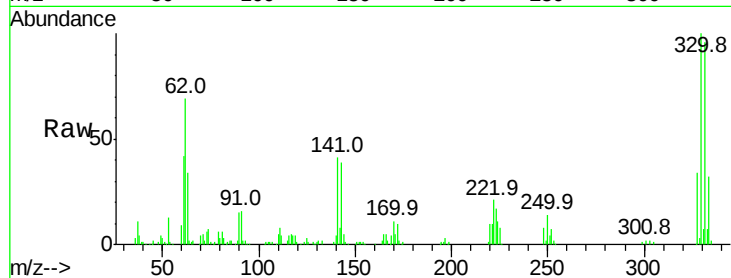




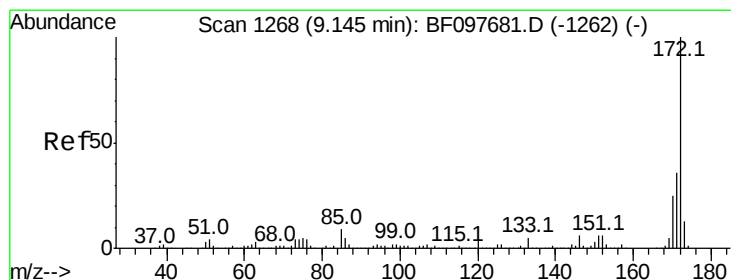
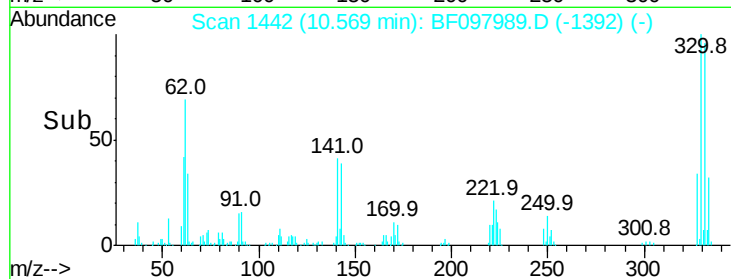
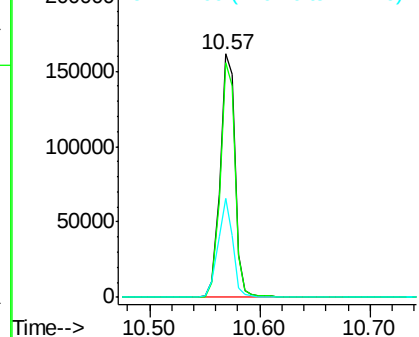
#41
 2,4,6-Tribromophenol
 Concen: 103.133 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097989.D
 Acq: 23 Aug 2017 8:25

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE2-3-12-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	39.2	31.4	47.2

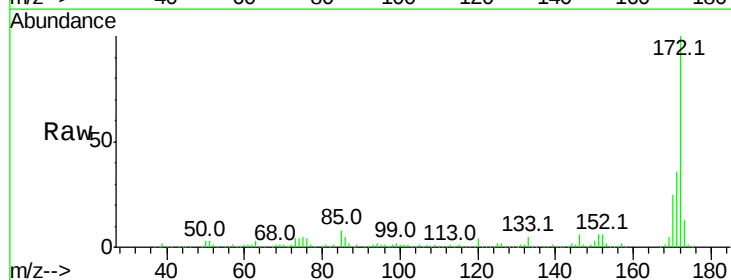


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

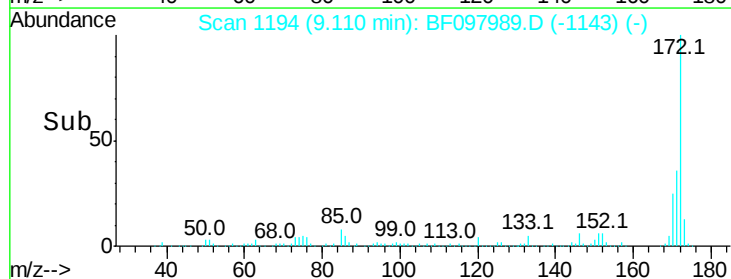
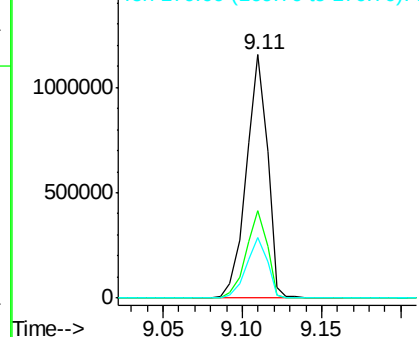


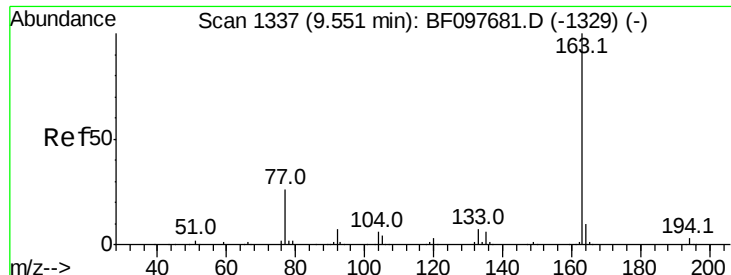
#44
 2-Fluorobiphenyl
 Concen: 92.221 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097989.D
 Acq: 23 Aug 2017 8:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.8	19.8	29.8



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

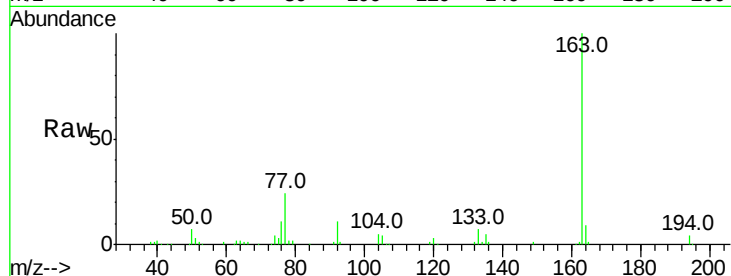




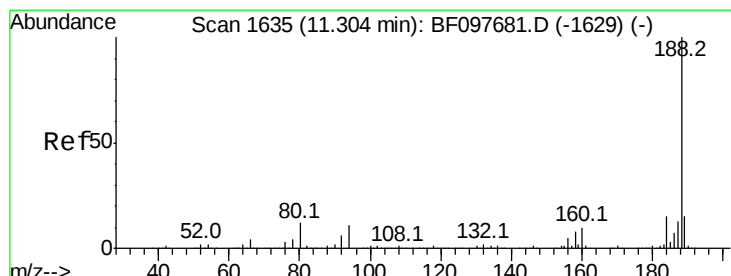
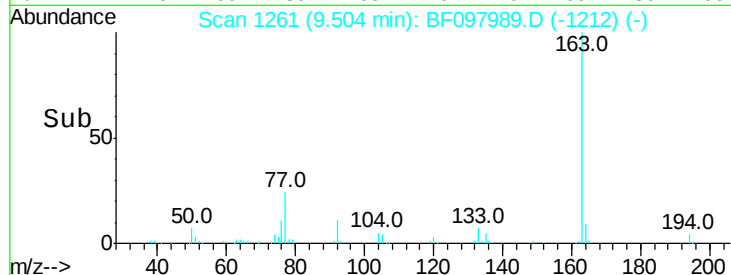
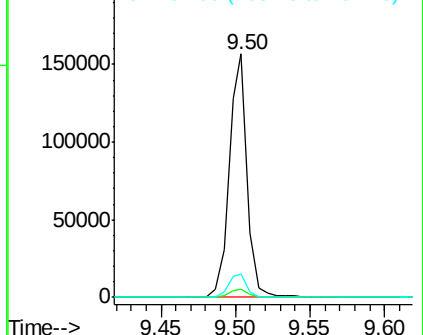
#49
Dimethylphthalate
Concen: 10.643 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097989.D
Acq: 23 Aug 2017 8:25

Instrument :
BNA_F
ClientSampleId :
TEC-BE2-3-12-COMP

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.4	8.4	12.6

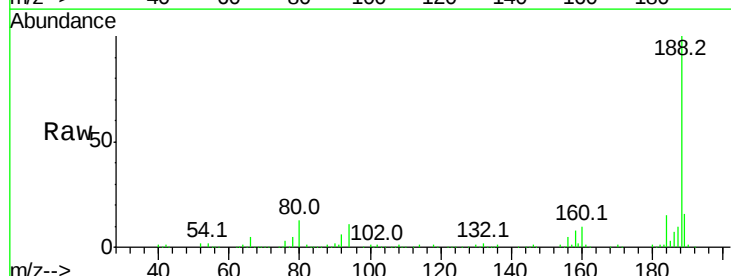


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

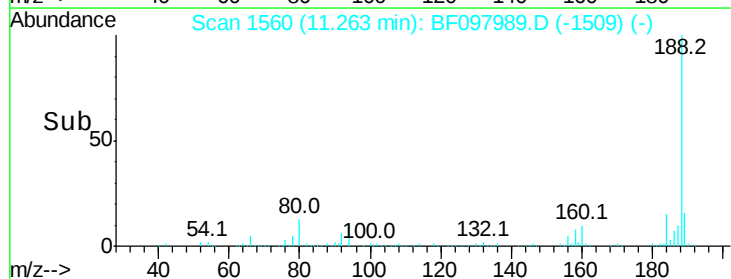
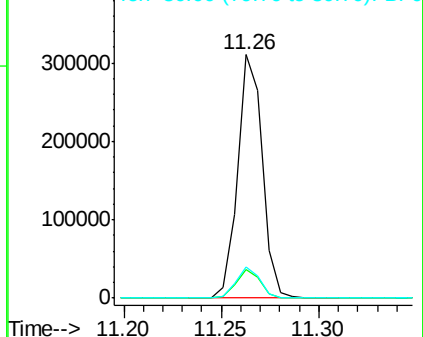


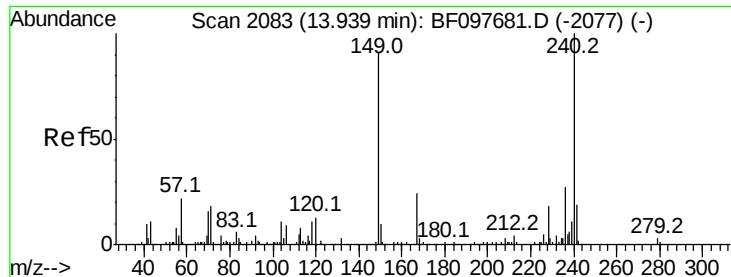
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF097989.D
Acq: 23 Aug 2017 8:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.9	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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF097989.D

Acq: 23 Aug 2017 8:25

Instrument :

BNA_F

ClientSampleId :

TEC-BE2-3-12-COMP

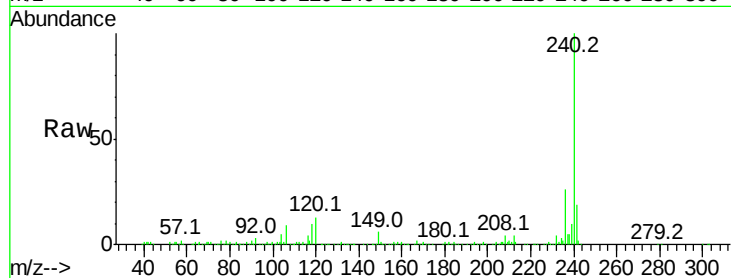
Tot Ion:240 Resp: 259400

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

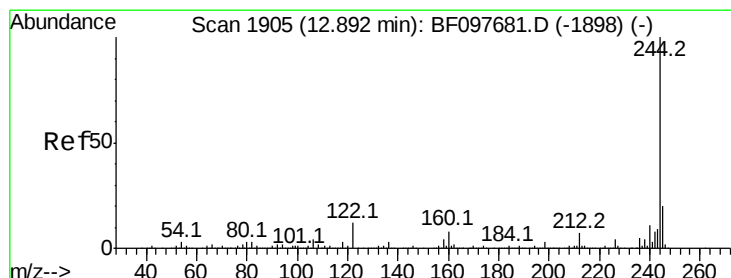
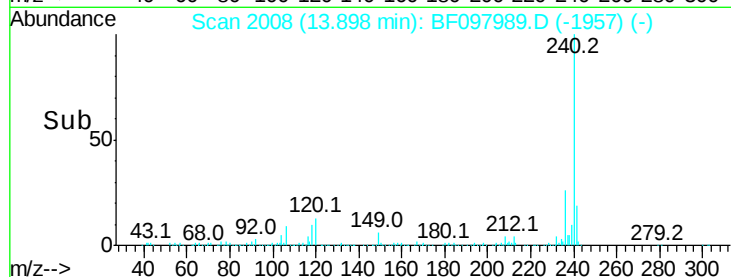
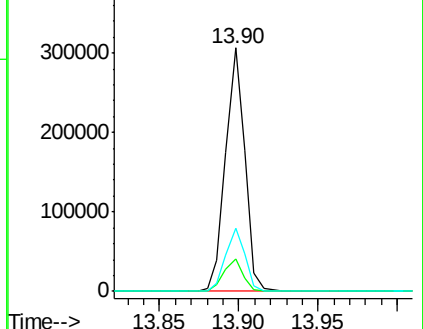
236 26.2 20.5 30.7



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



#78

Terphenyl-d14

Concen: 58.929 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097989.D

Acq: 23 Aug 2017 8:25

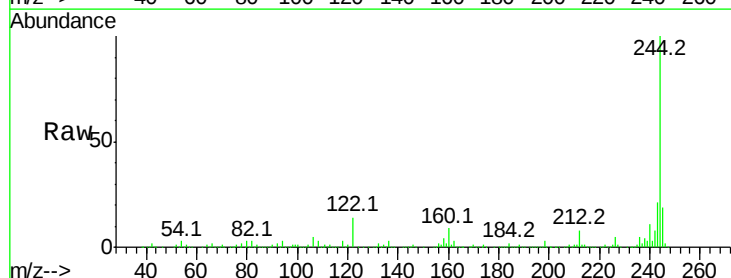
Tgt Ion:244 Resp: 733038

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

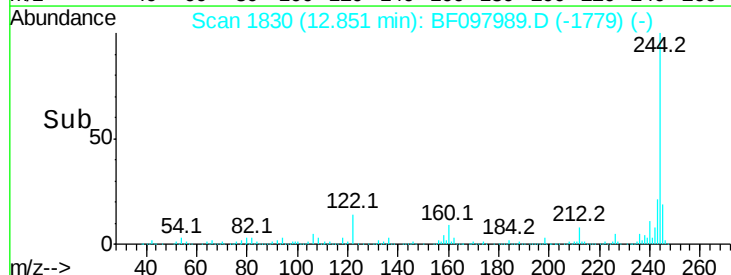
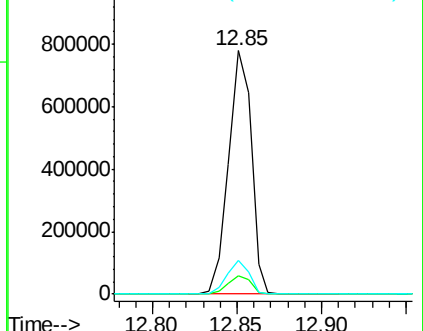
122 13.7 10.3 15.5

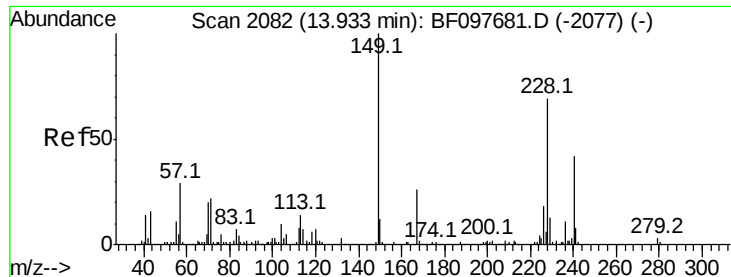


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 7.601 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF097989.D

Acq: 23 Aug 2017 8:25

Instrument :

BNA_F

ClientSampleId :

TEC-BE2-3-12-COMP

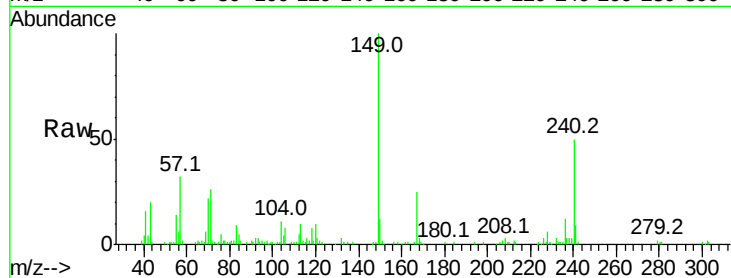
Tot Ion:149 Resp: 68513

Ion Ratio Lower Upper

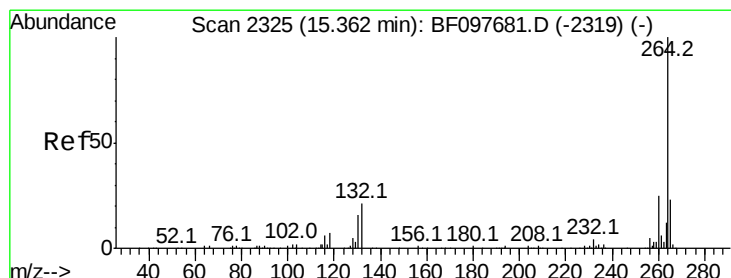
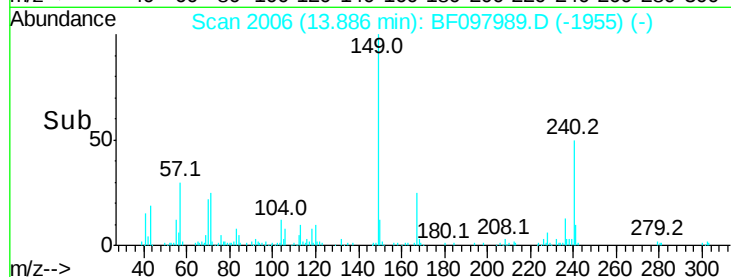
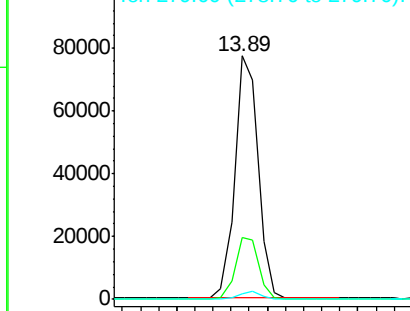
149 100

167 25.2 21.0 31.4

279 2.2 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BF097989.D

Acq: 23 Aug 2017 8:25

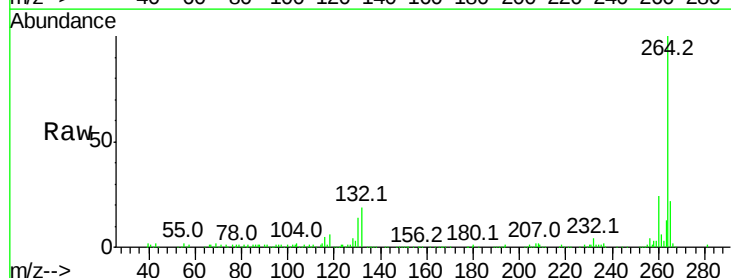
Tgt Ion:264 Resp: 185393

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.7 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

