

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097727.D
 Acq On : 16 Aug 2017 8:43
 Operator : SJ/JU
 Sample : I4703-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-G9-WSW

Quant Time: Aug 16 09:08:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

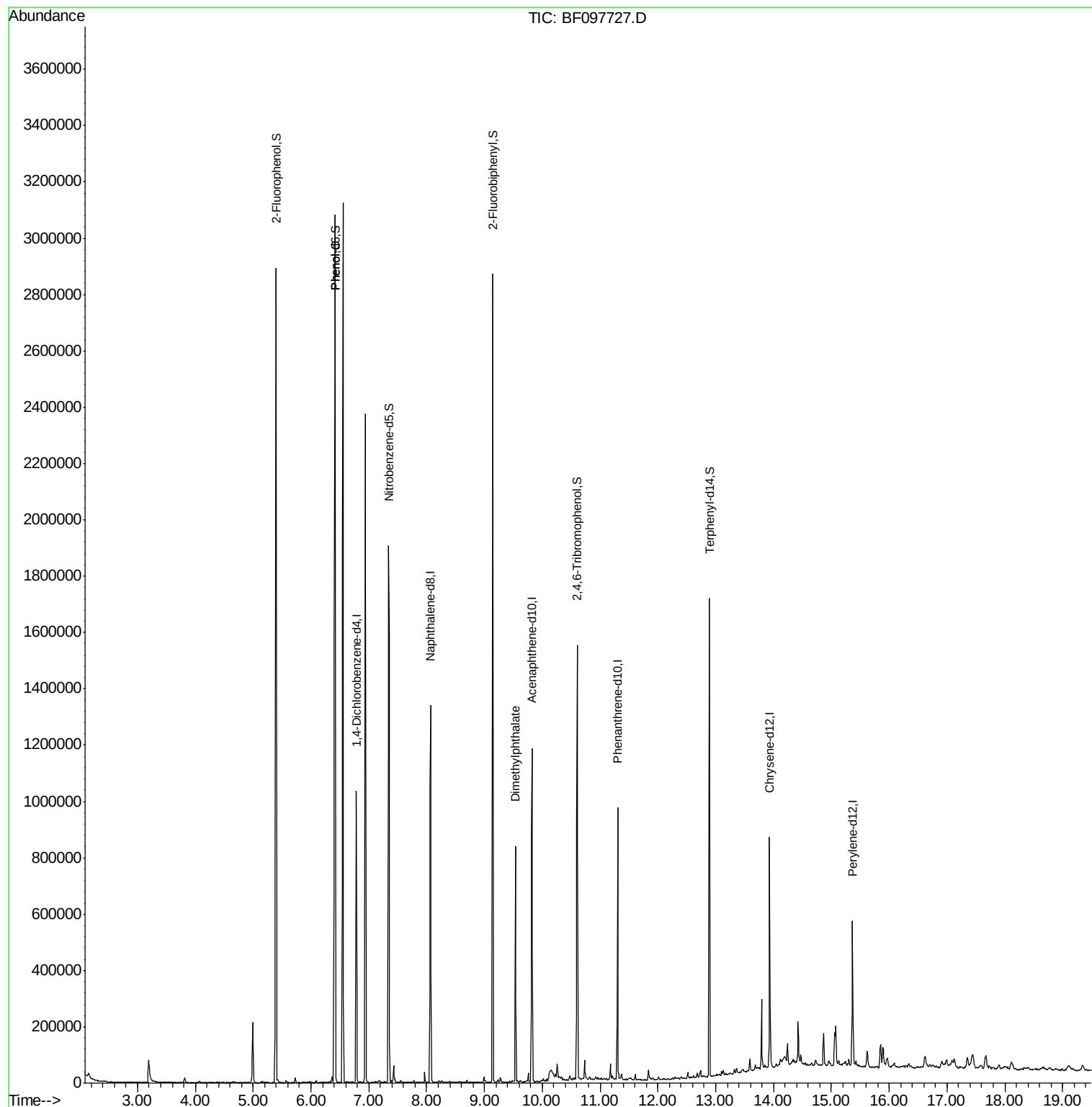
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	136642	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	528633	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	204019	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	307970	20.00	ng	0.00
75) Chrysene-d12	13.94	240	279662	20.00	ng	0.00
86) Perylene-d12	15.37	264	216840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	893363	99.45	ng	0.01
7) Phenol-d6	6.42	99	1179791	96.66	ng	0.00
23) Nitrobenzene-d5	7.35	82	709325	72.89	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	142780	80.66	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	783960	56.46	ng	0.00
78) Terphenyl-d14	12.89	244	495943	36.98	ng	0.00
Target Compounds						
10) Phenol	6.42	94	40940	2.868	ng	Qvalue # 75
49) Dimethylphthalate	9.54	163	265624	17.811	ng	99

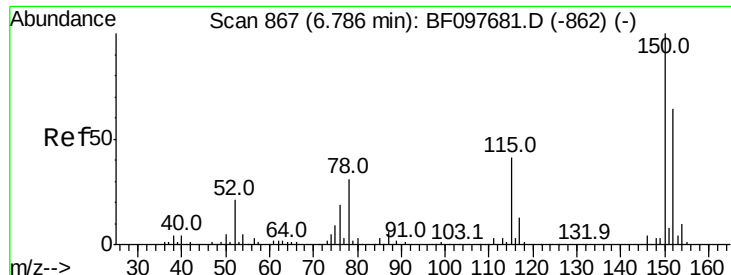
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF097727.D

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ClientSampleId :

E2-G9-WSW

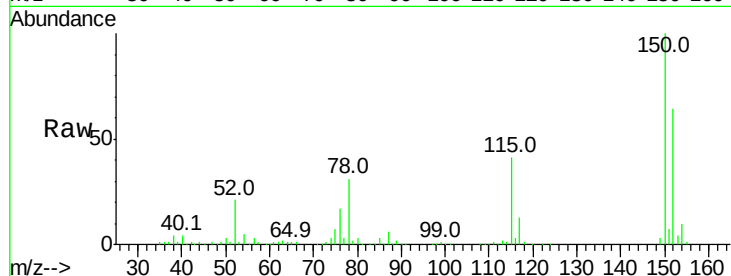
Tot Ion:152 Resp: 136642

Ion Ratio Lower Upper

152 100

150 157.4 126.2 189.2

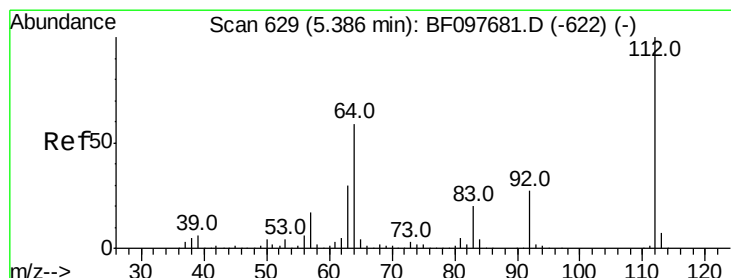
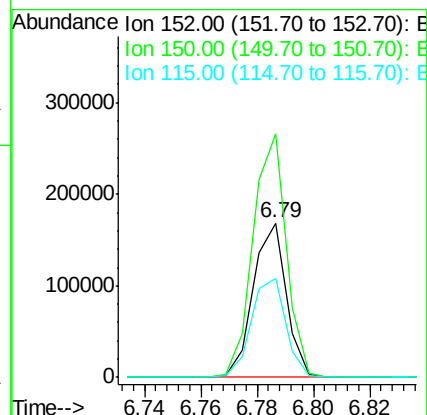
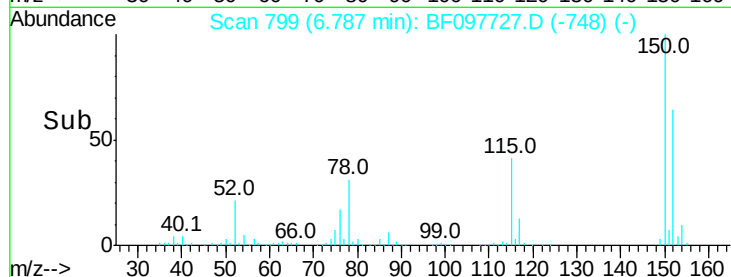
115 64.2 52.2 78.2



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: 99.448 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF097727.D

Acq: 16 Aug 2017 8:43

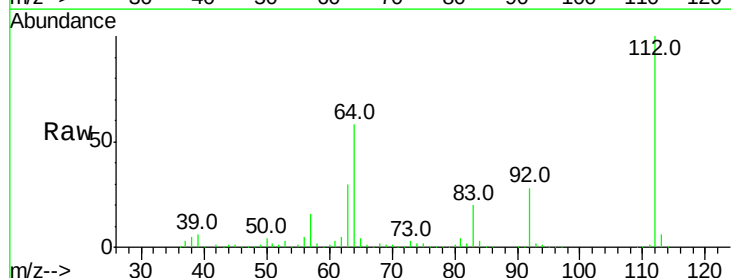
Tgt Ion:112 Resp: 893363

Ion Ratio Lower Upper

112 100

64 57.8 46.0 69.0

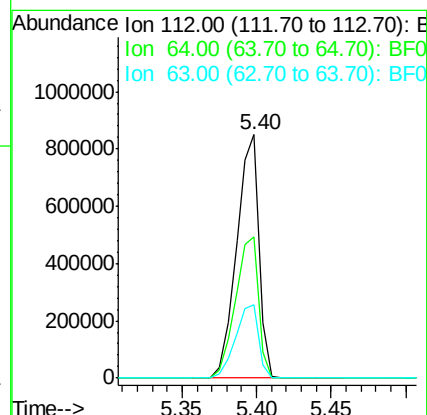
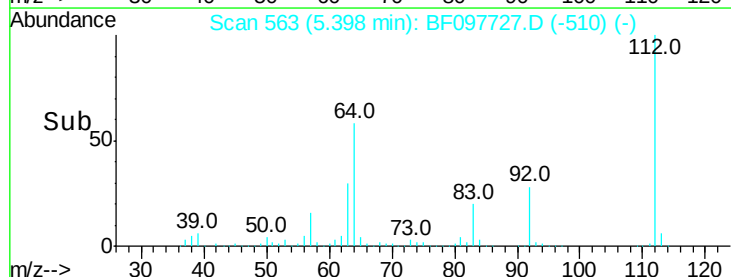
63 30.2 23.4 35.0

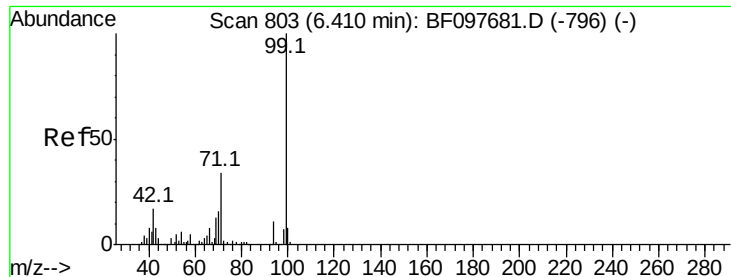


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.659 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097727.D

Acq: 16 Aug 2017 8:43

Instrument :

BNA_F

ClientSampleId :

E2-G9-WSW

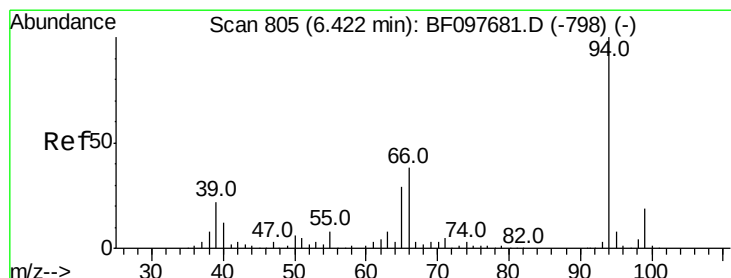
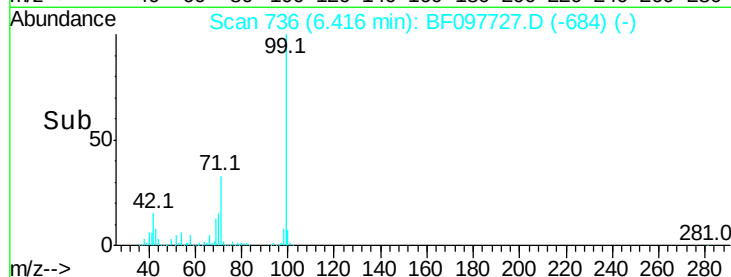
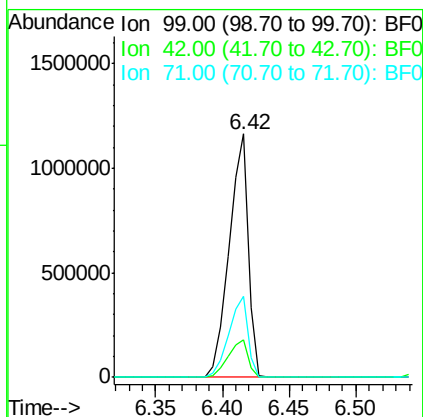
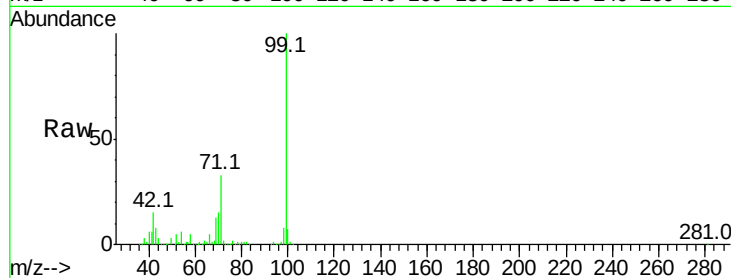
Tot Ion: 99 Resp: 1179791

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

71 33.3 24.5 36.7



#10

Phenol

Concen: 2.868 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF097727.D

Acq: 16 Aug 2017 8:43

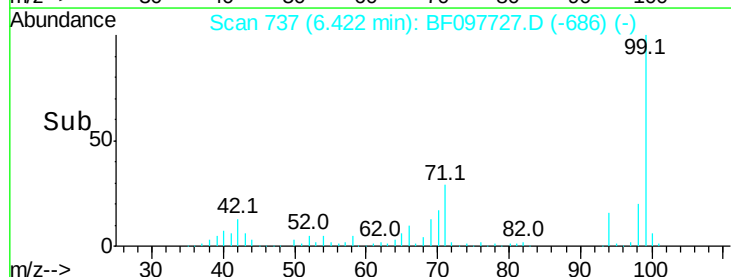
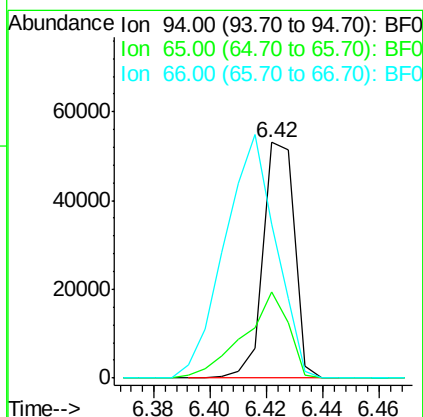
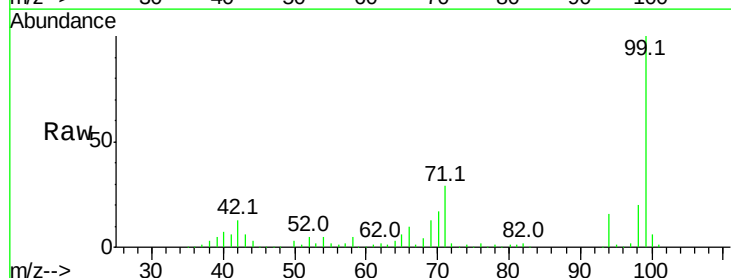
Tgt Ion: 94 Resp: 40940

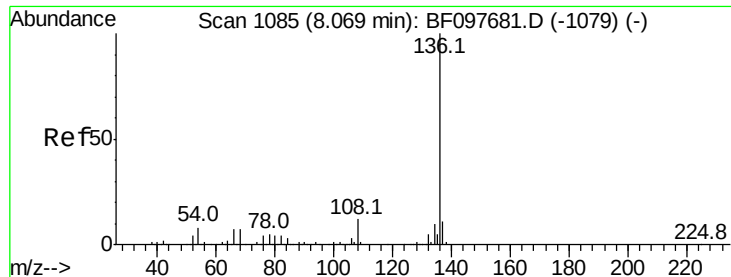
Ion Ratio Lower Upper

94 100

65 36.5 9.9 49.9

66 65.3 23.1 63.1#

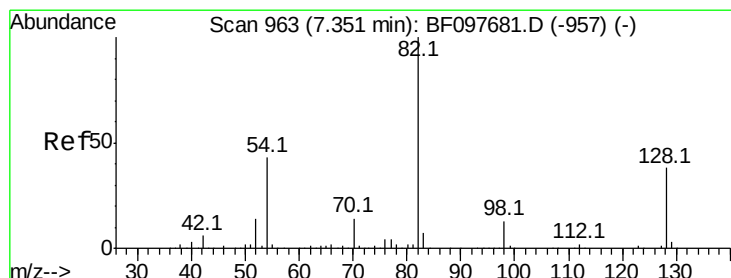
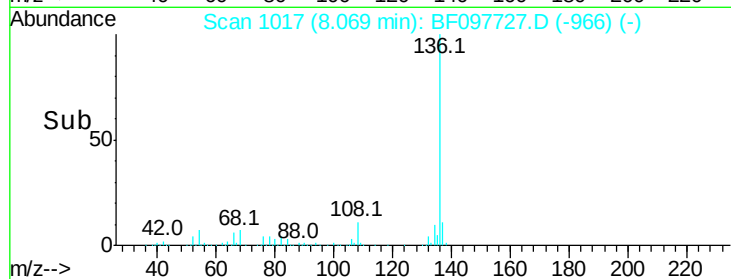
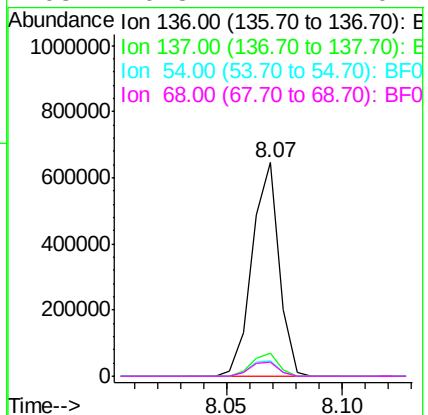
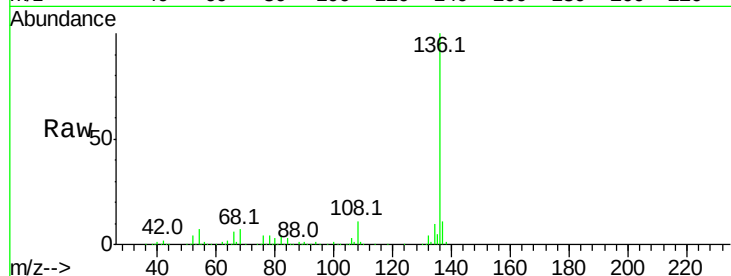




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF097727.D
Acq: 16 Aug 2017 8:43

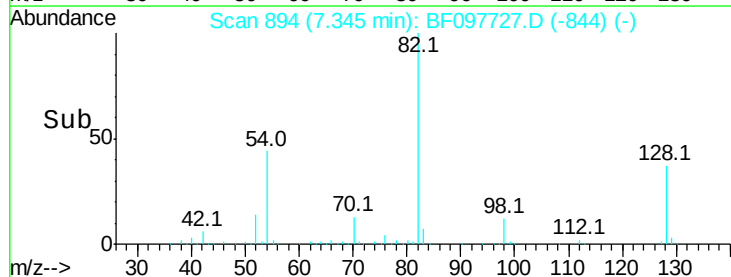
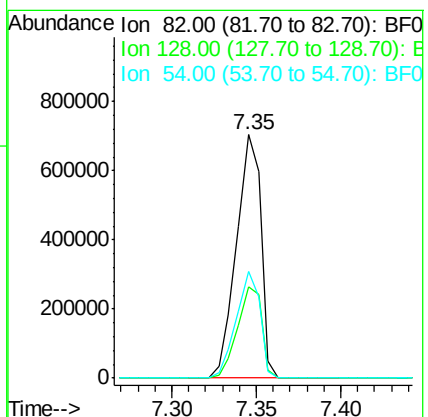
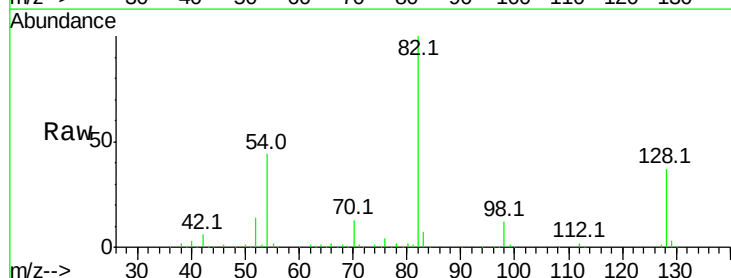
Instrument :
BNA_F
ClientSampleId :
E2-G9-WSW

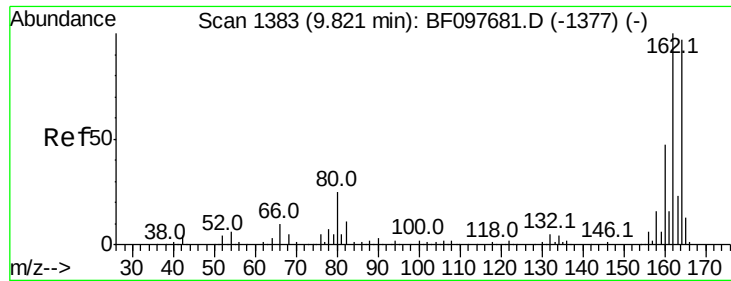
Tot Ion:136	Resp: 528633
Ion Ratio	Lower Upper
136 100	
137 10.6	8.5 12.7
54 7.3	4.9 7.3#
68 6.8	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 72.893 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097727.D
Acq: 16 Aug 2017 8:43

Tgt Ion: 82	Resp: 709325
Ion Ratio	Lower Upper
82 100	
128 37.4	34.0 51.0
54 43.7	42.2 63.2

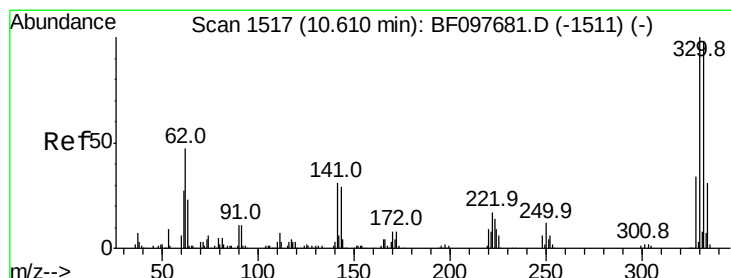
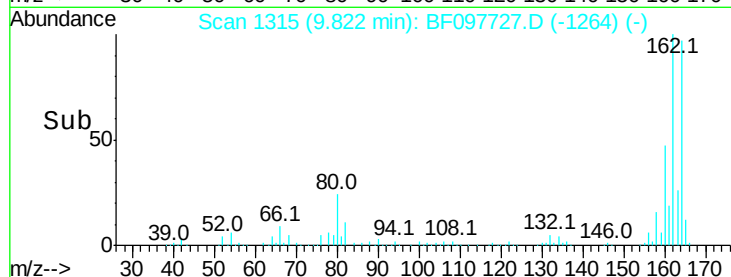
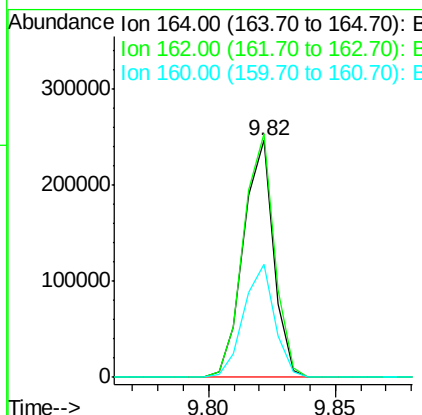
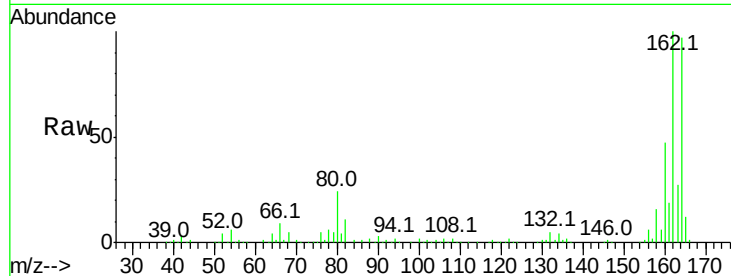




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF097727.D
 Acq: 16 Aug 2017 8:43

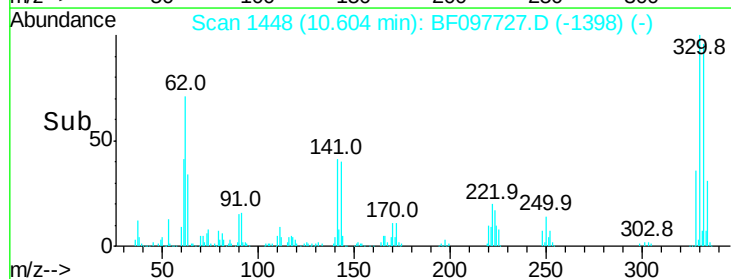
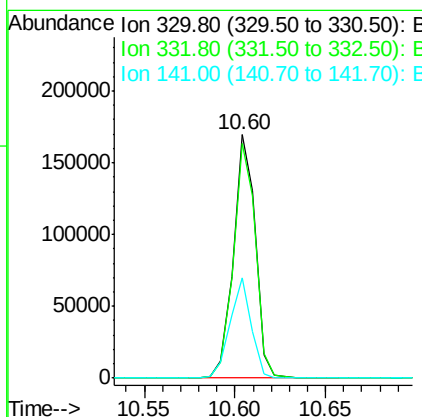
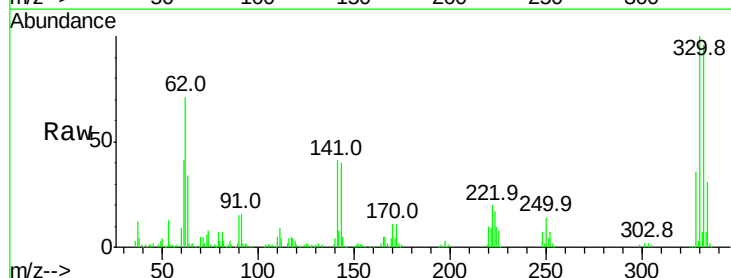
Instrument :
 BNA_F
 ClientSampleId :
 E2-G9-WSW

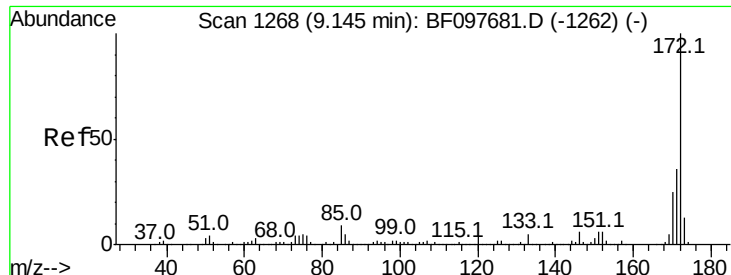
Tot Ion:164 Resp: 204019
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 47.9 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 80.658 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097727.D
 Acq: 16 Aug 2017 8:43

Tgt Ion:330 Resp: 142780
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 40.4 31.4 47.2

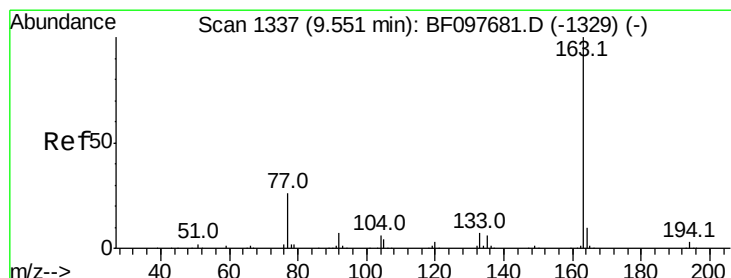
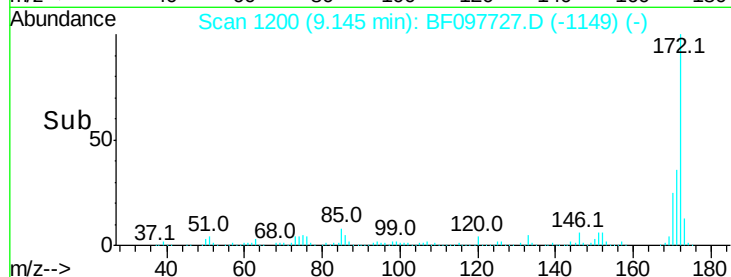
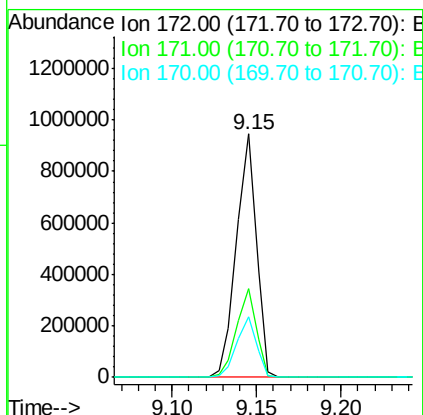
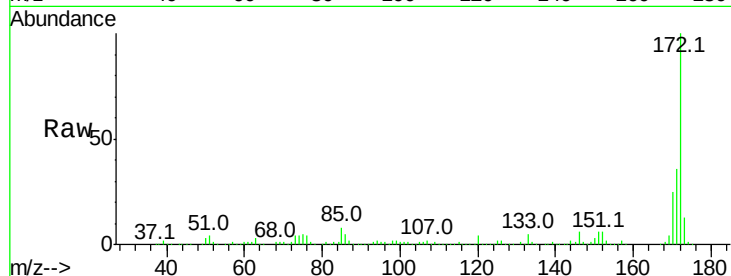




#44
 2-Fluorobiphenyl
 Concen: 56.455 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097727.D
 Acq: 16 Aug 2017 8:43

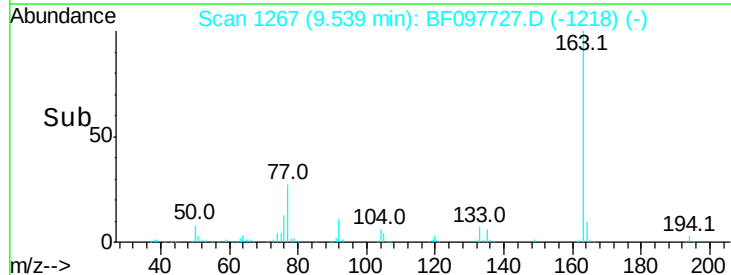
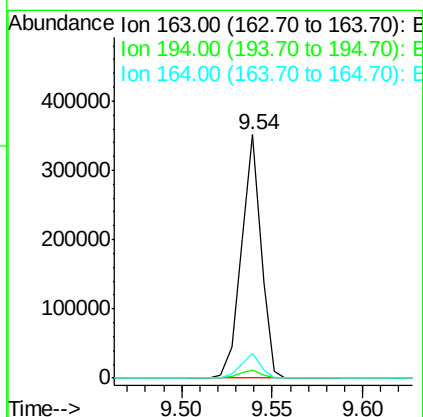
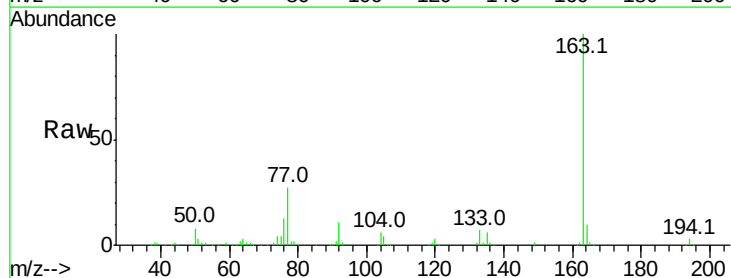
Instrument :
 BNA_F
 ClientSampleId :
 E2-G9-WSW

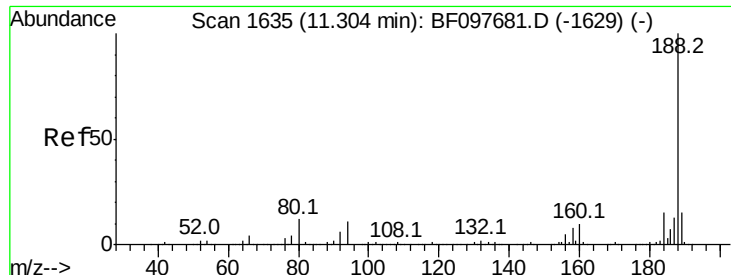
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.6	19.8	29.8



#49
 Dimethylphthalate
 Concen: 17.811 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF097727.D
 Acq: 16 Aug 2017 8:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.1	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BF097727.D

Acq: 16 Aug 2017 8:43

Instrument :

BNA_F

ClientSampleId :

E2-G9-WSW

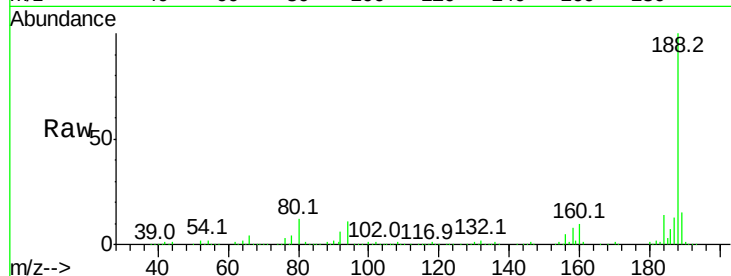
Tot Ion:188 Resp: 307970

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

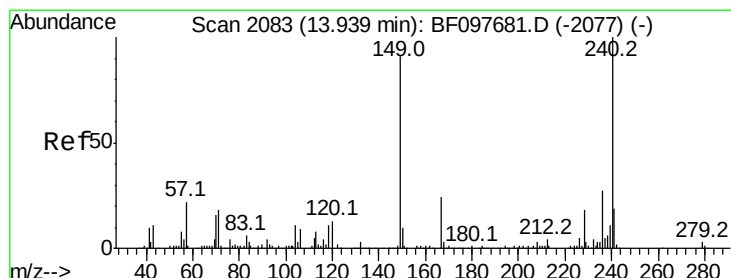
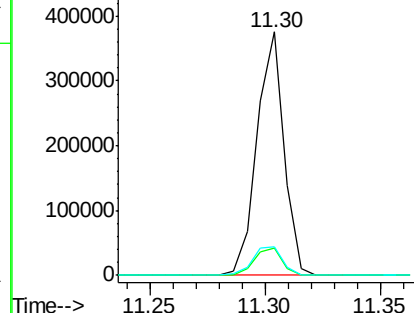
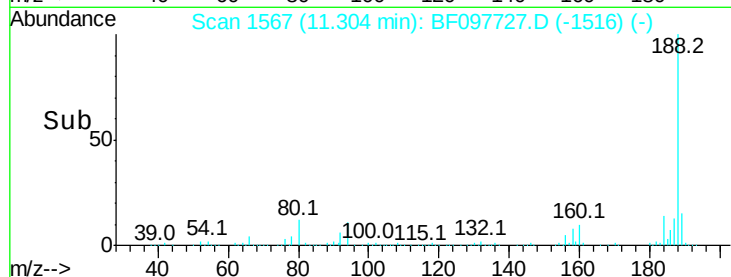
80 11.6 10.2 15.2



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: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF097727.D

Acq: 16 Aug 2017 8:43

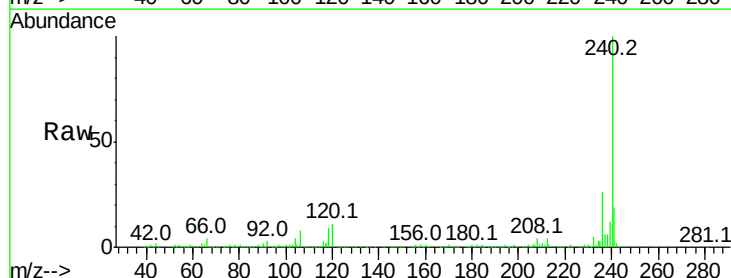
Tgt Ion:240 Resp: 279662

Ion Ratio Lower Upper

240 100

120 11.4 5.8 8.8#

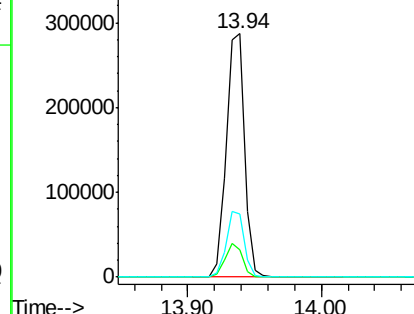
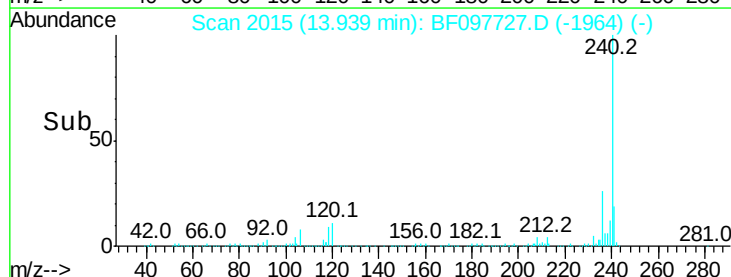
236 25.8 20.5 30.7

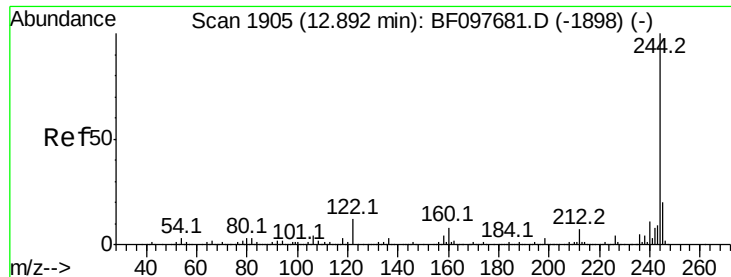


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 36.981 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF097727.D

Acq: 16 Aug 2017 8:43

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E2-G9-WSW

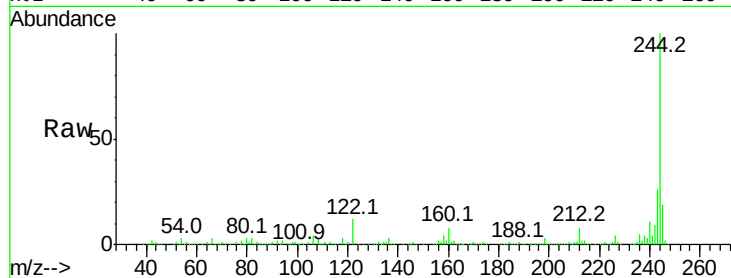
Tot Ion:244 Resp: 495943

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

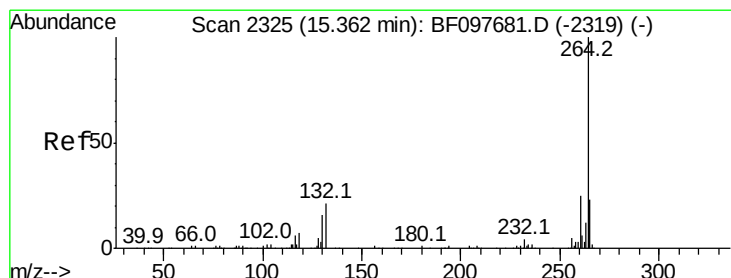
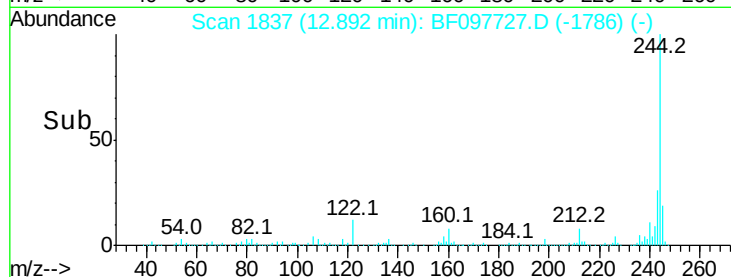
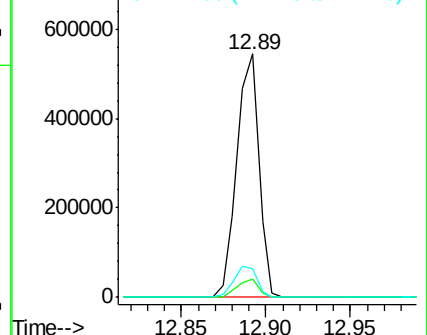
122 11.8 10.3 15.5



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: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF097727.D

Acq: 16 Aug 2017 8:43

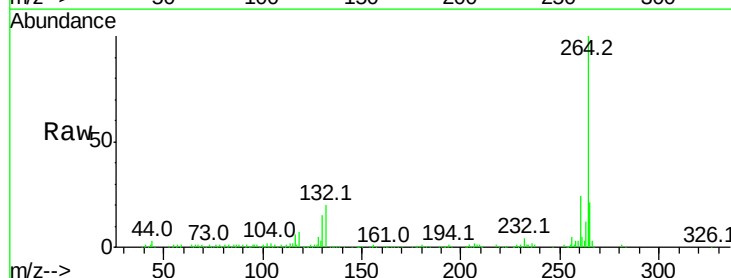
Tgt Ion:264 Resp: 216840

Ion Ratio Lower Upper

264 100

260 24.5 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

