

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097313.D
 Acq On : 3 Aug 2017 11:31
 Operator : SJ/JU
 Sample : I4527-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-BASE

Quant Time: Aug 03 13:24:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 12:06:13 2017
 Response via : Initial Calibration

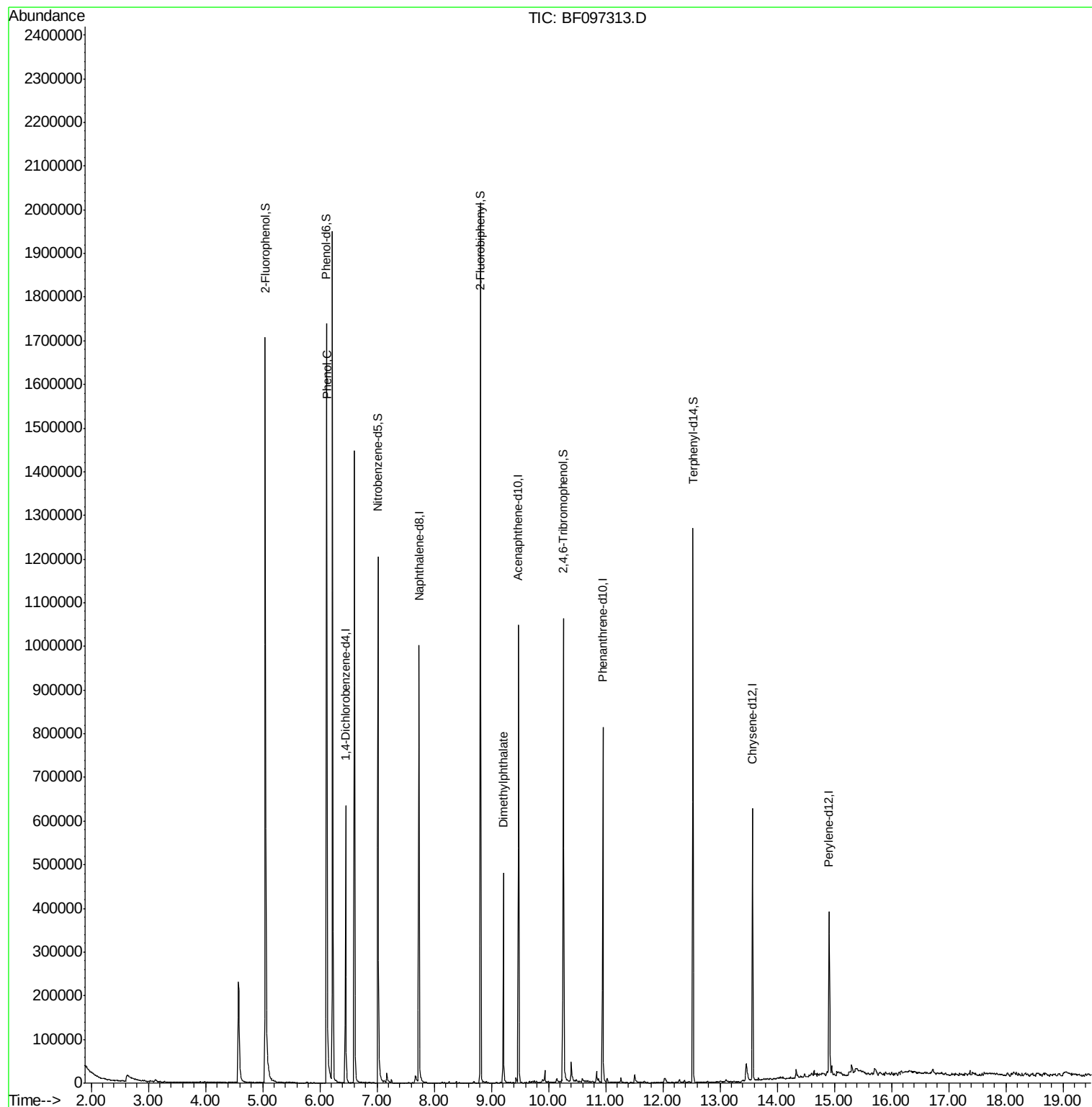
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	99732	20.00	ng	0.00
21) Naphthalene-d8	7.73	136	436053	20.00	ng	0.00
38) Acenaphthene-d10	9.47	164	188756	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	286027	20.00	ng	0.00
75) Chrysene-d12	13.57	240	207203	20.00	ng	-0.01
86) Perylene-d12	14.91	264	148951	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	563766	85.22	ng	0.00
7) Phenol-d6	6.12	99	608908	80.62	ng	-0.01
23) Nitrobenzene-d5	7.02	82	395129	53.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.26	330	113766	76.28	ng	-0.01
44) 2-Fluorobiphenyl	8.81	172	570130	51.26	ng	0.00
78) Terphenyl-d14	12.53	244	392930	38.66	ng	-0.01
Target Compounds						
10) Phenol	6.13	94	25554	2.852	ng	83
49) Dimethylphthalate	9.21	163	174784	12.194	ng	99

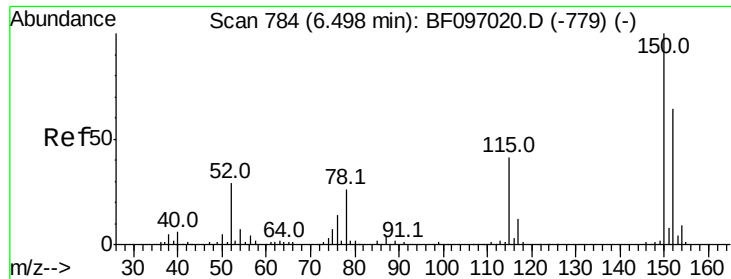
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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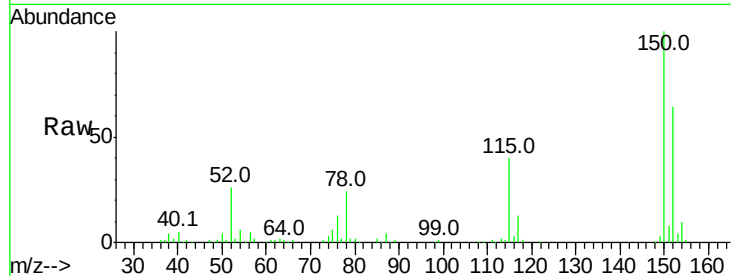


#1

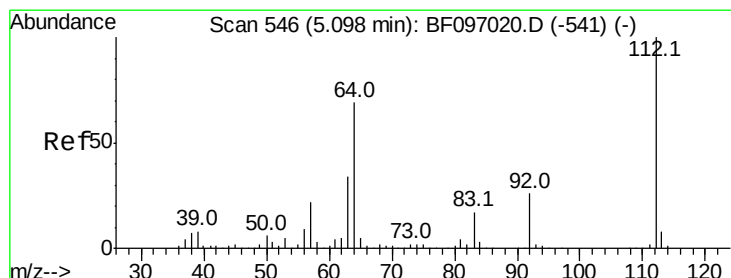
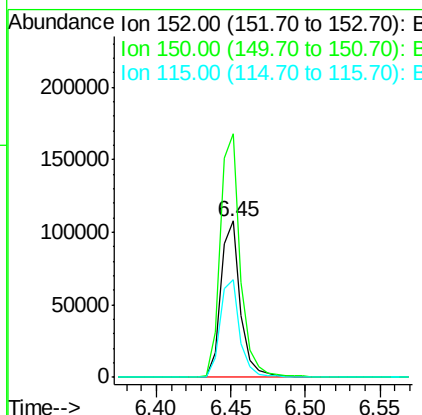
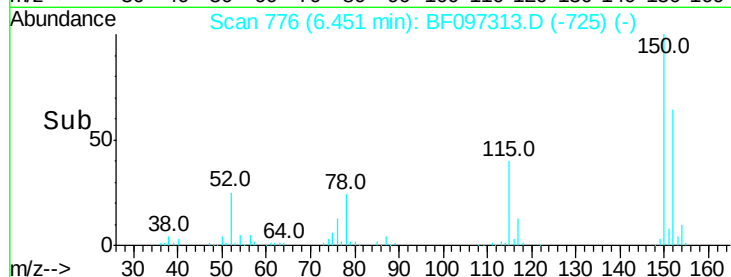
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.45 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF097313.D
 Acq: 3 Aug 2017 11:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-BASE

Tot Ion:152 Resp: 99732
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.2 189.2
 115 62.3 52.2 78.2



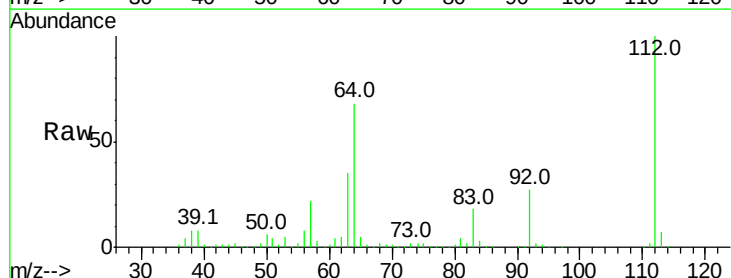
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



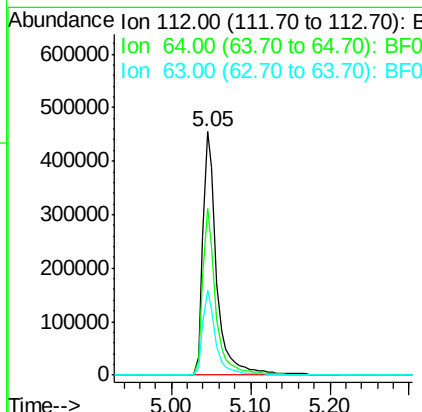
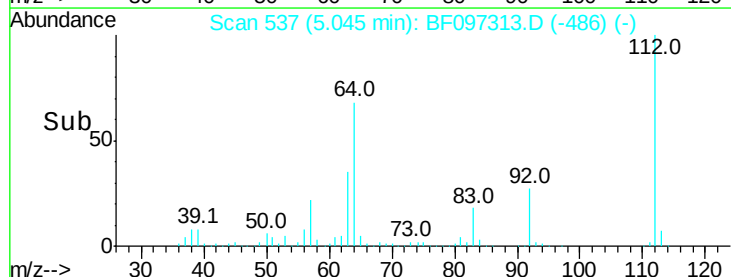
#5

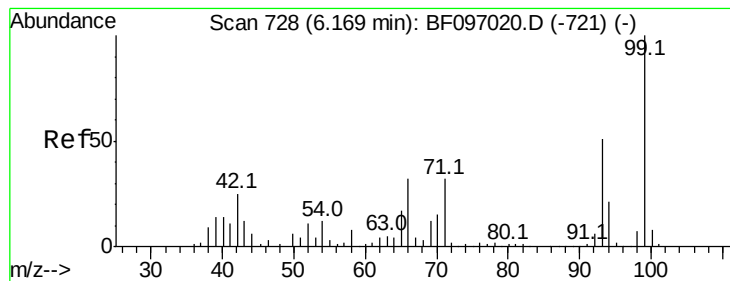
2-Fluorophenol
 Concen: 85.215 ng
 RT: 5.05 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF097313.D
 Acq: 3 Aug 2017 11:31

Tgt Ion:112 Resp: 563766
 Ion Ratio Lower Upper
 112 100
 64 68.3 46.0 69.0
 63 34.9 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: 80.621 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF097313.D

Acq: 3 Aug 2017 11:31

Instrument :

BNA_F

ClientSampleId :

E2-HS7-BASE

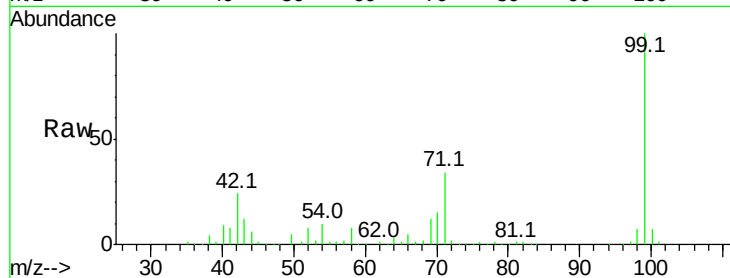
Tot Ion: 99 Resp: 608908

Ion Ratio Lower Upper

99 100

42 24.2 13.5 20.3#

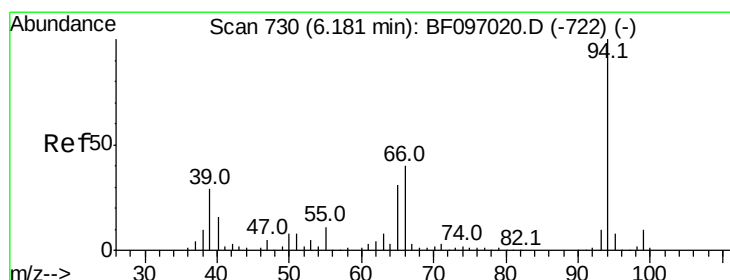
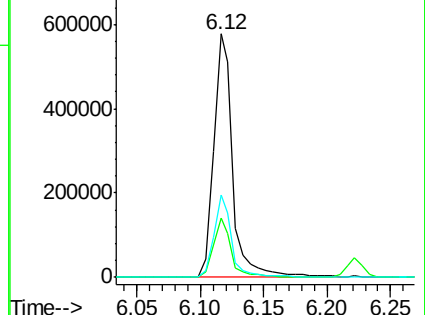
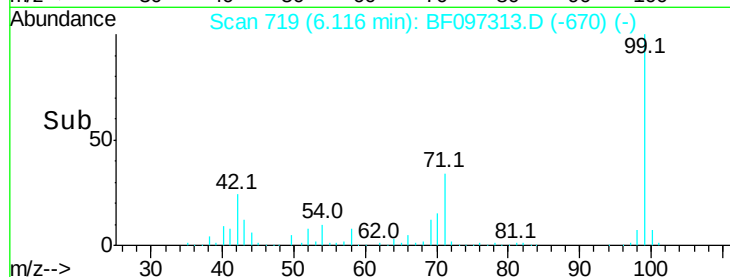
71 33.6 24.5 36.7



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: 2.852 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF097313.D

Acq: 3 Aug 2017 11:31

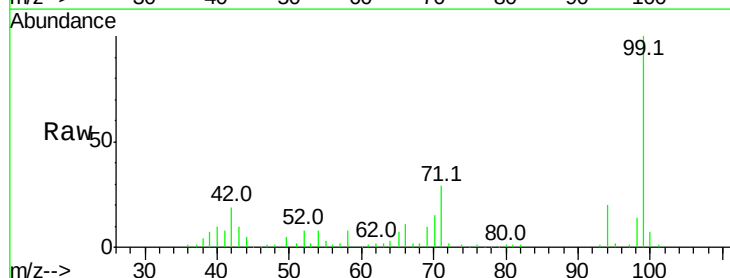
Tgt Ion: 94 Resp: 25554

Ion Ratio Lower Upper

94 100

65 34.8 9.9 49.9

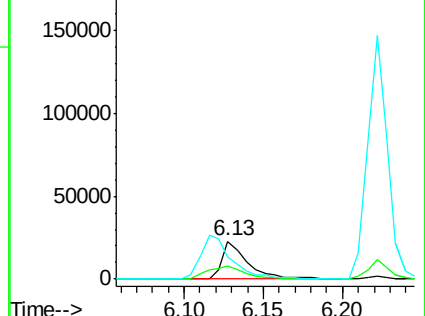
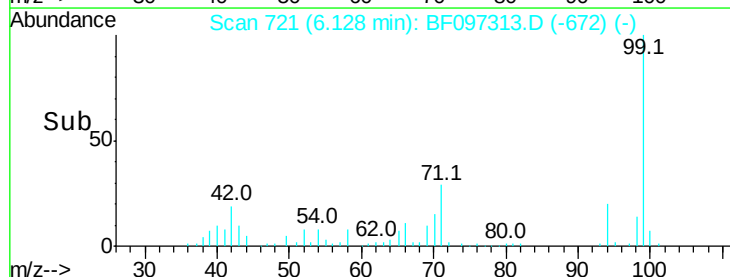
66 57.3 23.1 63.1

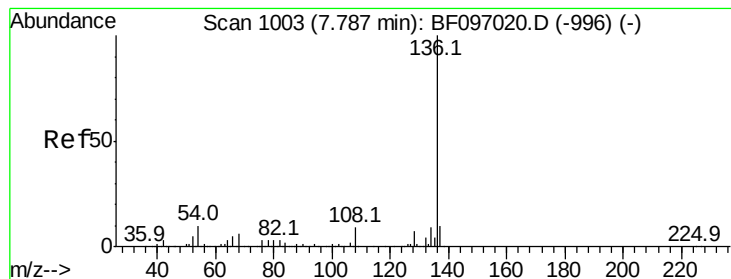


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.73 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF097313.D

Acq: 3 Aug 2017 11:31

Instrument :

BNA_F

ClientSampleId :

E2-HS7-BASE

Tot Ion:136 Resp: 436053

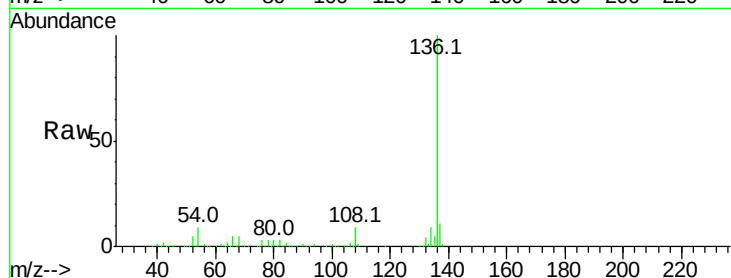
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 9.5 4.9 7.3#

68 5.2 4.1 6.1

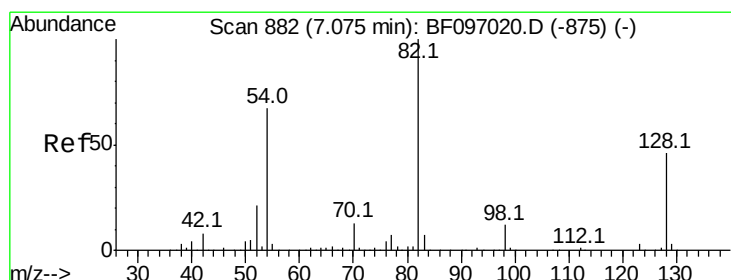
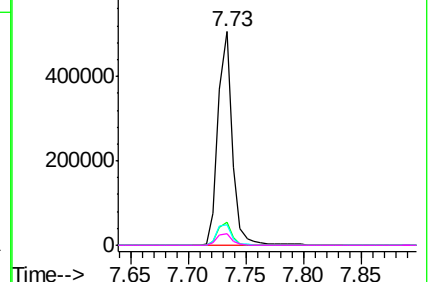
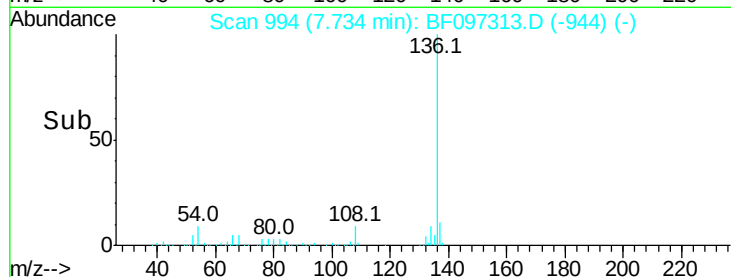


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.158 ng

RT: 7.02 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF097313.D

Acq: 3 Aug 2017 11:31

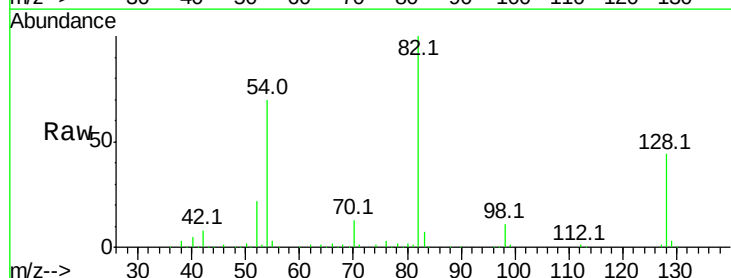
Tgt Ion: 82 Resp: 395129

Ion Ratio Lower Upper

82 100

128 43.9 34.0 51.0

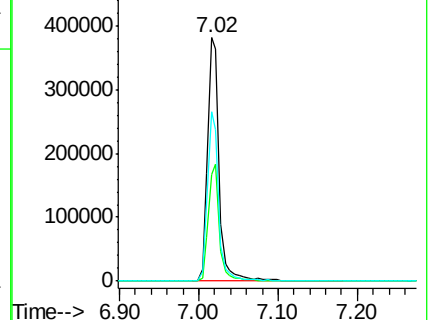
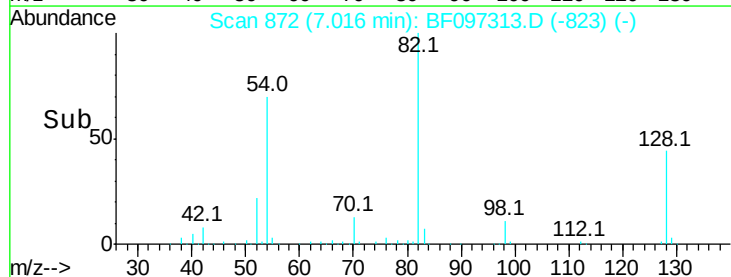
54 69.7 42.2 63.2#

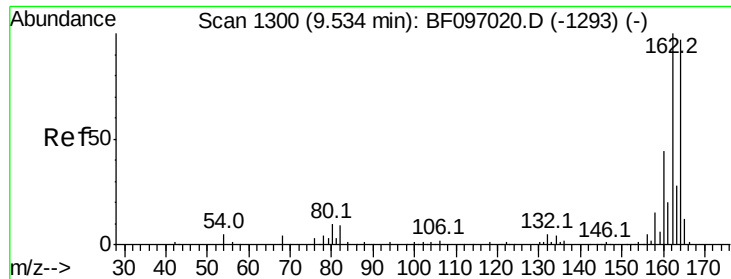


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

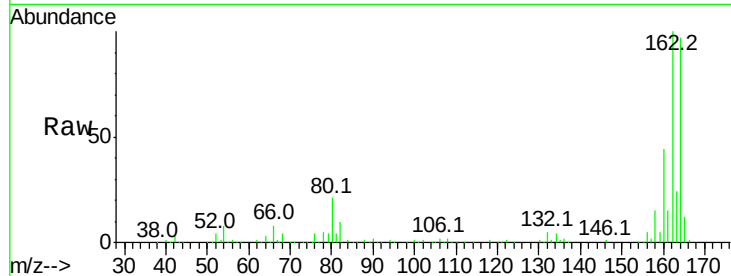




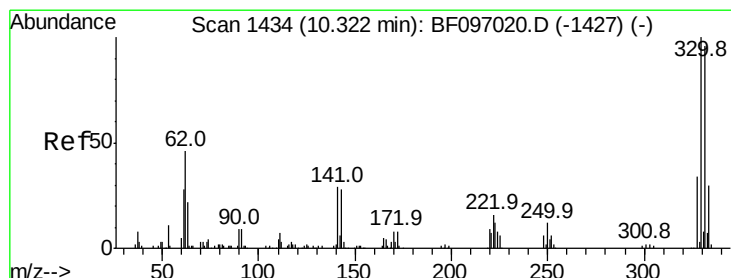
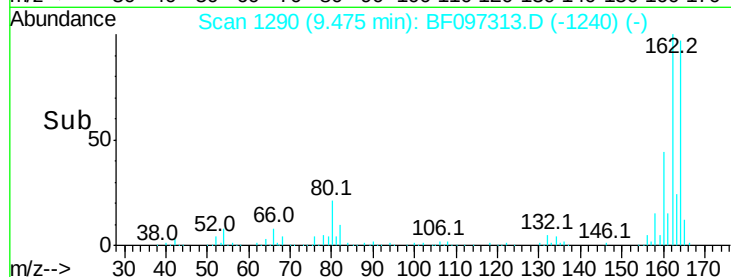
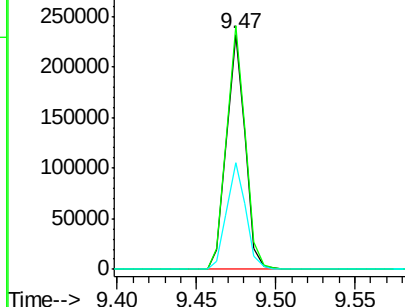
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF097313.D
Acq: 3 Aug 2017 11:31

Instrument :
BNA_F
ClientSampleId :
E2-HS7-BASE

Tot Ion:164 Resp: 188756
Ion Ratio Lower Upper
164 100
162 103.5 82.6 123.8
160 45.1 36.2 54.2

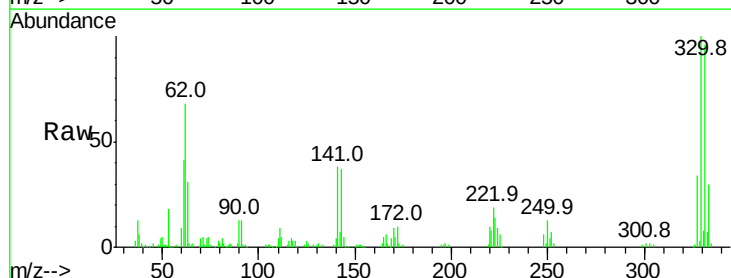


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

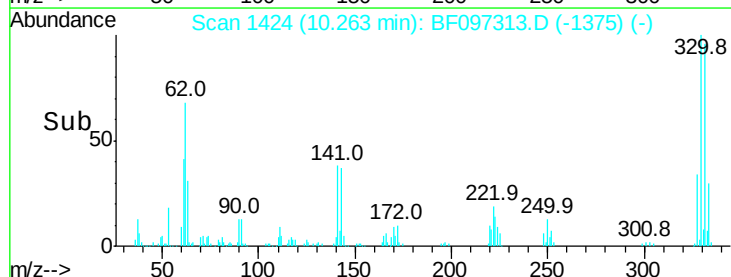
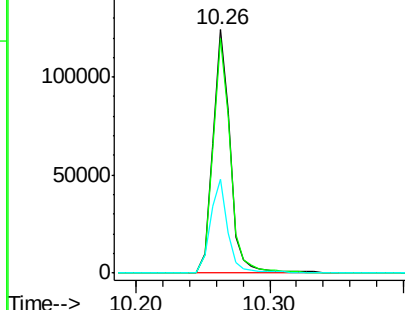


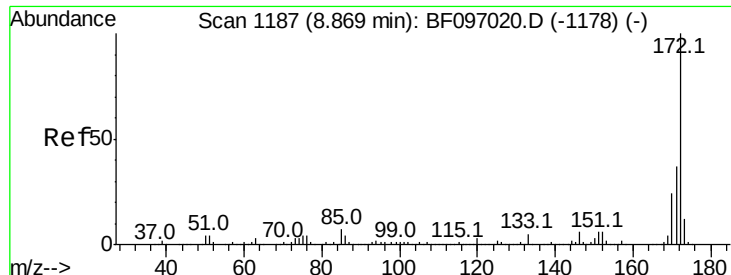
#41
2,4,6-Tribromophenol
Concen: 76.284 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF097313.D
Acq: 3 Aug 2017 11:31

Tgt Ion:330 Resp: 113766
Ion Ratio Lower Upper
330 100
332 97.4 76.6 115.0
141 38.3 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

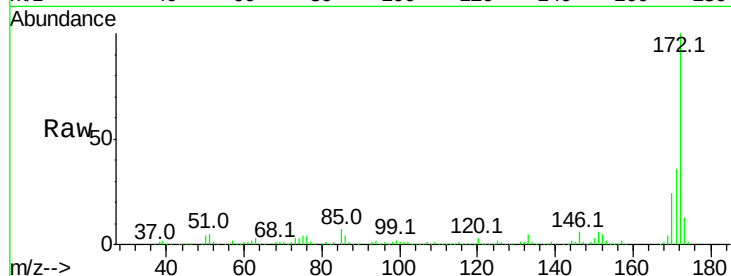




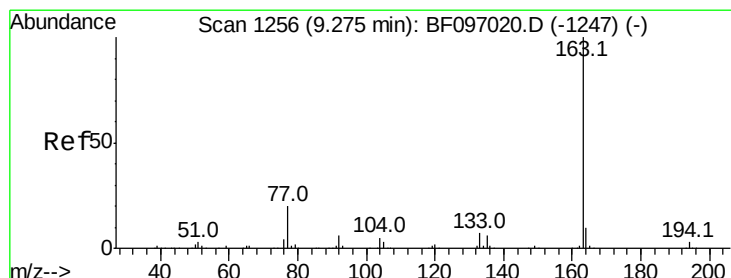
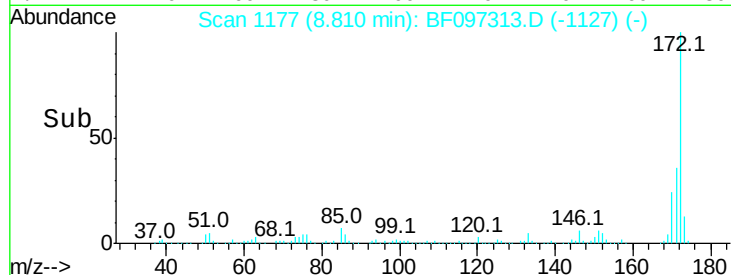
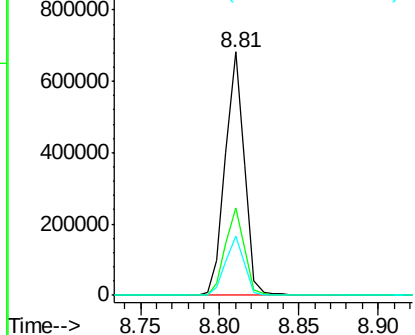
#44
 2-Fluorobiphenyl
 Concen: 51.260 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF097313.D
 Acq: 3 Aug 2017 11:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-BASE

Tot Ion:172 Resp: 570130
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.5 19.8 29.8

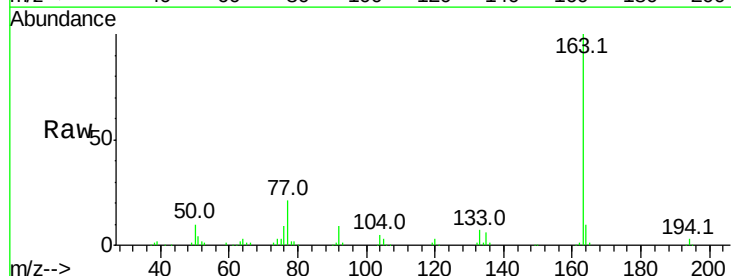


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

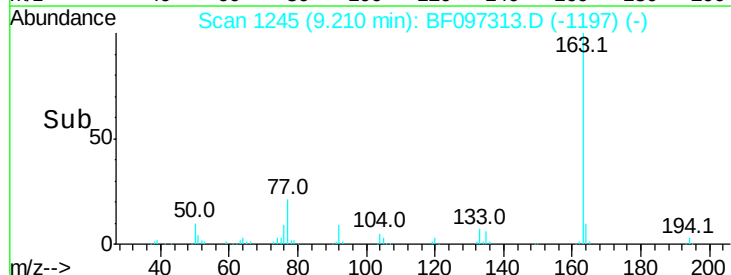
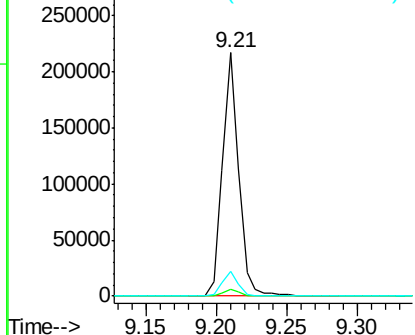


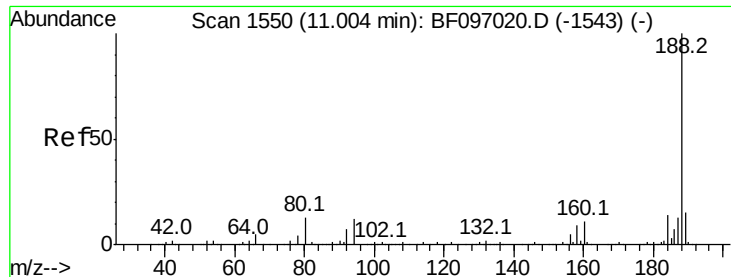
#49
 Dimethylphthalate
 Concen: 12.194 ng
 RT: 9.21 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BF097313.D
 Acq: 3 Aug 2017 11:31

Tgt Ion:163 Resp: 174784
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 10.2 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

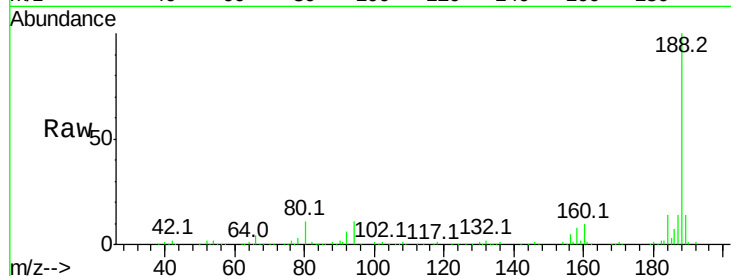




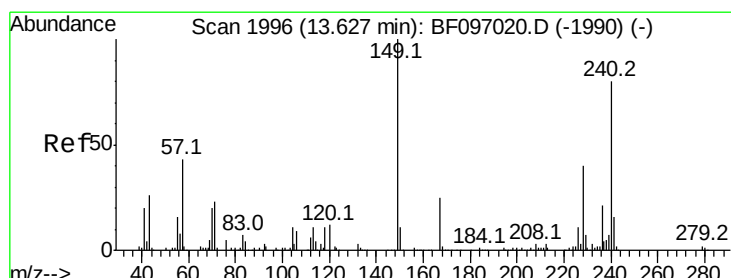
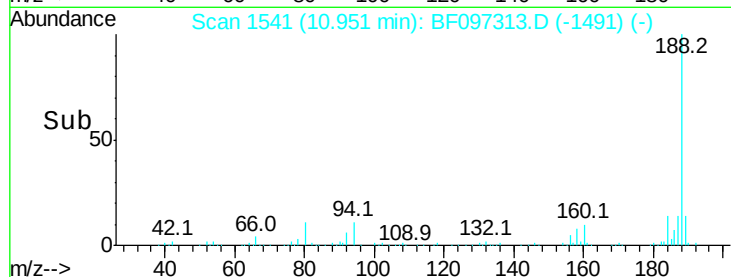
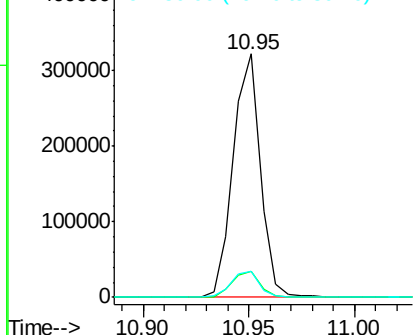
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.95 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BF097313.D
 Acq: 3 Aug 2017 11:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-BASE

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	10.7	10.2	15.2

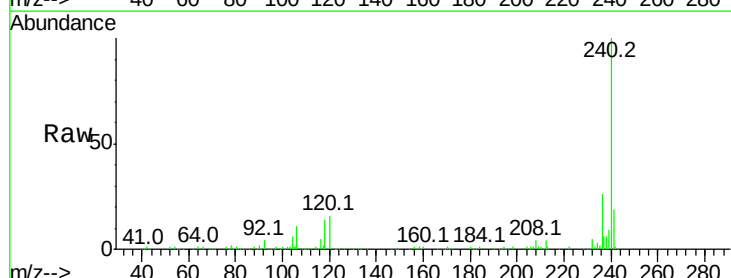


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

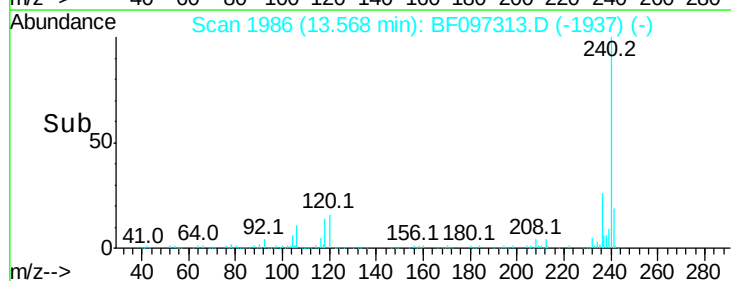
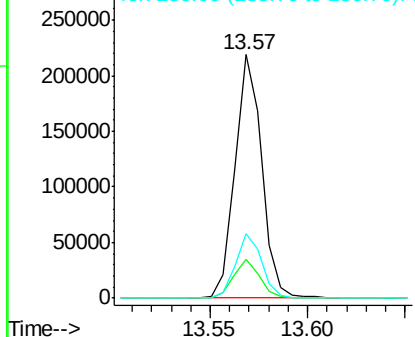


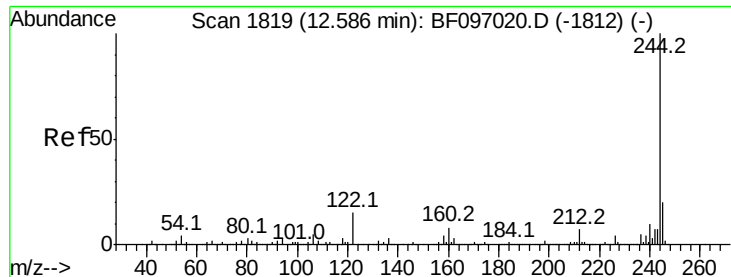
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.57 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF097313.D
 Acq: 3 Aug 2017 11:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.0	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: 38.664 ng

RT: 12.53 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF097313.D

Acq: 3 Aug 2017 11:31

Instrument :

BNA_F

ClientSampleId :

E2-HS7-BASE

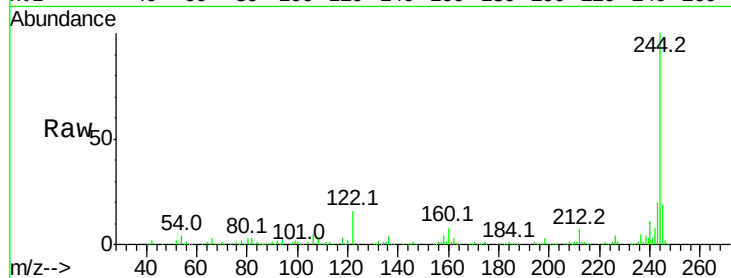
Tot Ion:244 Resp: 392930

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

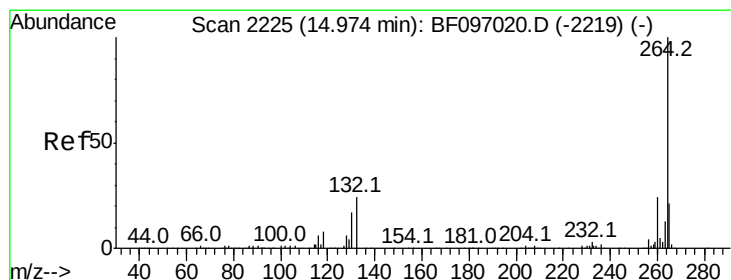
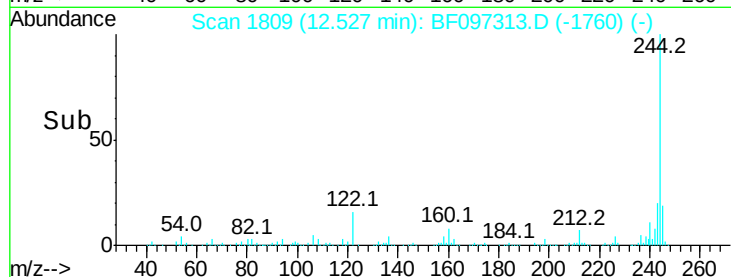
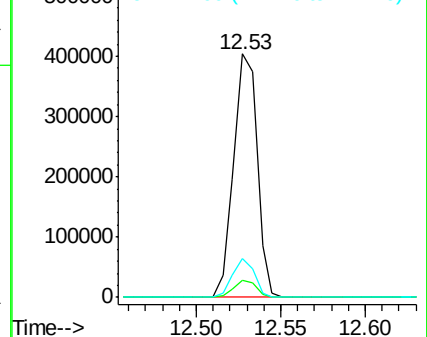
122 15.8 10.3 15.5#



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: 14.91 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF097313.D

Acq: 3 Aug 2017 11:31

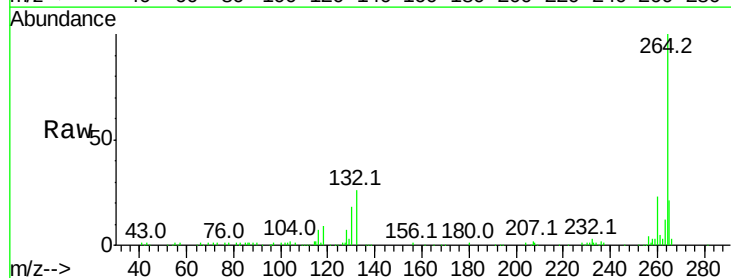
Tgt Ion:264 Resp: 148951

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.4 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

