

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097927.D
 Acq On : 22 Aug 2017 1:25
 Operator : SJ/JU
 Sample : I4890-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-SAND-7

Quant Time: Aug 22 06:45:42 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

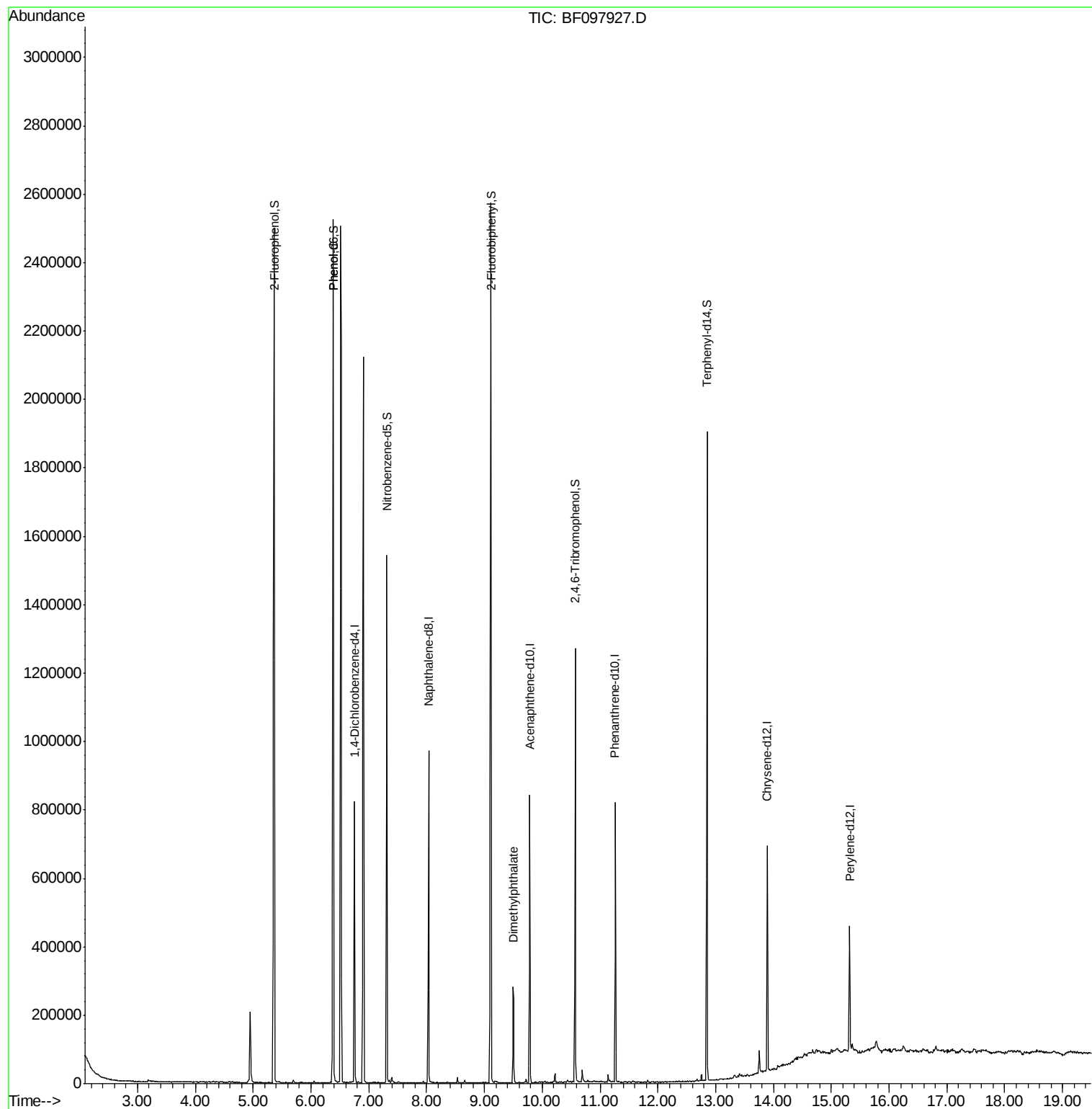
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	108241	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	411364	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	154788	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	256306	20.00	ng	0.00
75) Chrysene-d12	13.90	240	226979	20.00	ng	0.00
86) Perylene-d12	15.32	264	158203	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	726886	102.15	ng	0.01
7) Phenol-d6	6.39	99	949383	98.19	ng	0.00
23) Nitrobenzene-d5	7.31	82	550115	72.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	120686	89.86	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	765102	72.62	ng	0.00
78) Terphenyl-d14	12.85	244	542717	49.86	ng	0.00
Target Compounds						
10) Phenol	6.39	94	30182	2.669	ng	85
49) Dimethylphthalate	9.50	163	98489	8.705	ng	99

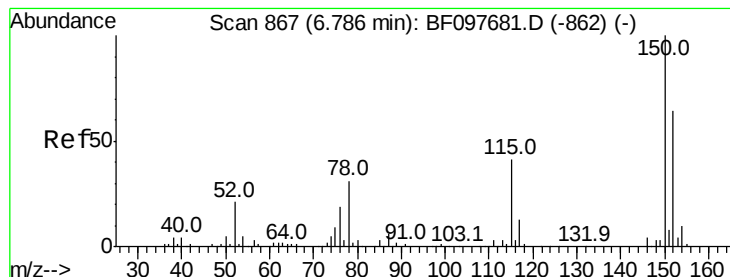
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF097927.D

Acq: 22 Aug 2017 1:25

Instrument :

BNA_F

ClientSampleId :

CLEAN-SAND-7

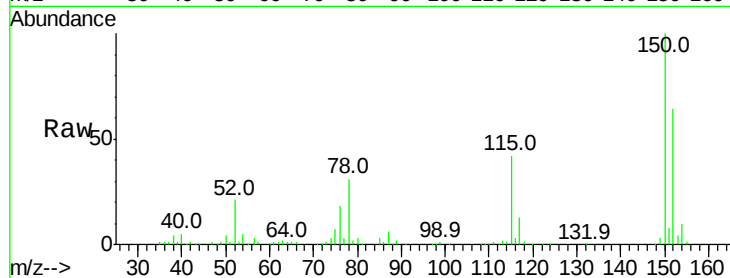
Tot Ion:152 Resp: 108241

Ion Ratio Lower Upper

152 100

150 156.0 126.2 189.2

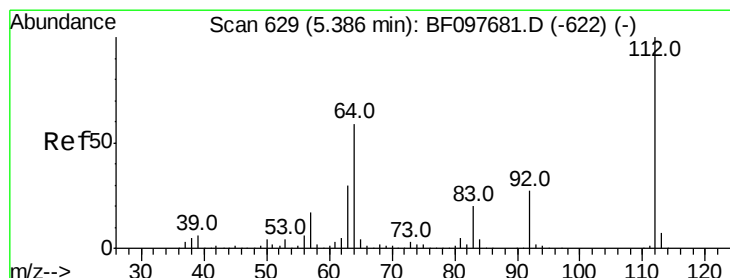
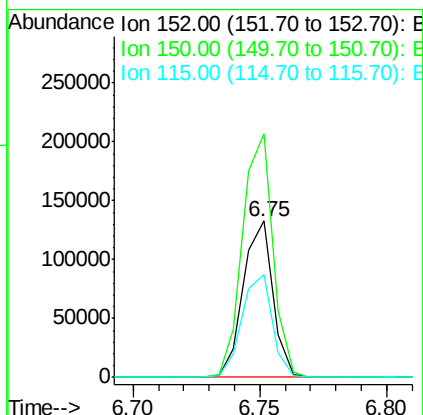
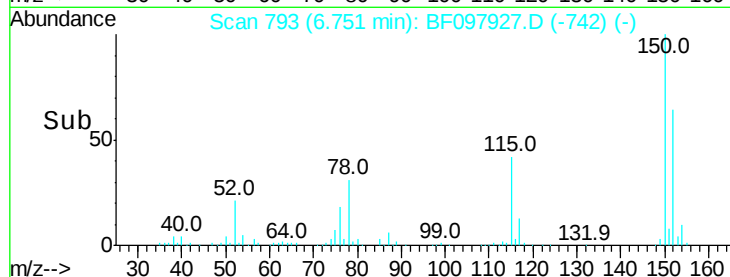
115 65.8 52.2 78.2



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: 102.147 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF097927.D

Acq: 22 Aug 2017 1:25

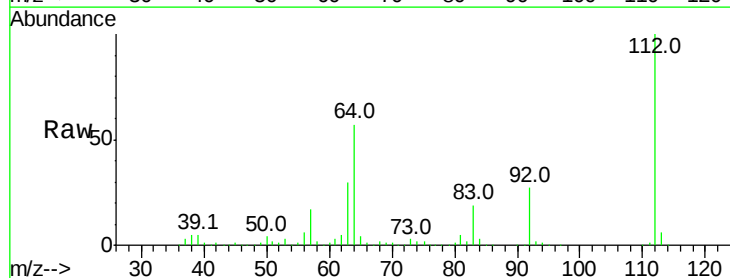
Tgt Ion:112 Resp: 726886

Ion Ratio Lower Upper

112 100

64 57.1 46.0 69.0

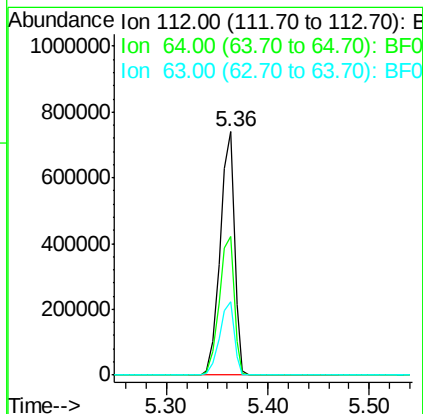
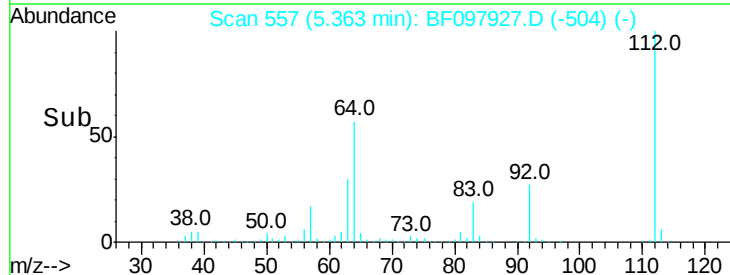
63 29.9 23.4 35.0

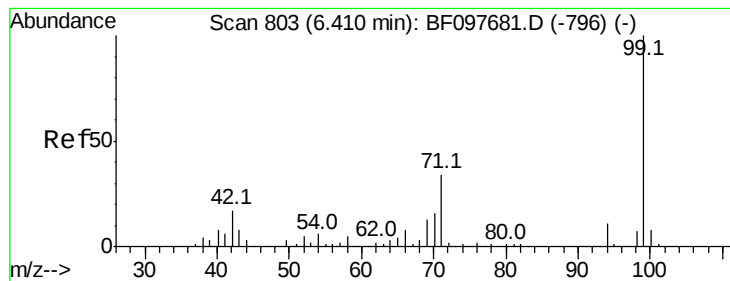


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.191 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097927.D

Acq: 22 Aug 2017 1:25

Instrument :

BNA_F

ClientSampleId :

CLEAN-SAND-7

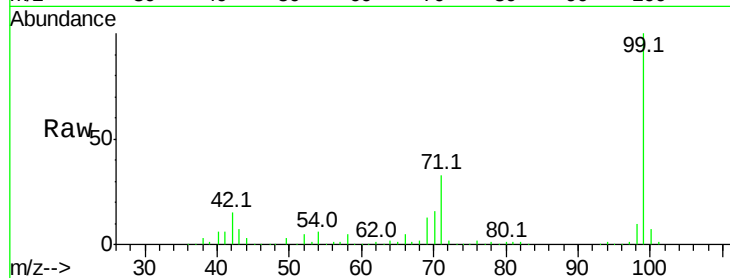
Tot Ion: 99 Resp: 949383

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

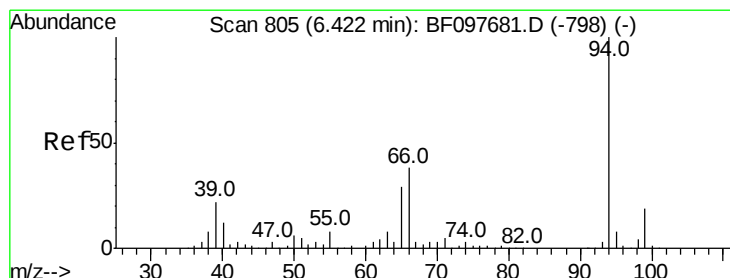
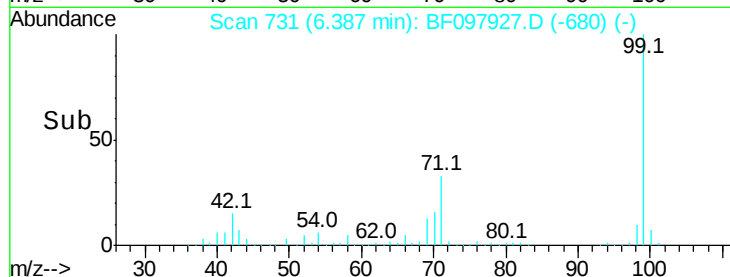
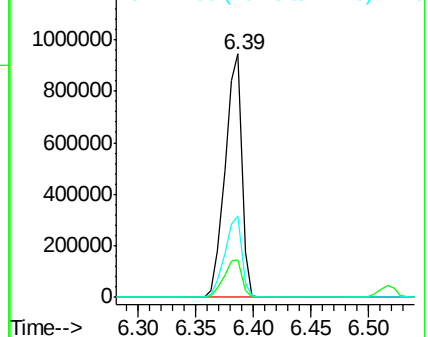
71 33.0 24.5 36.7



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



#10

Phenol

Concen: 2.669 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097927.D

Acq: 22 Aug 2017 1:25

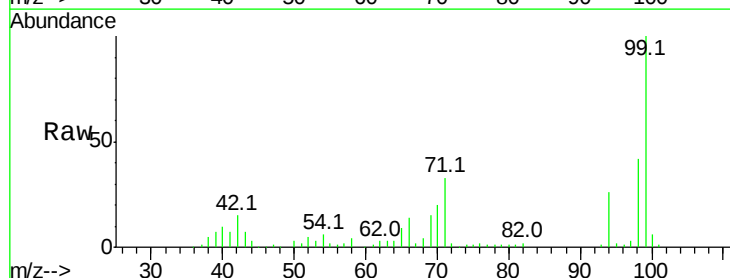
Tgt Ion: 94 Resp: 30182

Ion Ratio Lower Upper

94 100

65 34.9 9.9 49.9

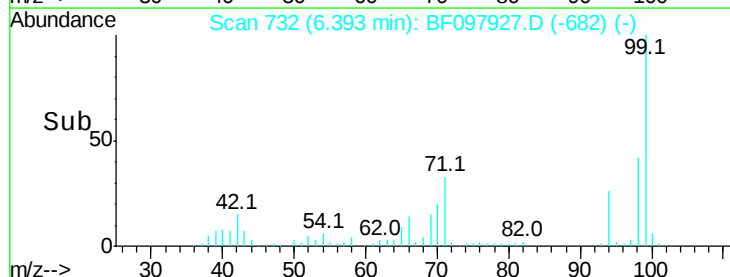
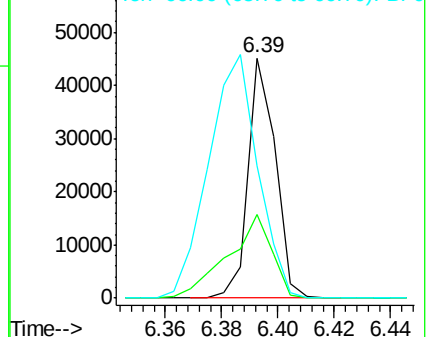
66 55.3 23.1 63.1

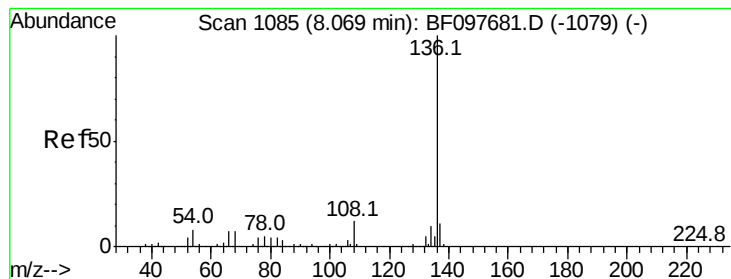


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097927.D

Acq: 22 Aug 2017 1:25

Instrument :

BNA_F

ClientSampleId :

CLEAN-SAND-7

Tot Ion:136 Resp: 411364

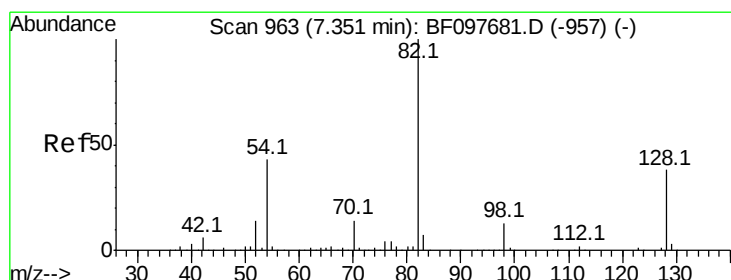
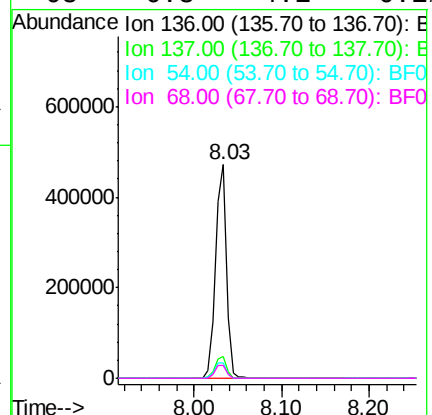
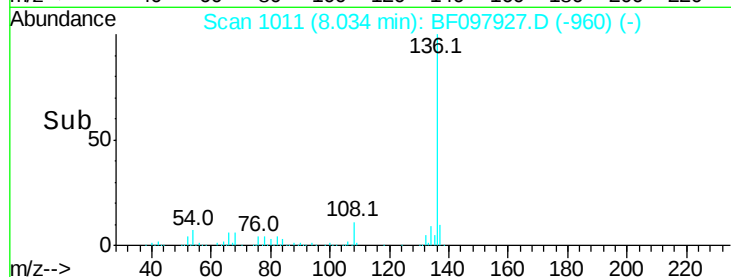
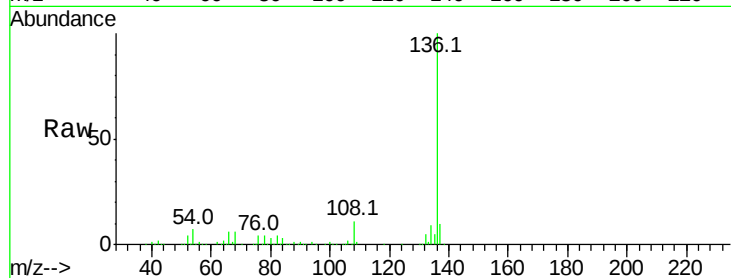
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 7.0 4.9 7.3

68 6.3 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 72.648 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF097927.D

Acq: 22 Aug 2017 1:25

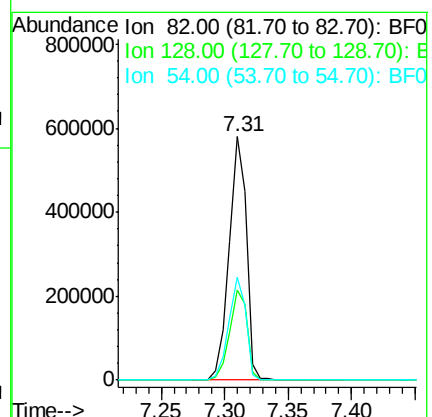
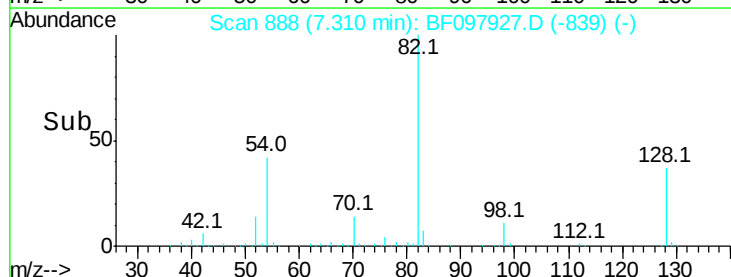
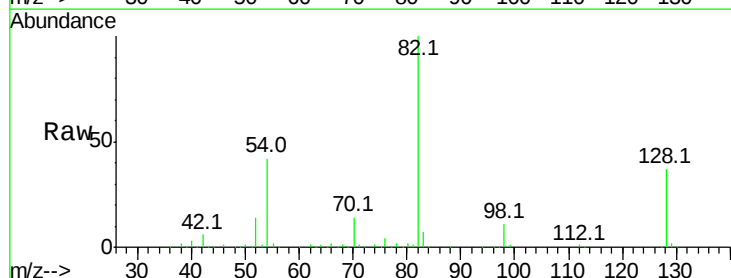
Tgt Ion: 82 Resp: 550115

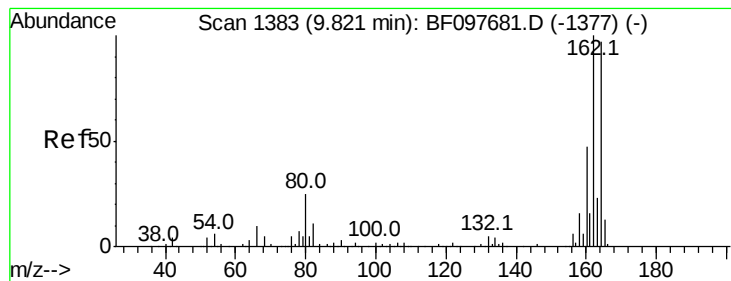
Ion Ratio Lower Upper

82 100

128 36.7 34.0 51.0

54 42.1 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: BF097927.D

Acq: 22 Aug 2017 1:25

Instrument :

BNA_F

ClientSampleId :

CLEAN-SAND-7

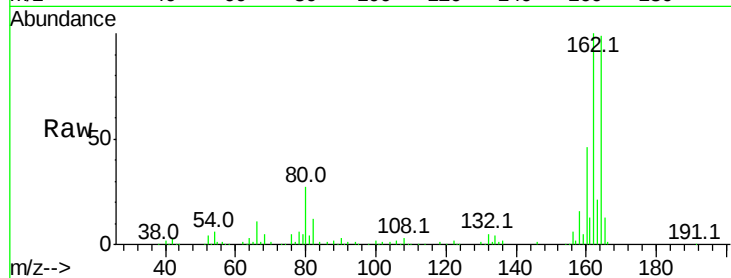
Tot Ion:164 Resp: 154788

Ion Ratio Lower Upper

164 100

162 100.7 82.6 123.8

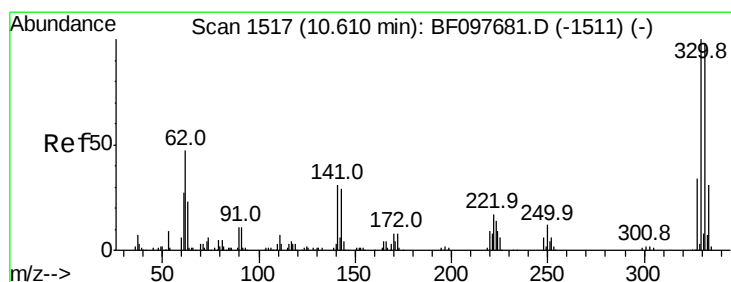
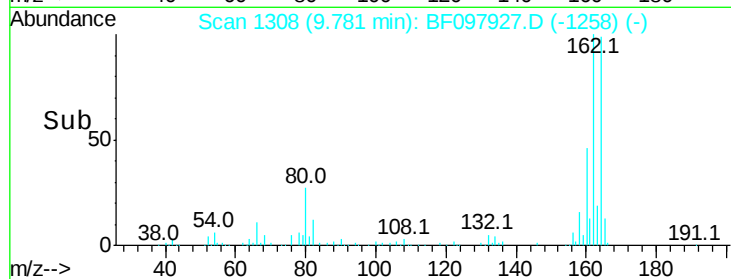
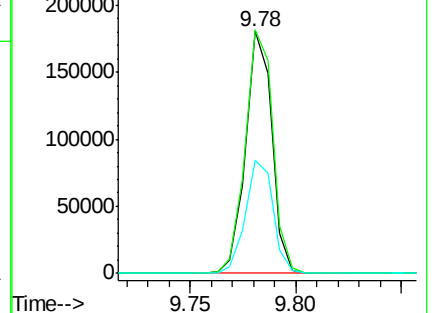
160 46.6 36.2 54.2



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: 89.860 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF097927.D

Acq: 22 Aug 2017 1:25

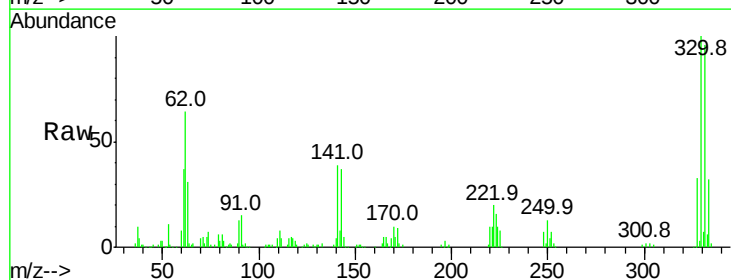
Tgt Ion:330 Resp: 120686

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

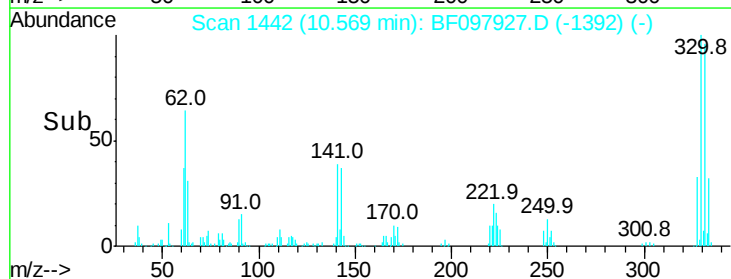
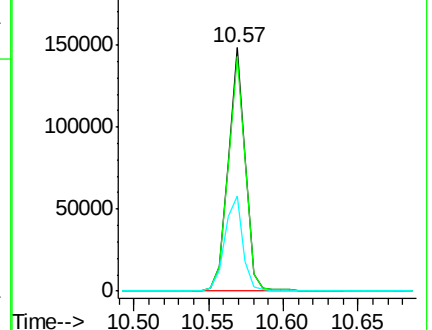
141 41.4 31.4 47.2

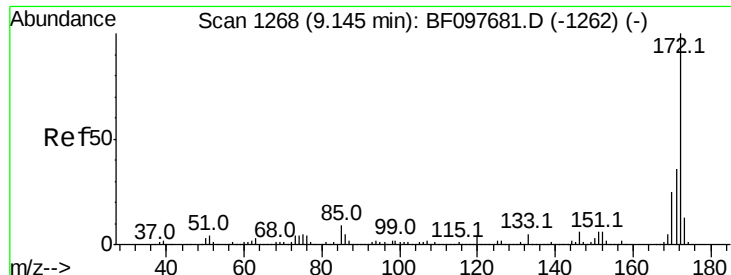


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

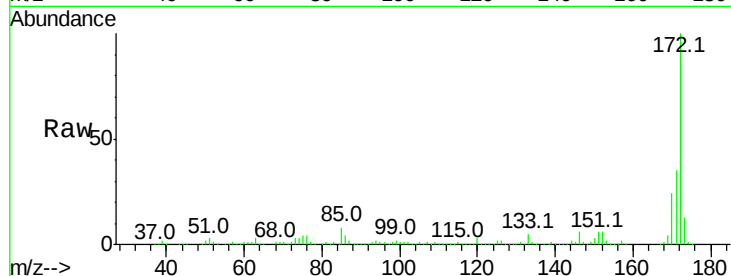




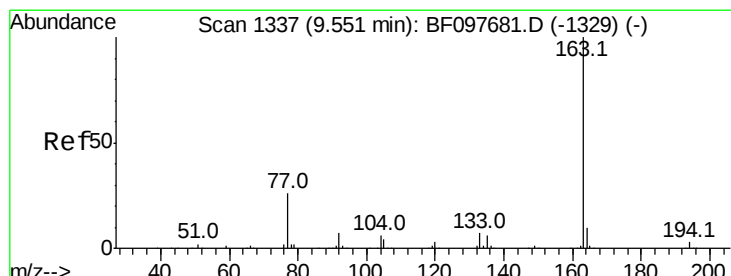
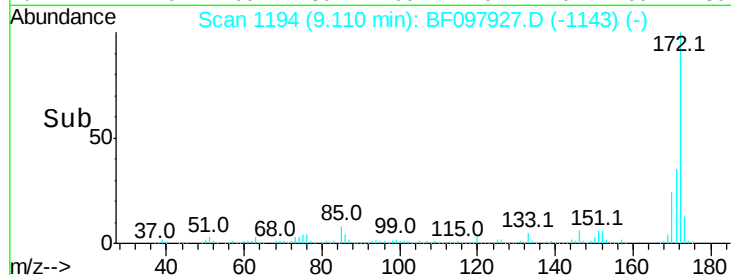
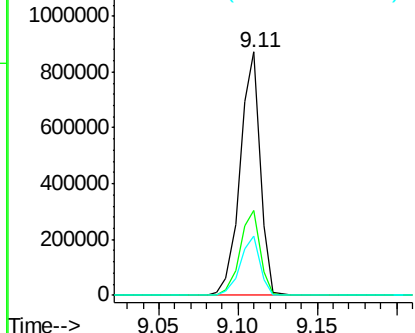
#44
 2-Fluorobiphenyl
 Concen: 72.621 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097927.D
 Acq: 22 Aug 2017 1:25

Instrument :
 BNA_F
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 CLEAN-SAND-7

Tot Ion:172	Resp:	765102
Ion	Ratio	Lower Upper
172	100	
171	35.1	29.6 44.4
170	24.3	19.8 29.8

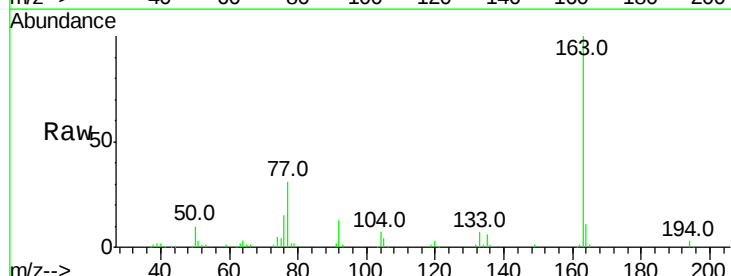


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

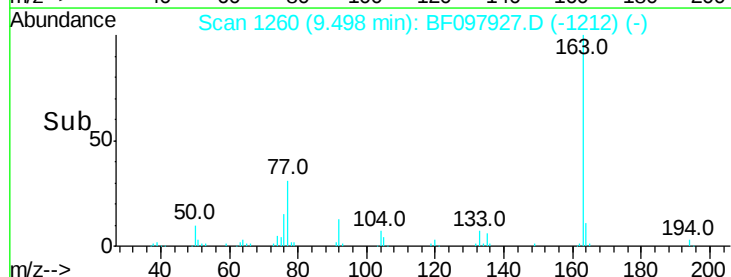
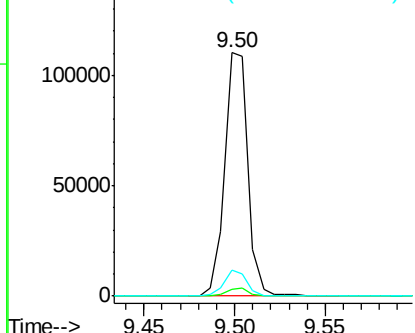


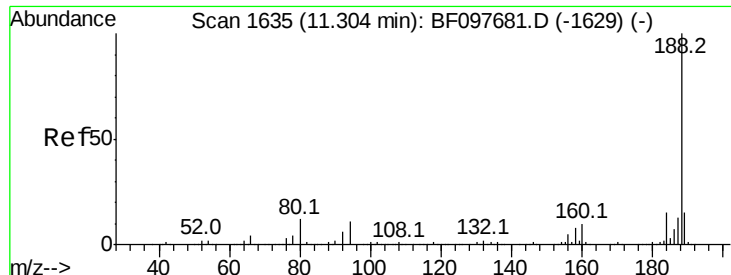
#49
 Dimethylphthalate
 Concen: 8.705 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF097927.D
 Acq: 22 Aug 2017 1:25

Tgt Ion:163	Resp:	98489
Ion	Ratio	Lower Upper
163	100	
194	3.0	2.6 4.0
164	10.8	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: BF097927.D

Acq: 22 Aug 2017 1:25

Instrument :

BNA_F

ClientSampleId :

CLEAN-SAND-7

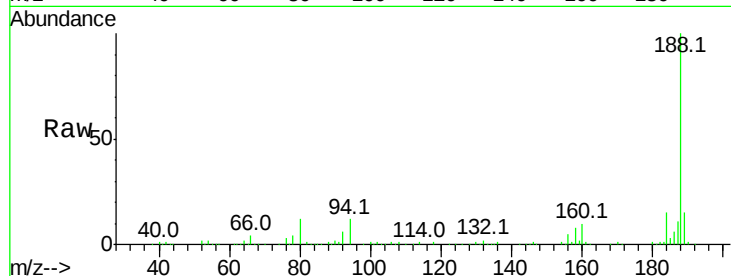
Tot Ion:188 Resp: 256306

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

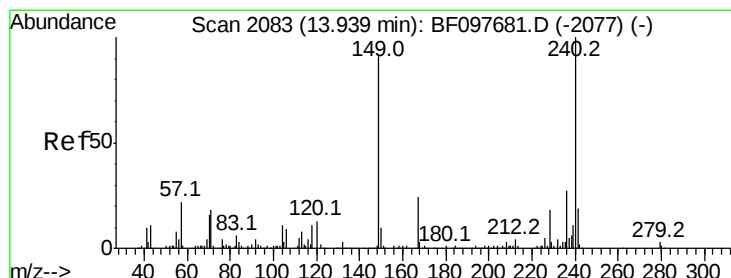
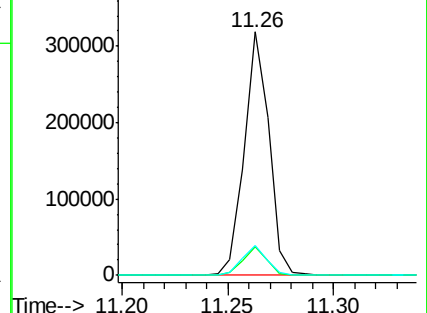
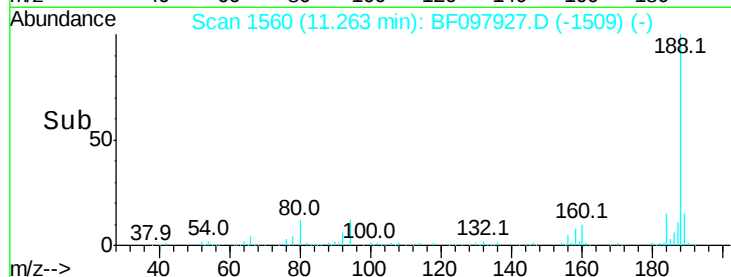
80 12.5 10.2 15.2



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: BF097927.D

Acq: 22 Aug 2017 1:25

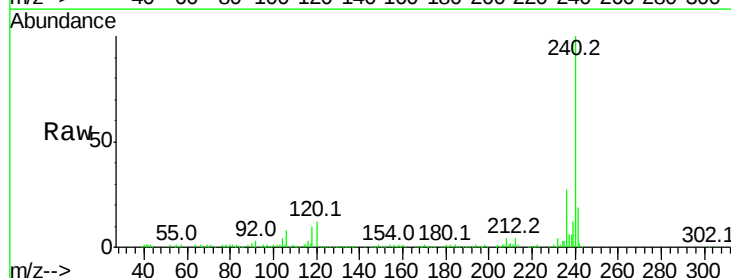
Tgt Ion:240 Resp: 226979

Ion Ratio Lower Upper

240 100

120 11.7 5.8 8.8#

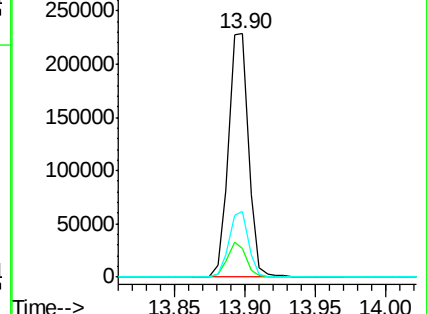
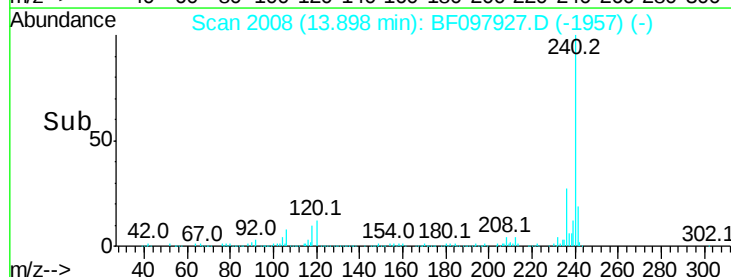
236 26.8 20.5 30.7

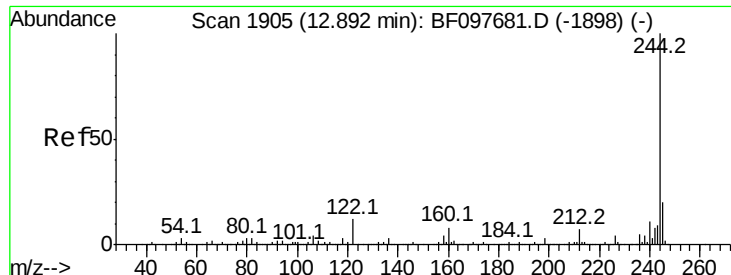


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 49.861 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097927.D

Acq: 22 Aug 2017 1:25

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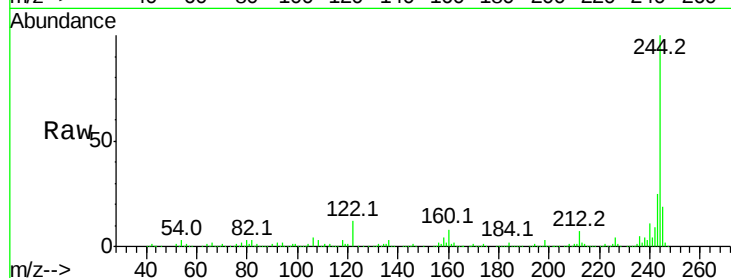
Tot Ion:244 Resp: 542717

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

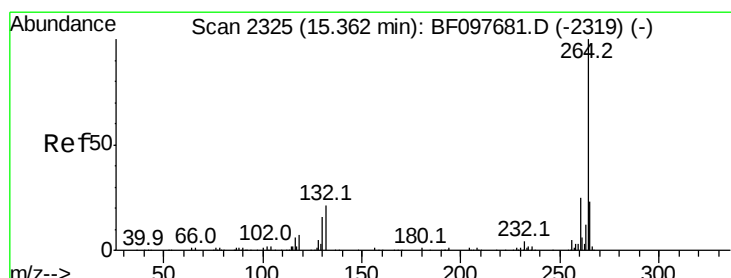
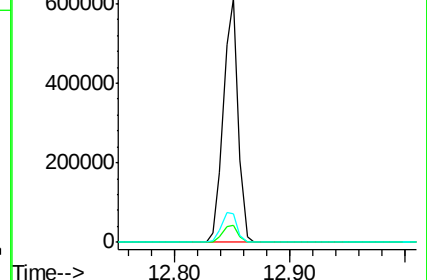
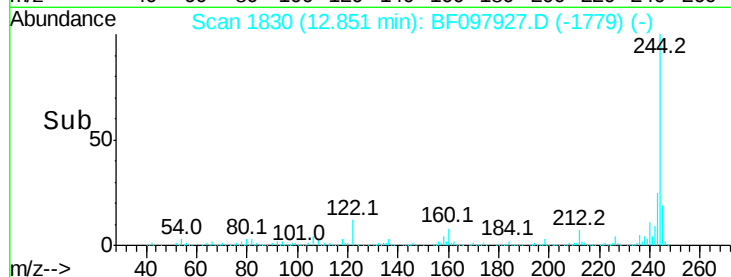
122 12.0 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF097927.D

Acq: 22 Aug 2017 1:25

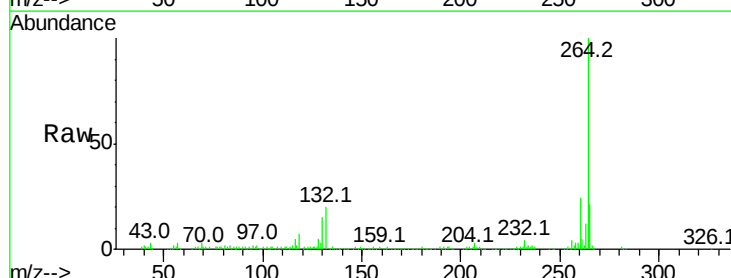
Tgt Ion:264 Resp: 158203

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 20.9 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

