

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097552.D
 Acq On : 10 Aug 2017 10:15
 Operator : SJ/JU
 Sample : I4627-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM-33

Quant Time: Aug 10 14:14:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

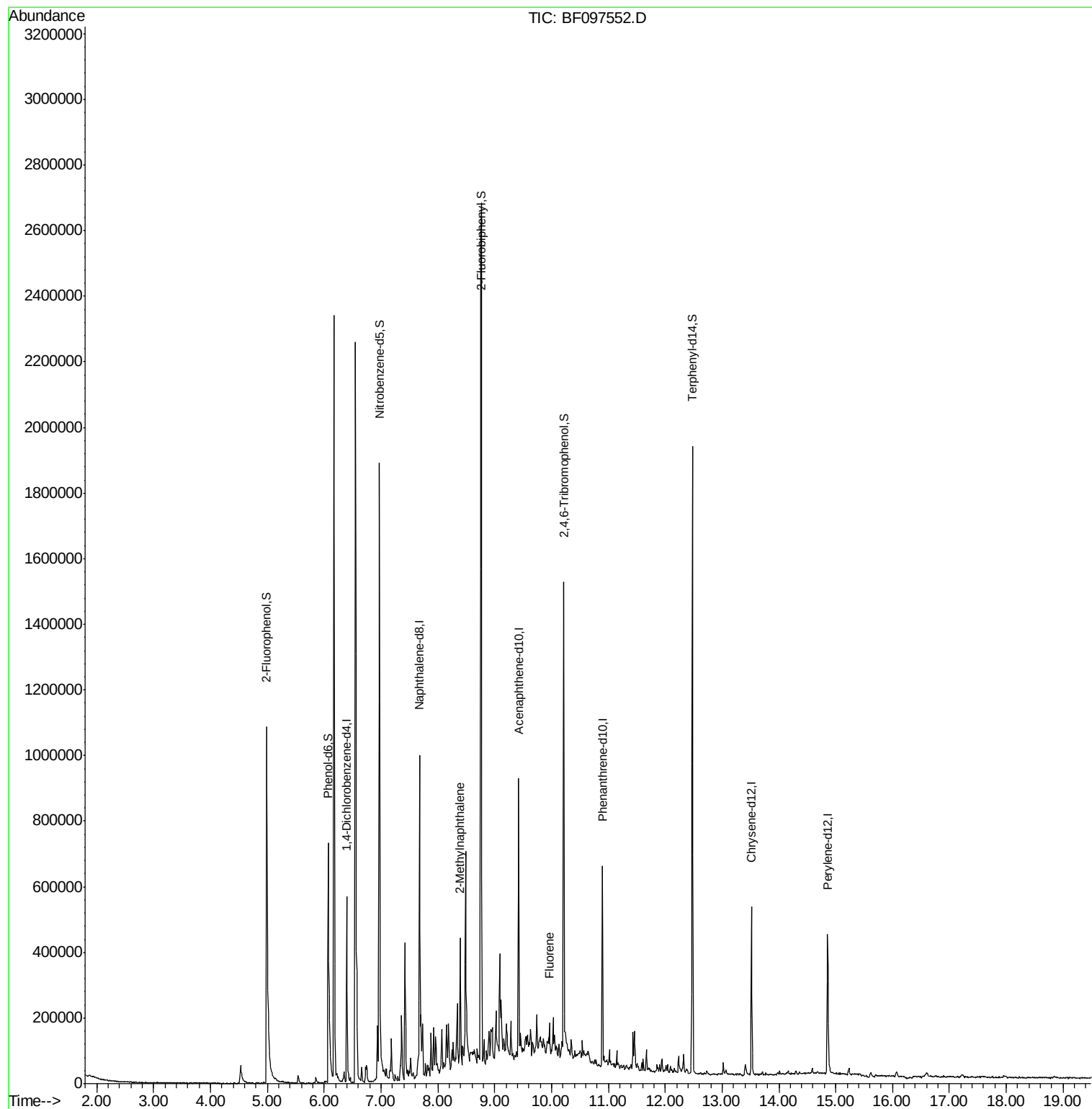
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	100189	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	417325	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	155189	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	222026	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	186720	20.00	ng	-0.02
86) Perylene-d12	14.86	264	164764	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	495356	74.53	ng	-0.02
7) Phenol-d6	6.07	99	376064	49.56	ng	-0.02
23) Nitrobenzene-d5	6.97	82	655139	92.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	176463	143.92	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	943998	103.23	ng	-0.01
78) Terphenyl-d14	12.48	244	615574	67.22	ng	-0.02
Target Compounds						
37) 2-Methylnaphthalene	8.39	142	102289	8.212	ng	98
57) Fluorene	9.97	166	18170	2.058	ng	# 87

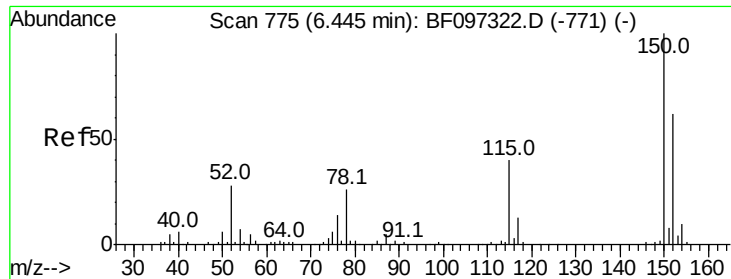
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
Data File : BF097552.D
Acq On : 10 Aug 2017 10:15
Operator : SJ/JU
Sample : I4627-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM-33

Quant Time: Aug 10 14:14:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration



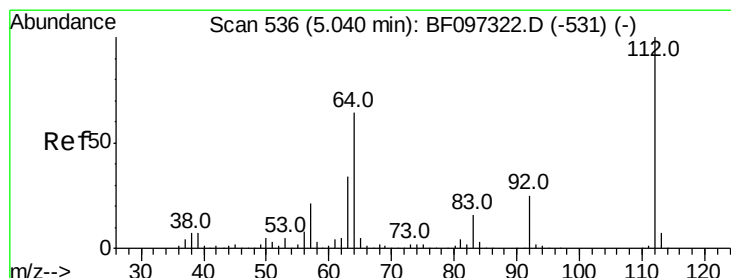
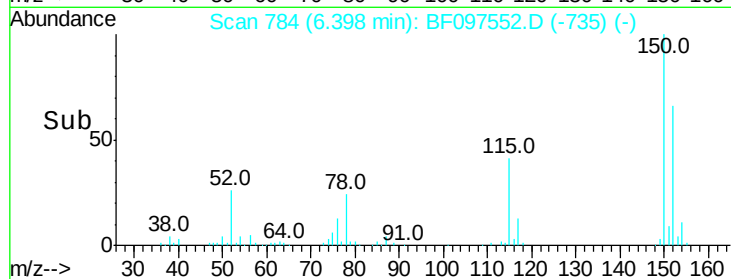
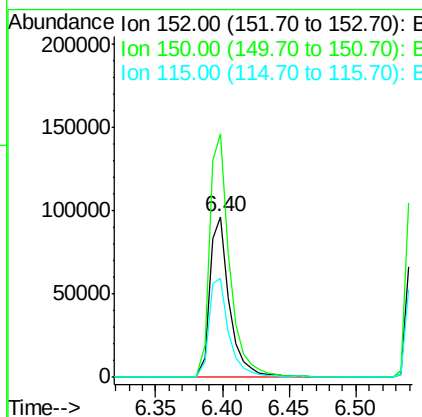
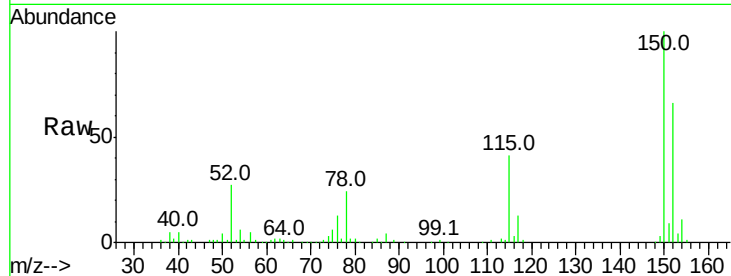


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.40 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF097552.D
 Acq: 10 Aug 2017 10:15

Instrument :
 BNA_F
 ClientSampleId :
 ERM-33

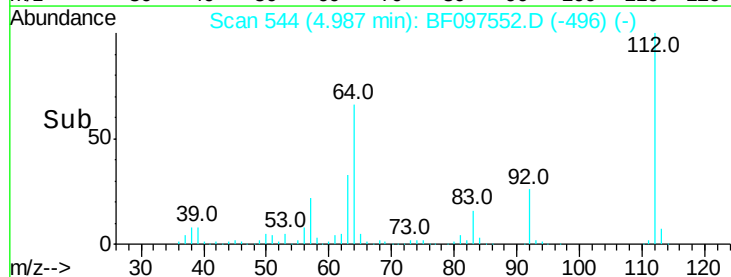
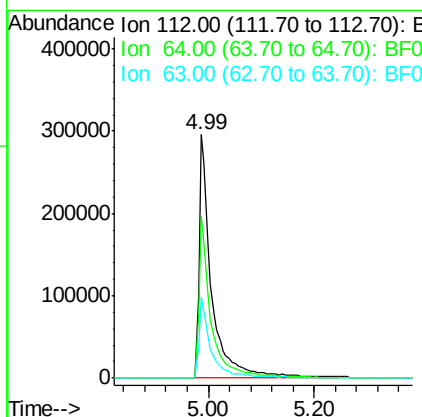
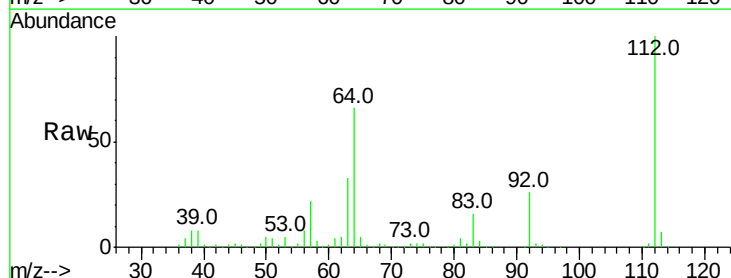
Tot Ion:152 Resp: 100189
 Ion Ratio Lower Upper
 152 100
 150 151.8 126.2 189.2
 115 61.9 52.2 78.2

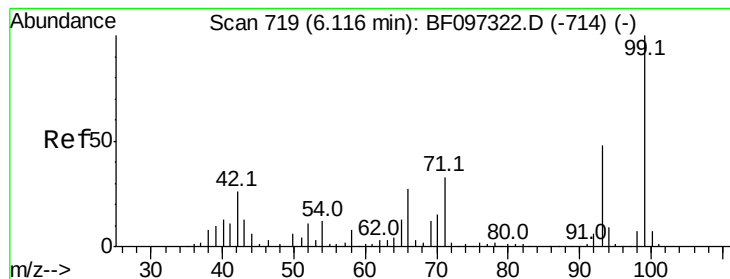


#5

2-Fluorophenol
 Concen: 74.533 ng
 RT: 4.99 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF097552.D
 Acq: 10 Aug 2017 10:15

Tgt Ion:112 Resp: 495356
 Ion Ratio Lower Upper
 112 100
 64 66.3 46.0 69.0
 63 33.3 23.4 35.0





#7

Phenol-d6

Concen: 49.565 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097552.D

Acq: 10 Aug 2017 10:15

Instrument :

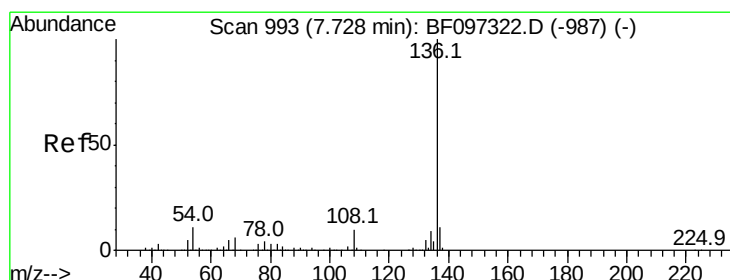
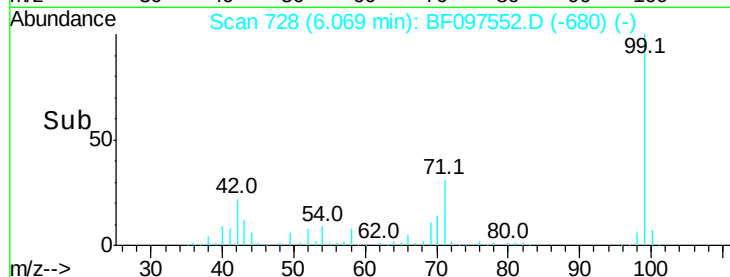
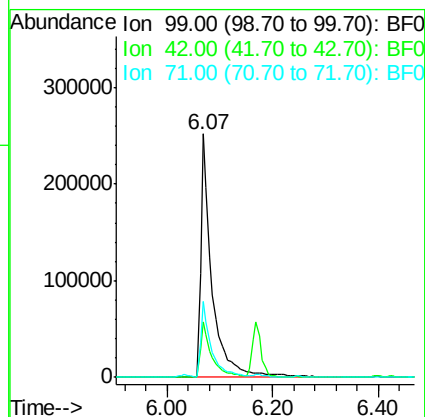
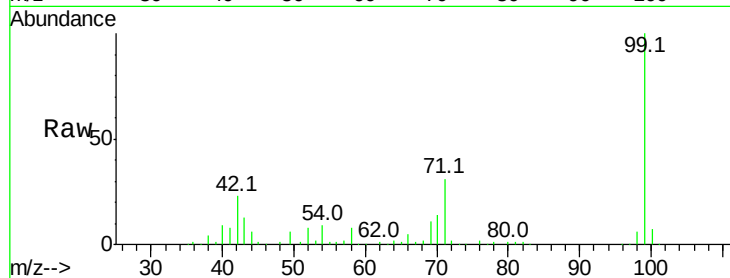
BNA_F

ClientSampleId :

ERM-33

Tot Ion: 99 Resp: 376064

Ion	Ratio	Lower	Upper
99	100		
42	22.6	13.5	20.3#
71	31.0	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.68 min Scan# 1002

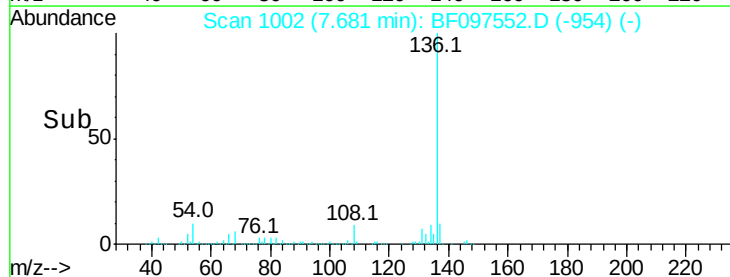
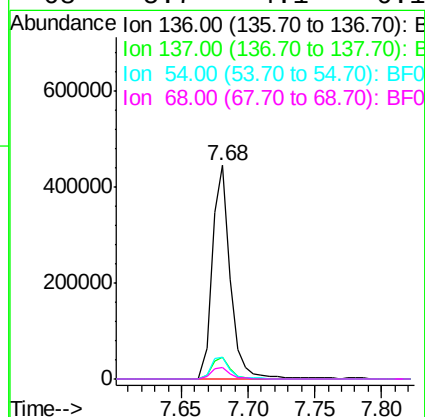
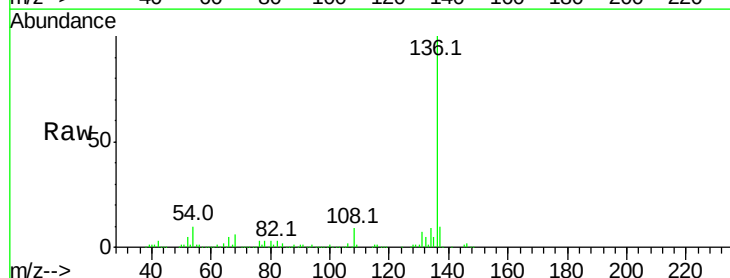
Delta R.T. -0.02 min

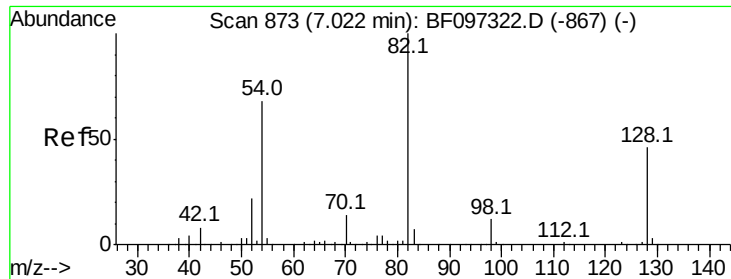
Lab File: BF097552.D

Acq: 10 Aug 2017 10:15

Tgt Ion: 136 Resp: 417325

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	10.1	4.9	7.3#
68	5.7	4.1	6.1

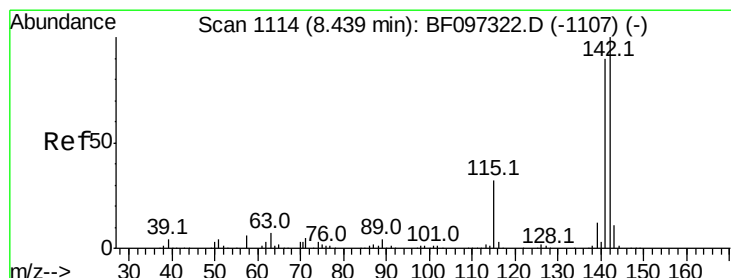
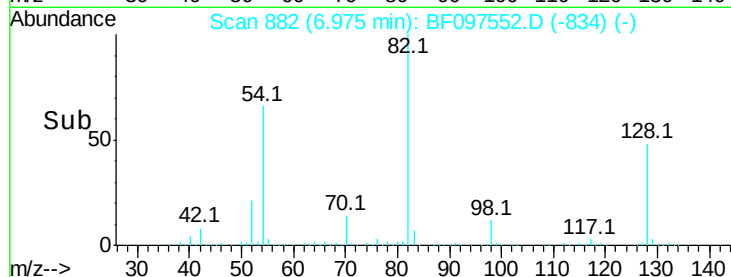
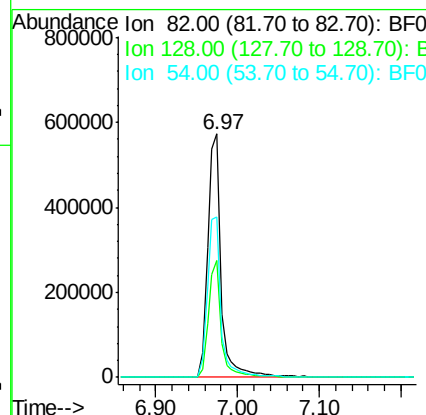
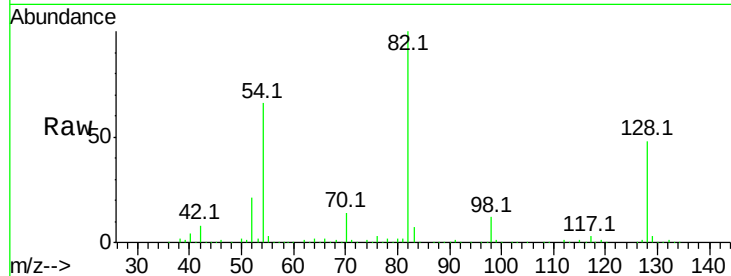




#23
Nitrobenzene-d5
Concen: 92.094 ng
RT: 6.97 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097552.D
Acq: 10 Aug 2017 10:15

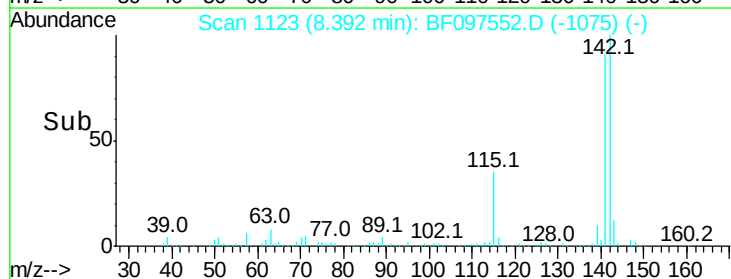
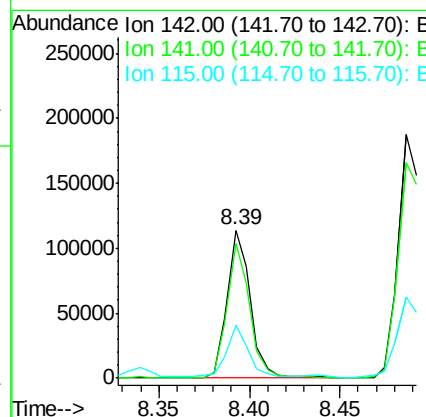
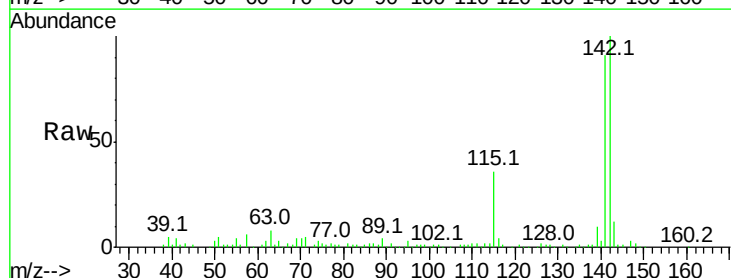
Instrument :
BNA_F
ClientSampleId :
ERM-33

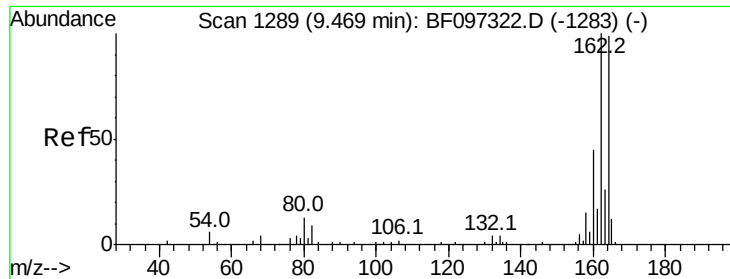
Tot Ion: 82 Resp: 655139
Ion Ratio Lower Upper
82 100
128 48.2 34.0 51.0
54 65.9 42.2 63.2#



#37
2-Methylnaphthalene
Concen: 8.212 ng
RT: 8.39 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF097552.D
Acq: 10 Aug 2017 10:15

Tgt Ion: 142 Resp: 102289
Ion Ratio Lower Upper
142 100
141 90.8 71.3 106.9
115 36.0 27.1 40.7

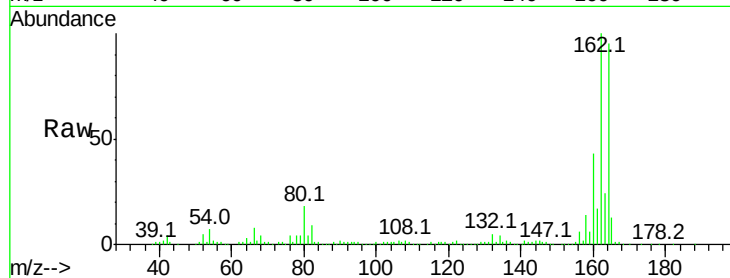




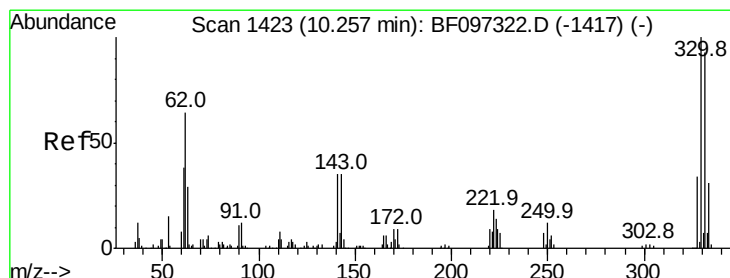
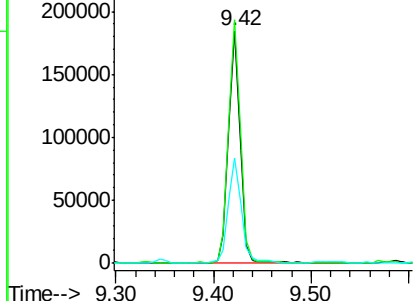
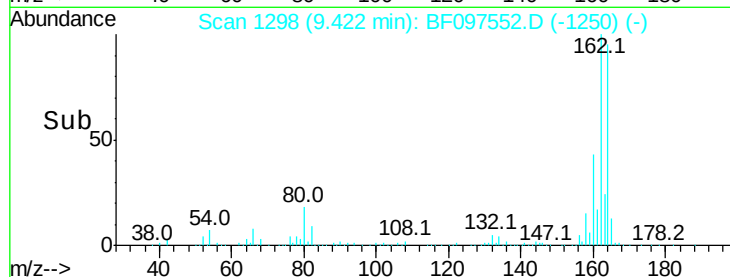
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF097552.D
 Acq: 10 Aug 2017 10:15

Instrument :
 BNA_F
 ClientSampled :
 ERM-33

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.6	123.8
160	45.5	36.2	54.2

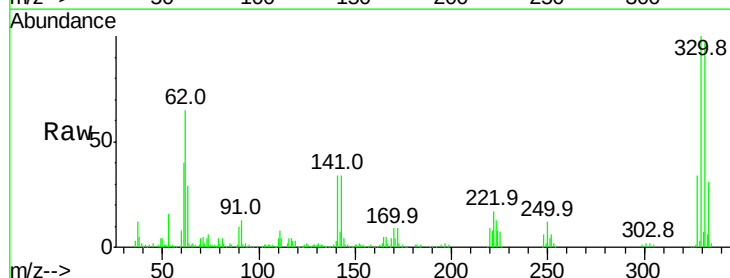


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

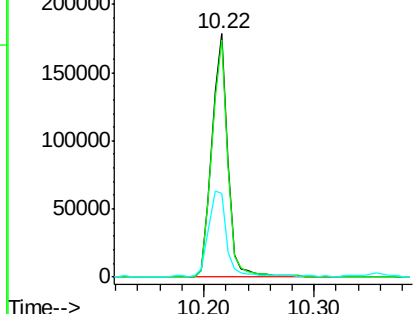
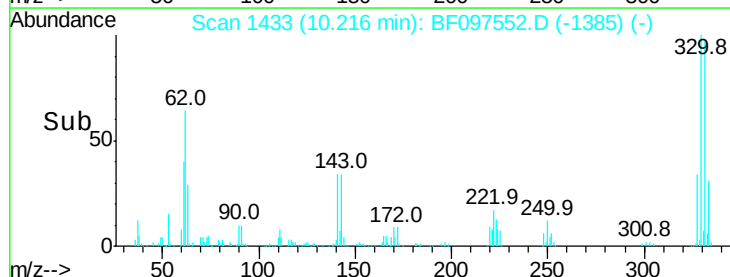


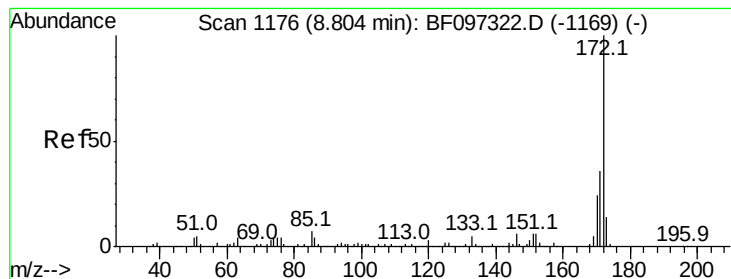
#41
 2,4,6-Tribromophenol
 Concen: 143.917 ng
 RT: 10.22 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF097552.D
 Acq: 10 Aug 2017 10:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	40.2	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: 103.233 ng

RT: 8.76 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF097552.D

Acq: 10 Aug 2017 10:15

Instrument :

BNA_F

ClientSampleId :

ERM-33

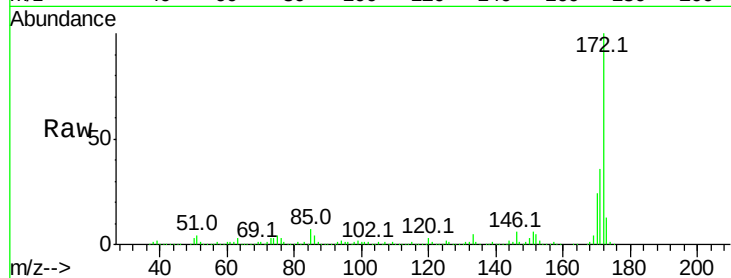
Tot Ion:172 Resp: 943998

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

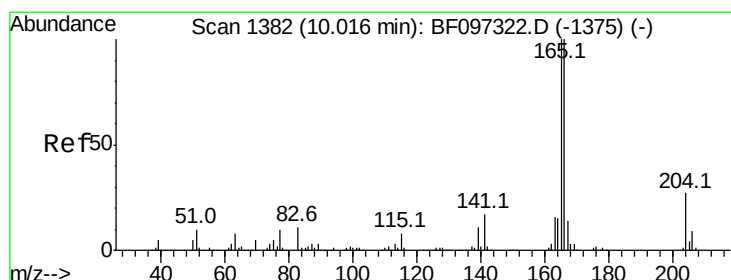
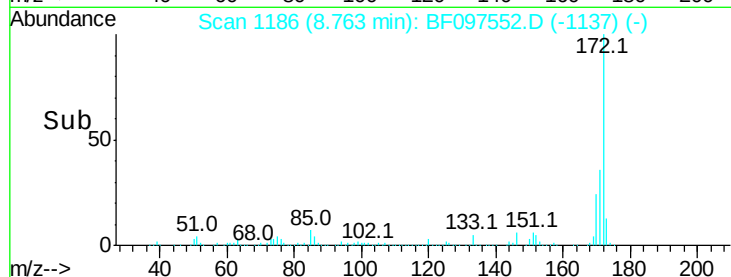
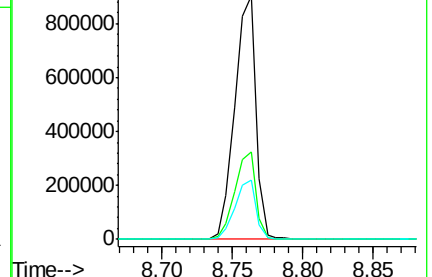
170 24.3 19.8 29.8



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



#57

Fluorene

Concen: 2.058 ng

RT: 9.97 min Scan# 1391

Delta R.T. -0.02 min

Lab File: BF097552.D

Acq: 10 Aug 2017 10:15

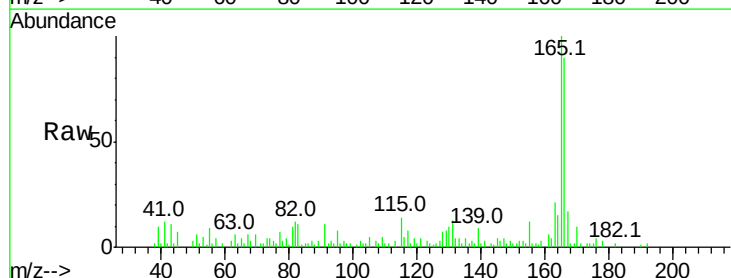
Tgt Ion:166 Resp: 18170

Ion Ratio Lower Upper

166 100

165 110.9 78.8 118.2

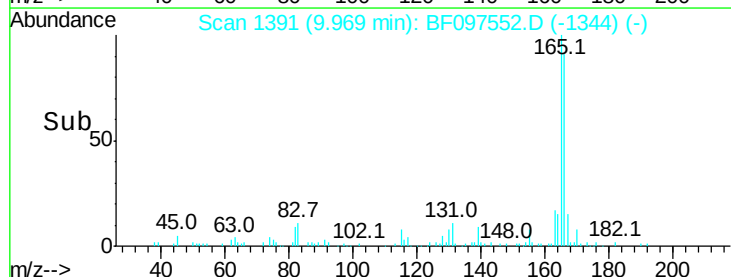
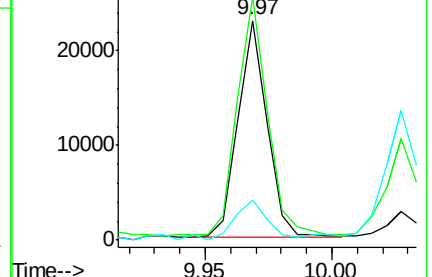
167 18.5 10.6 16.0#

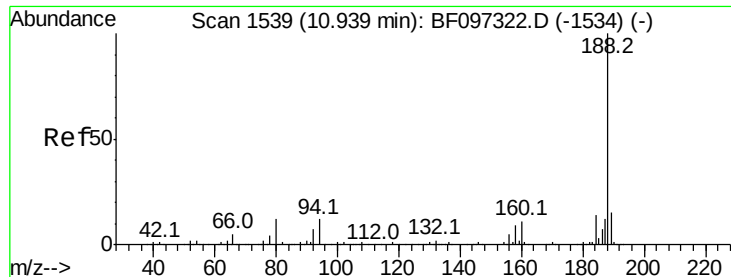


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

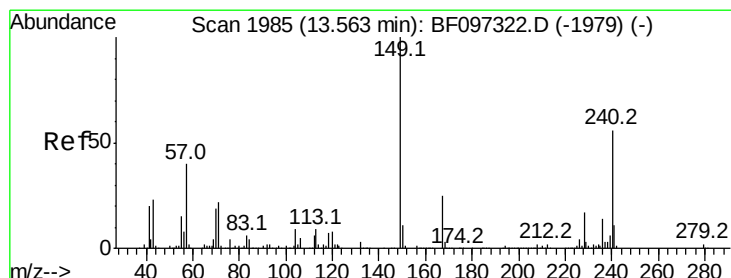
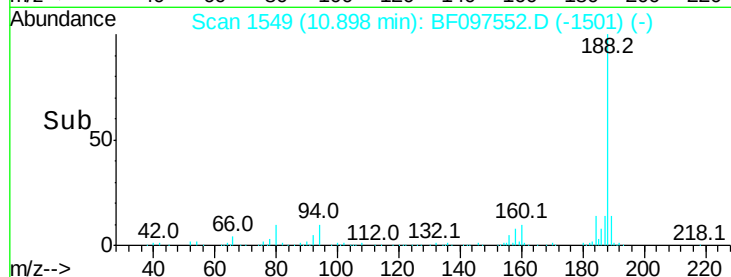
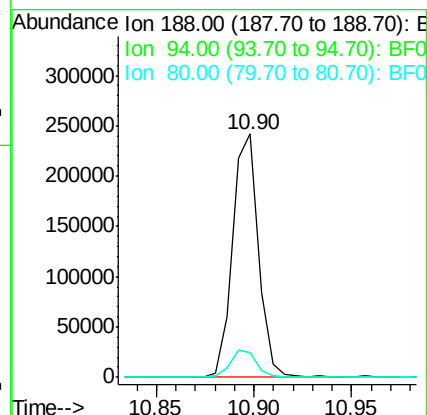
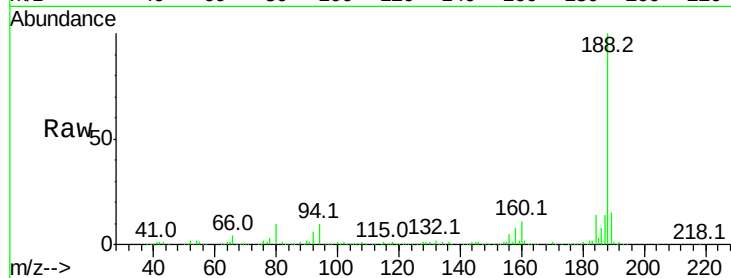




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF097552.D
Acq: 10 Aug 2017 10:15

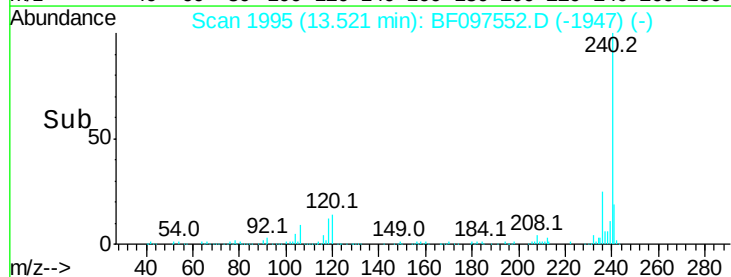
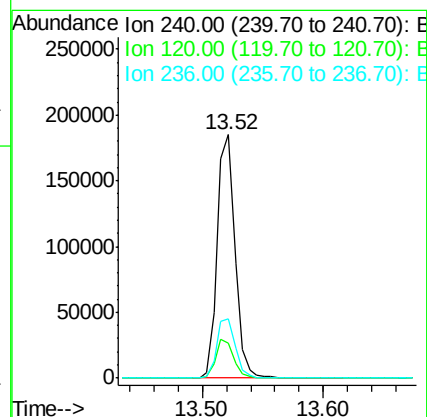
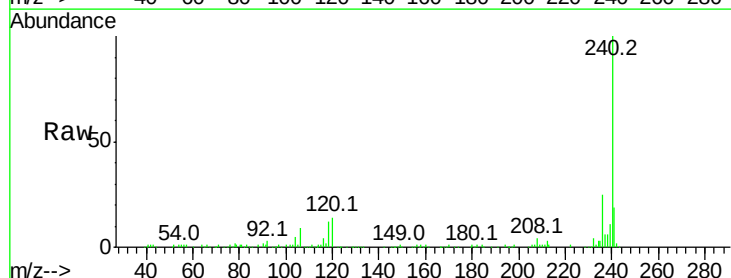
Instrument :
BNA_F
ClientSampleId :
ERM-33

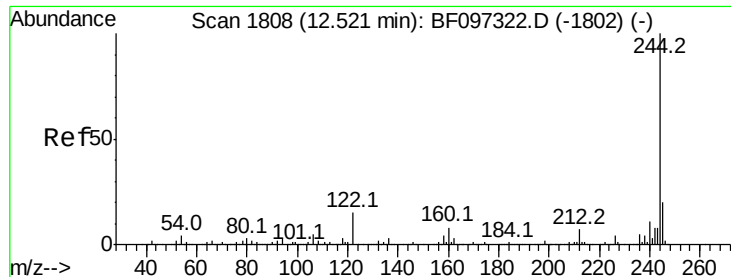
Tot Ion:188 Resp: 222026
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 9.9 10.2 15.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF097552.D
Acq: 10 Aug 2017 10:15

Tgt Ion:240 Resp: 186720
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 24.5 20.5 30.7





#78

Terphenyl-d14

Concen: 67.216 ng

RT: 12.48 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF097552.D

Acq: 10 Aug 2017 10:15

Instrument :

BNA_F

ClientSampleId :

ERM-33

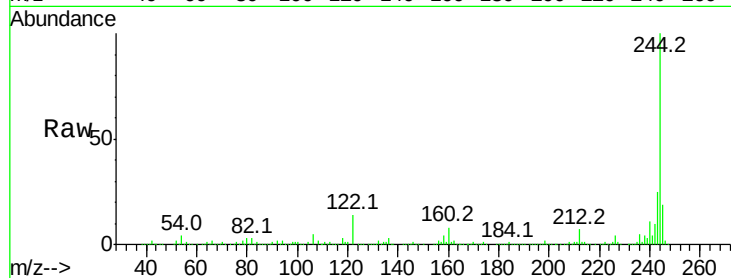
Tot Ion:244 Resp: 615574

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

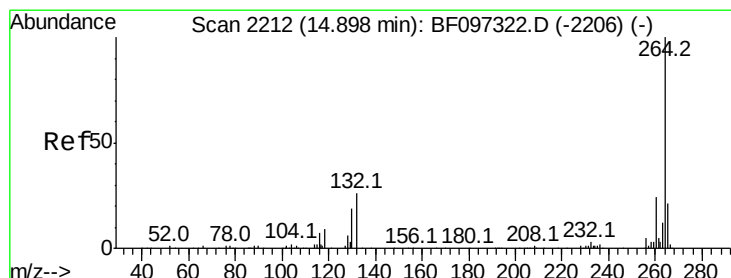
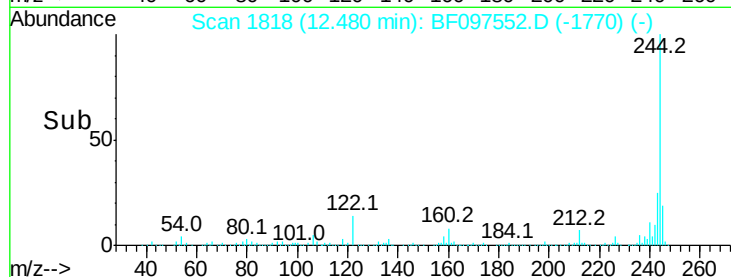
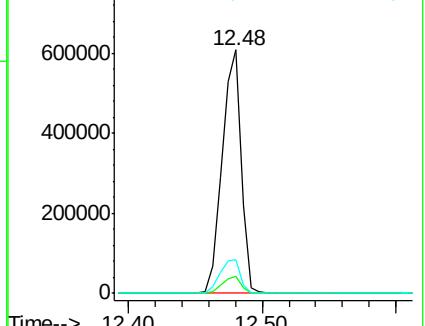
122 13.8 10.3 15.5



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: 14.86 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BF097552.D

Acq: 10 Aug 2017 10:15

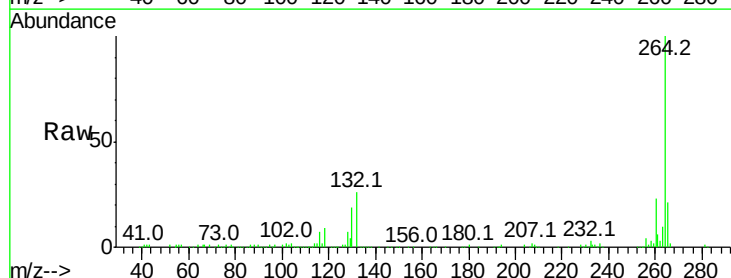
Tgt Ion:264 Resp: 164764

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.2 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

