

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117837.D
 Acq On : 18 Nov 2019 16:08
 Operator : JU
 Sample : K5861-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-3

Quant Time: Nov 18 16:38:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

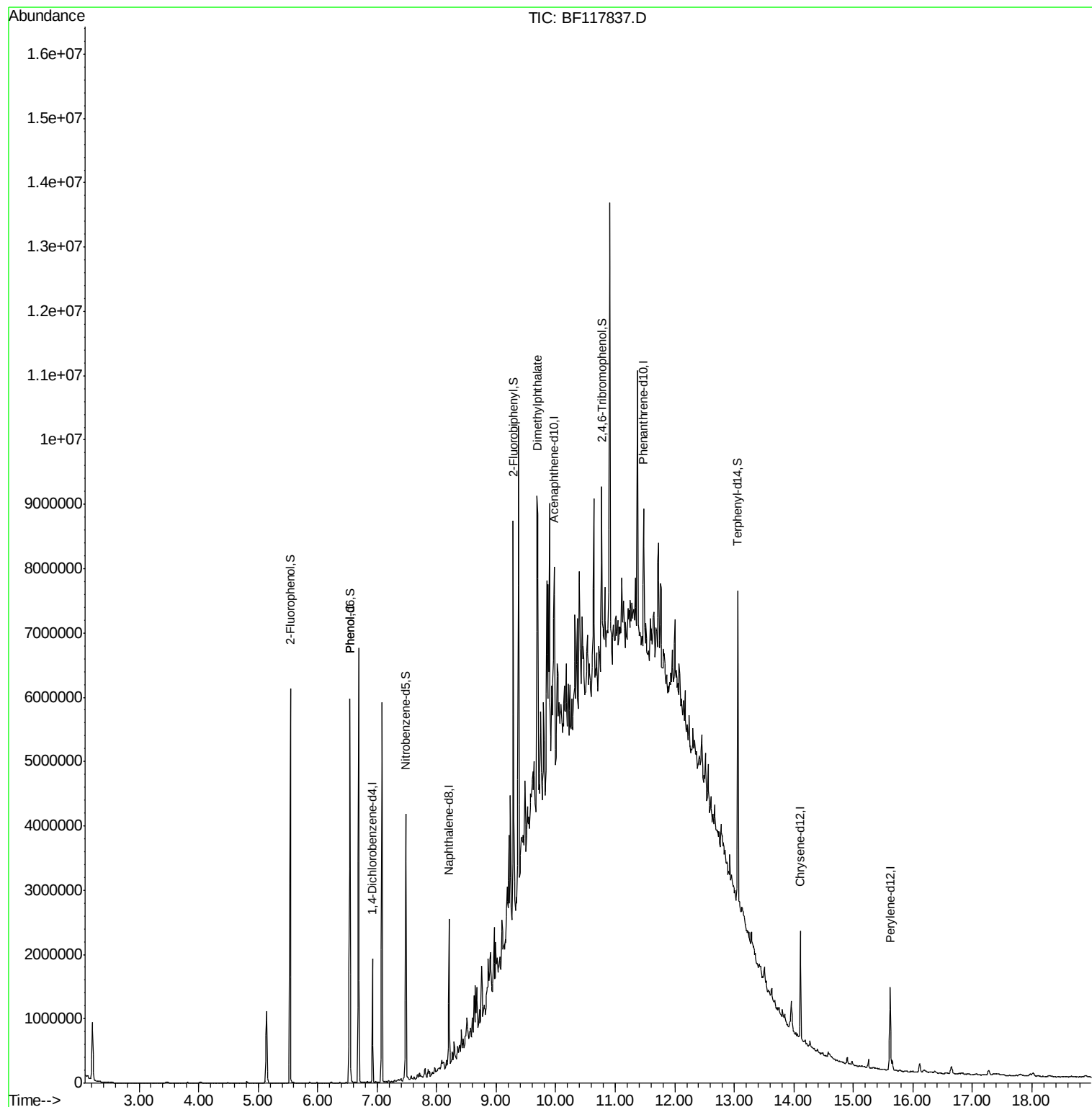
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	276532	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	1022894	20.00	ng	-0.01
39) Acenaphthene-d10	9.98	164	416184	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	670248	20.00	ng	0.00
76) Chrysene-d12	14.11	240	511805	20.00	ng	0.00
87) Perylene-d12	15.62	264	659480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1828873	117.07	ng	0.00
7) Phenol-d6	6.55	99	2265340	120.22	ng	0.00
23) Nitrobenzene-d5	7.48	82	1436992	83.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	539558	122.46	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2135124	92.04	ng	0.00
79) Terphenyl-d14	13.06	244	1883677	67.26	ng	0.00
Target Compounds						
10) Phenol	6.55	94	67955	3.471	ng	# 76
50) Dimethylphthalate	9.68	163	309556	10.607	ng	# 84

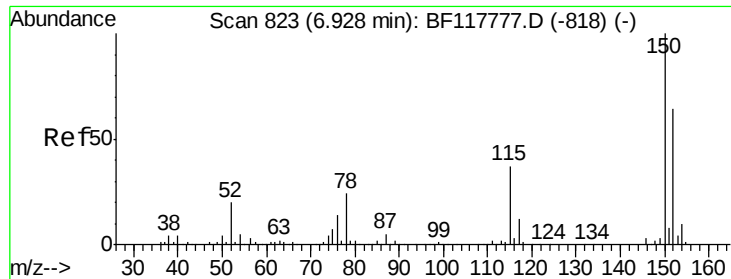
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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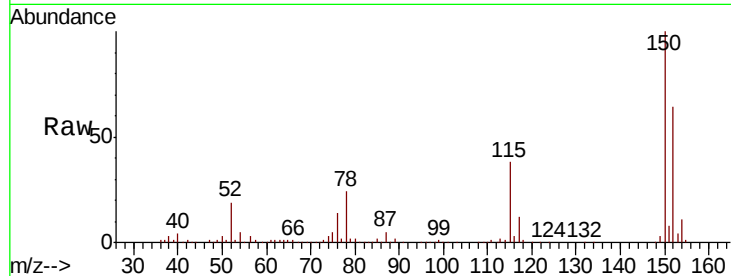




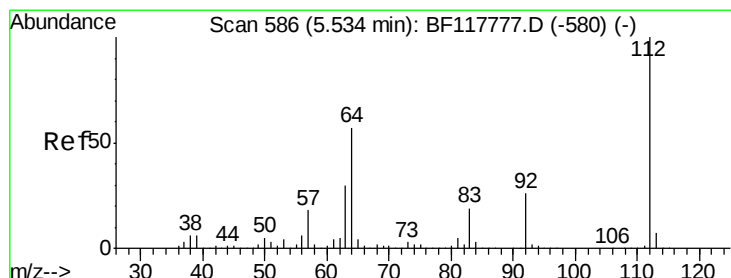
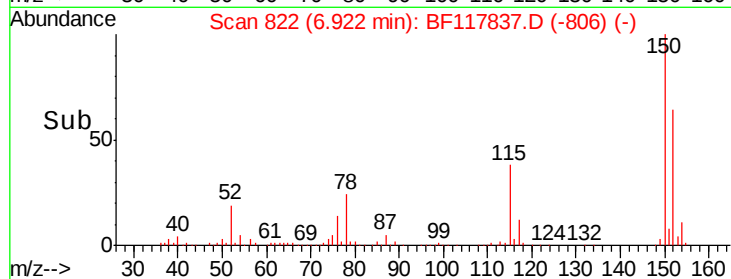
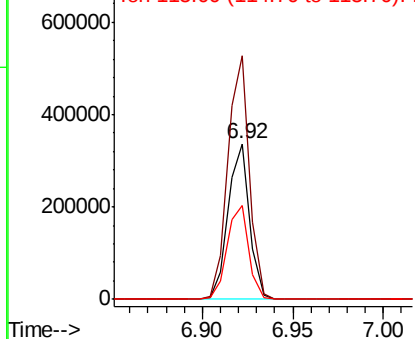
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF117837.D
 Acq: 18 Nov 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 EP-3

Tot Ion:152 Resp: 276532
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.3 187.9
 115 60.3 47.0 70.4

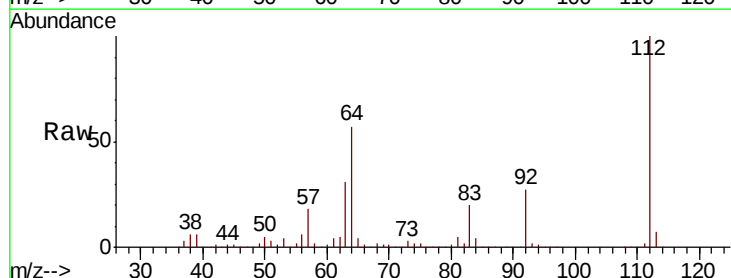


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

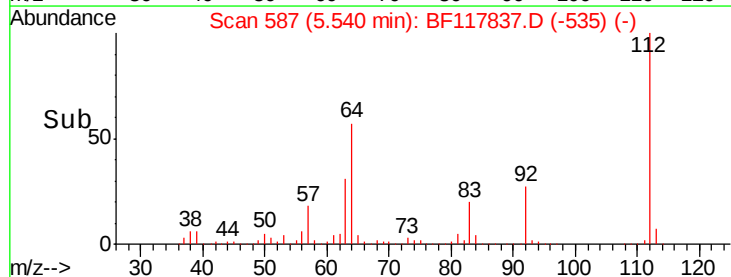
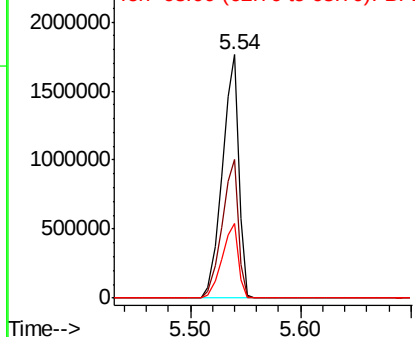


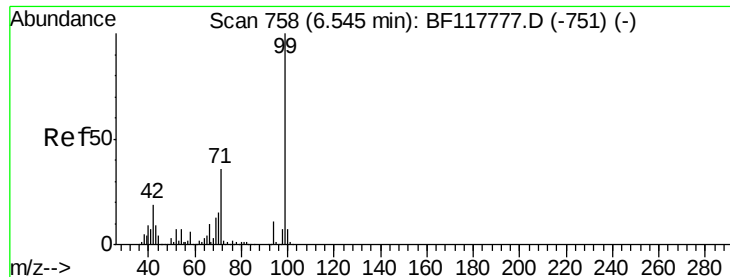
#5
 2-Fluorophenol
 Concen: 117.068 ng
 RT: 5.54 min Scan# 587
 Delta R.T. 0.01 min
 Lab File: BF117837.D
 Acq: 18 Nov 2019 16:08

Tgt Ion:112 Resp: 1828873
 Ion Ratio Lower Upper
 112 100
 64 56.7 45.6 68.4
 63 30.8 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 120.221 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF117837.D

Acq: 18 Nov 2019 16:08

Instrument :

BNA_F

ClientSampleId :

EP-3

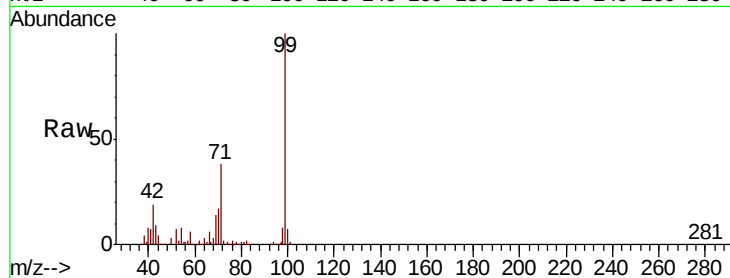
Tot Ion: 99 Resp: 2265340

Ion Ratio Lower Upper

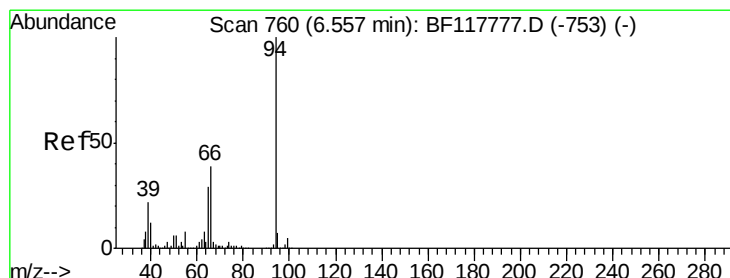
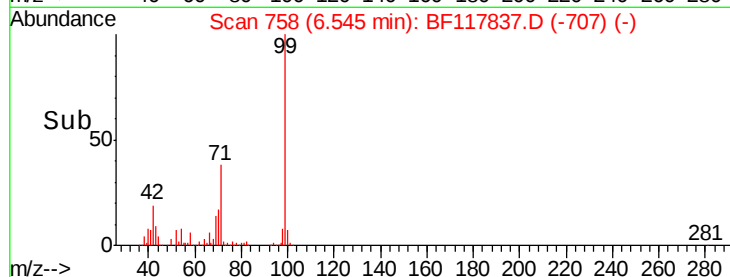
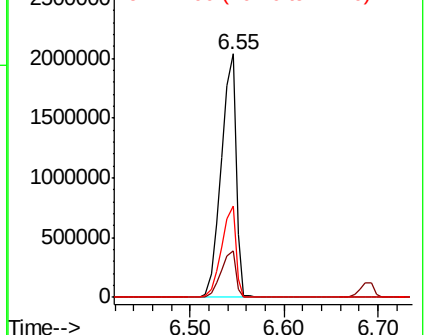
99 100

42 19.3 14.9 22.3

71 37.6 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.471 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117837.D

Acq: 18 Nov 2019 16:08

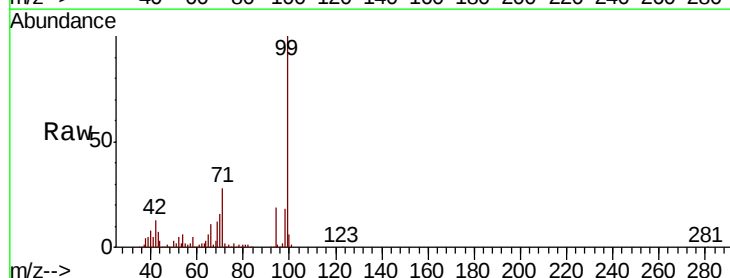
Tgt Ion: 94 Resp: 67955

Ion Ratio Lower Upper

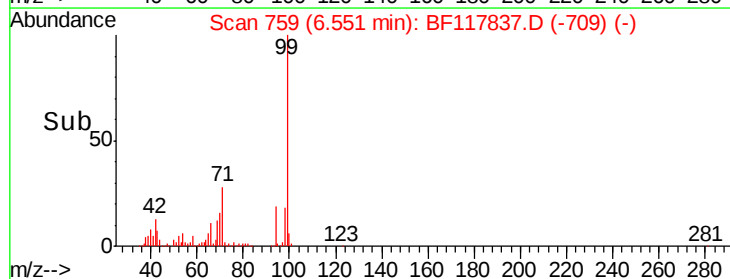
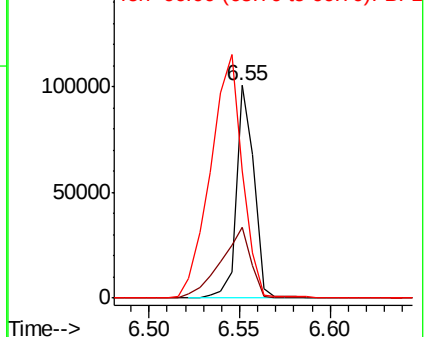
94 100

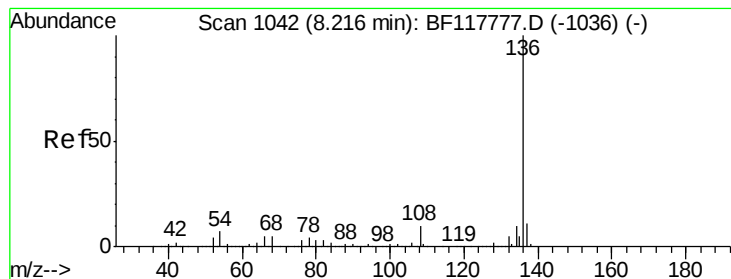
65 33.5 8.9 48.9

66 59.9 18.7 58.7#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF117837.D

Acq: 18 Nov 2019 16:08

Instrument :

BNA_F

ClientSampleId :

EP-3

Tot Ion:136 Resp: 1022894

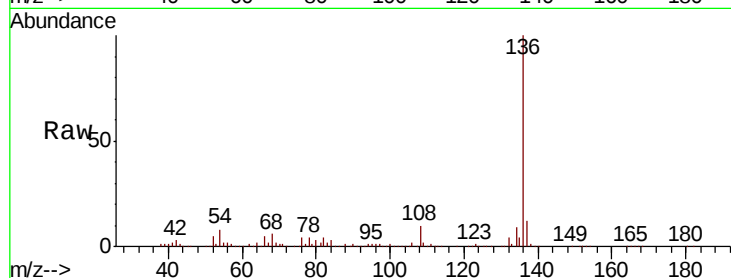
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 7.8 5.4 8.2

68 6.2 4.3 6.5

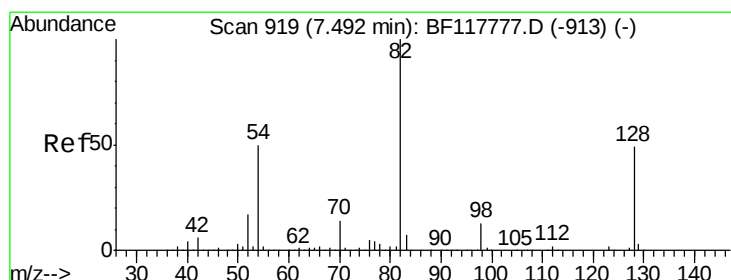
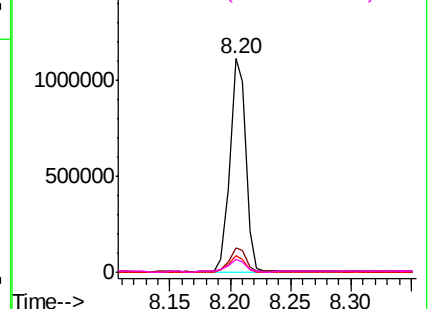
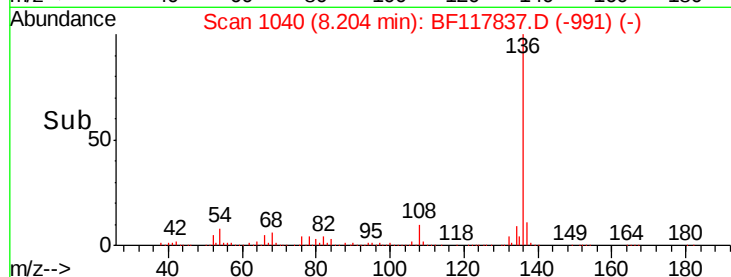


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 83.511 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF117837.D

Acq: 18 Nov 2019 16:08

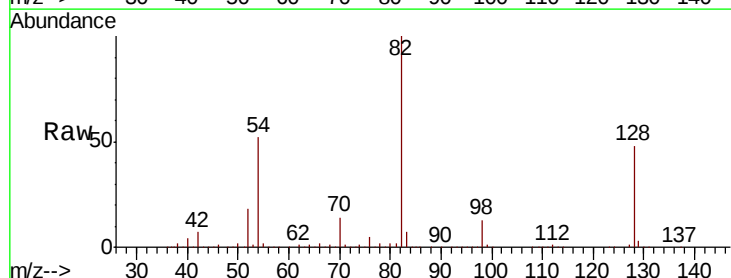
Tgt Ion: 82 Resp: 1436992

Ion Ratio Lower Upper

82 100

128 48.5 38.9 58.3

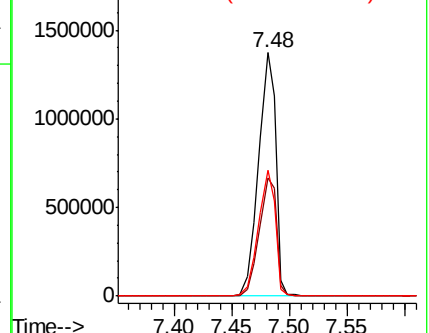
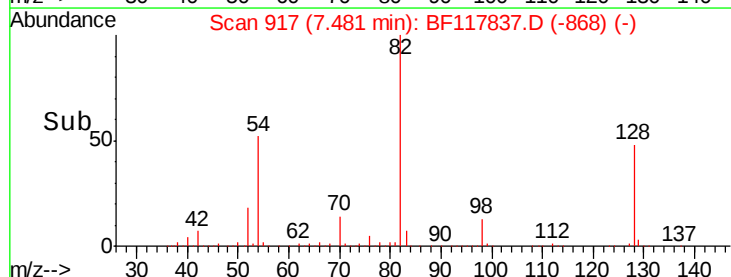
54 51.8 39.8 59.6

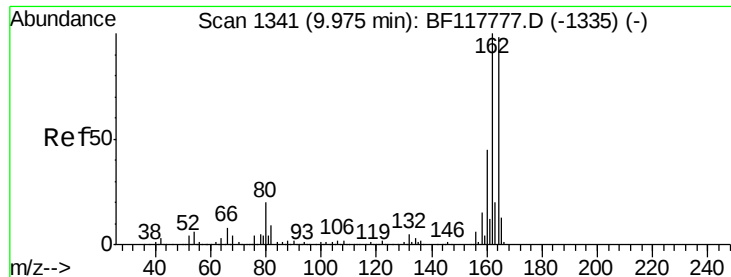


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

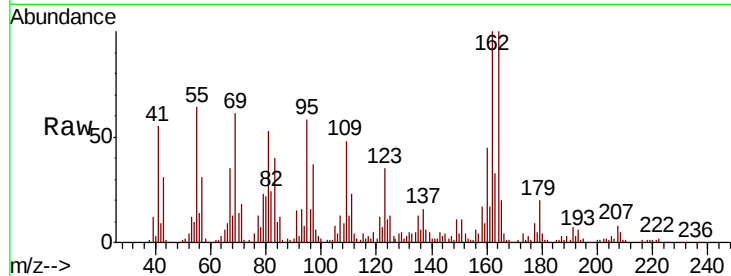




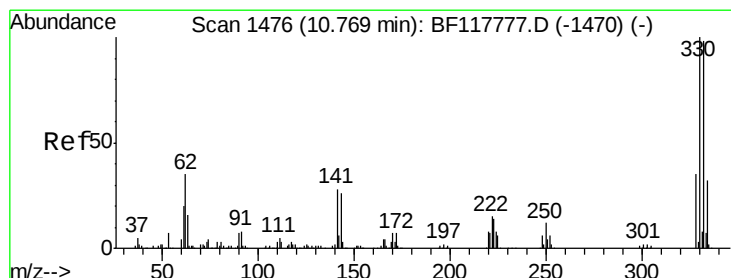
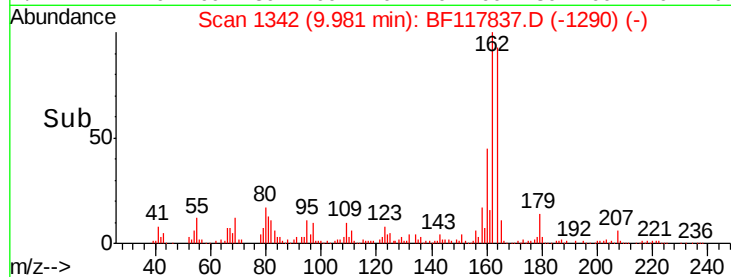
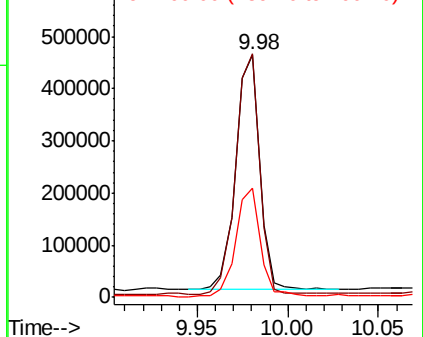
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF117837.D
 Acq: 18 Nov 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 EP-3

Tot Ion:164 Resp: 416184
 Ion Ratio Lower Upper
 164 100
 162 100.4 81.3 121.9
 160 44.8 36.6 55.0

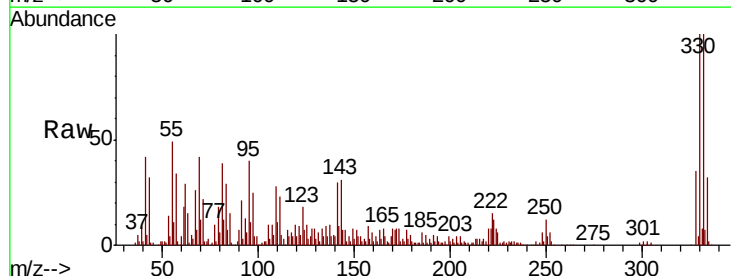


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

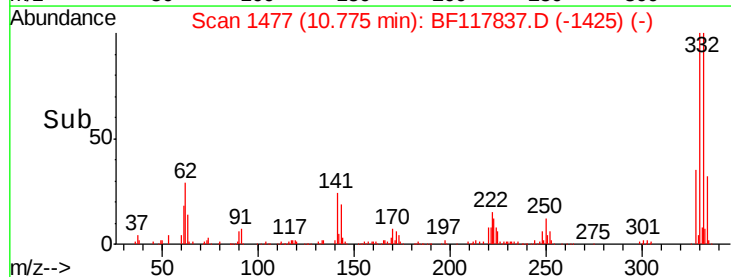
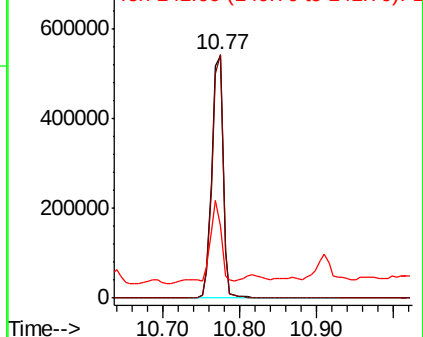


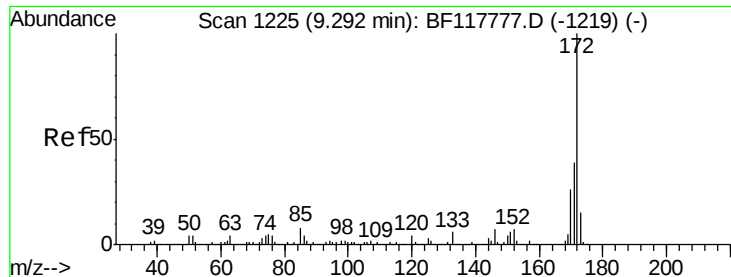
#42
 2,4,6-Tribromophenol
 Concen: 122.457 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: BF117837.D
 Acq: 18 Nov 2019 16:08

Tgt Ion:330 Resp: 539558
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.7 115.1
 141 36.2 27.7 41.5



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

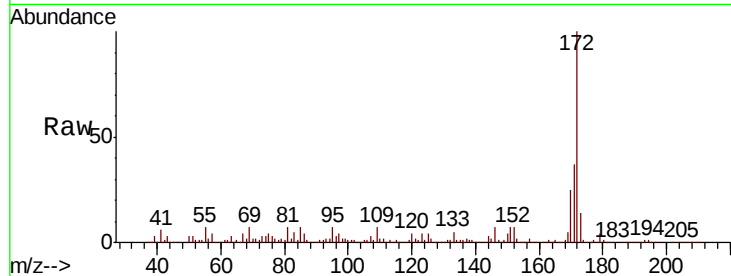




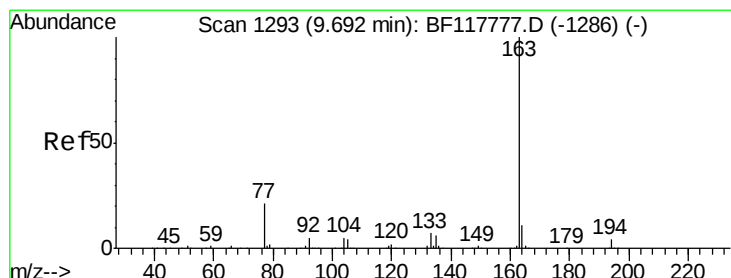
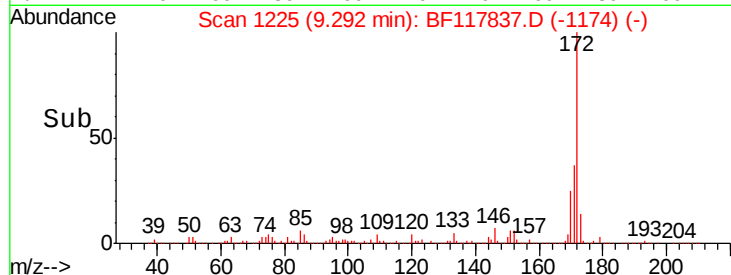
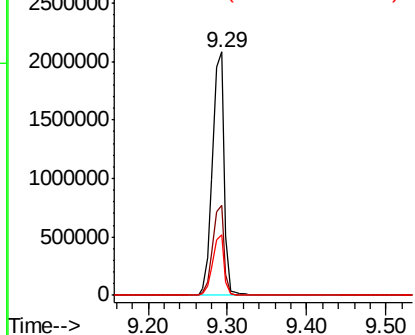
#45
2-Fluorobiphenyl
Concen: 92.038 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Instrument :
BNA_F
ClientSampled :
EP-3

Tot Ion:172 Resp: 2135124
Ion Ratio Lower Upper
172 100
171 36.8 30.9 46.3
170 25.0 21.0 31.4

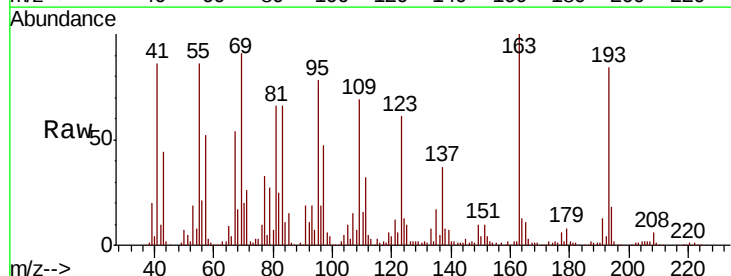


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

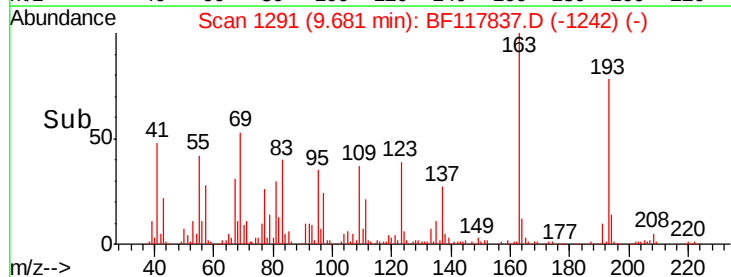
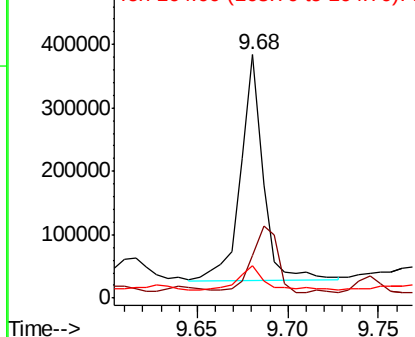


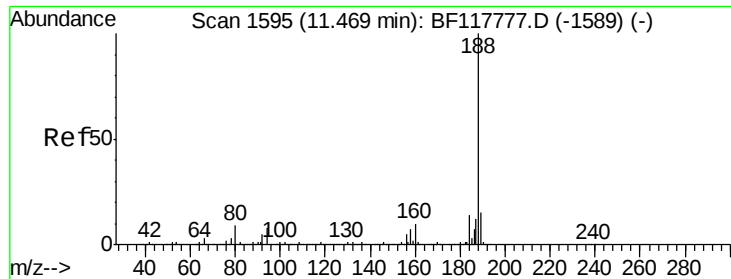
#50
Dimethylphthalate
Concen: 10.607 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Tgt Ion:163 Resp: 309556
Ion Ratio Lower Upper
163 100
194 17.7 3.3 4.9#
164 13.3 8.7 13.1#



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

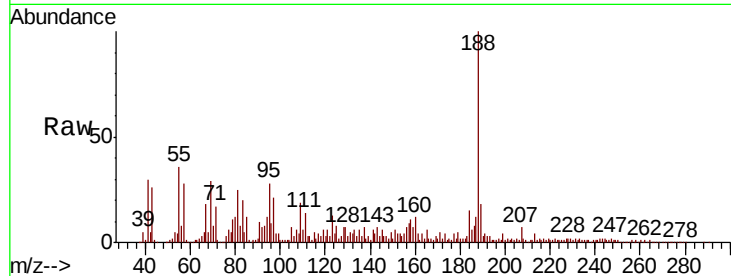




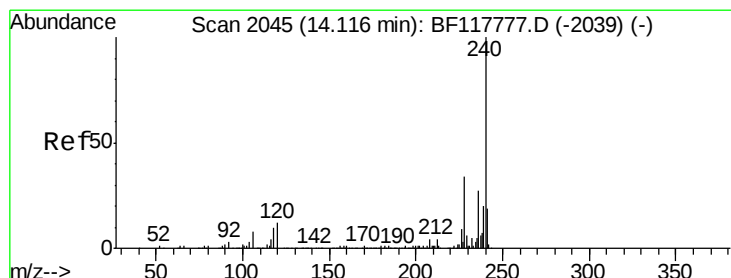
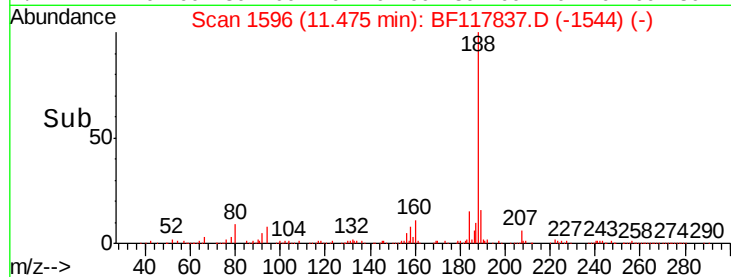
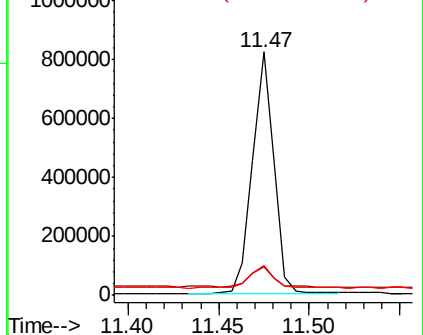
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Instrument :
BNA_F
ClientSampled :
EP-3

Tot Ion:188 Resp: 670248
Ion Ratio Lower Upper
188 100
94 11.9 6.6 10.0#
80 12.0 7.2 10.8#

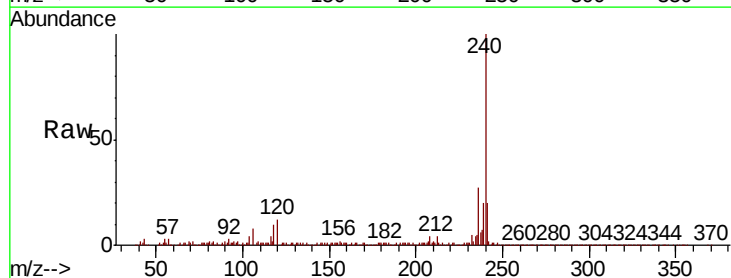


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

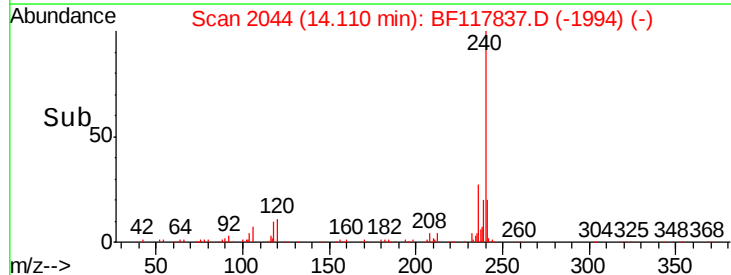
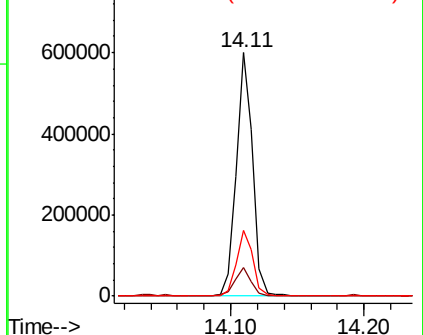


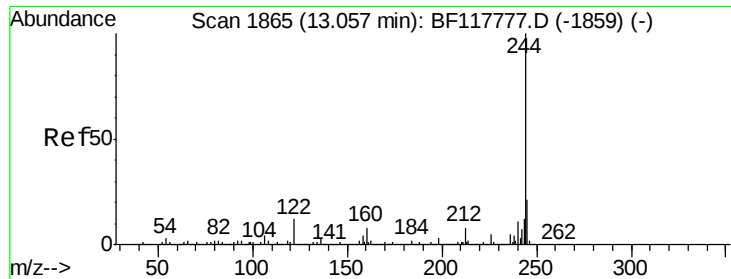
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117837.D
Acq: 18 Nov 2019 16:08

Tgt Ion:240 Resp: 511805
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 26.9 21.3 31.9



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





#79

Terphenyl-d14

Concen: 67.264 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF117837.D

Acq: 18 Nov 2019 16:08

Instrument :

BNA_F

ClientSampled :

EP-3

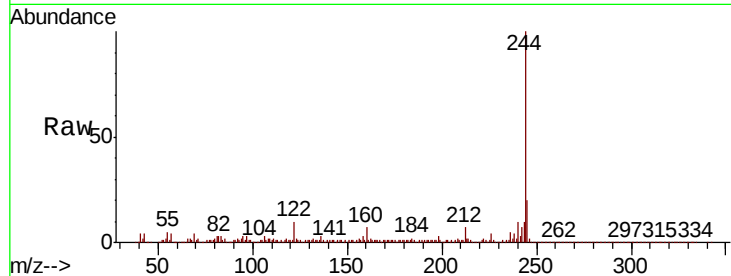
Tot Ion:244 Resp: 1883677

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

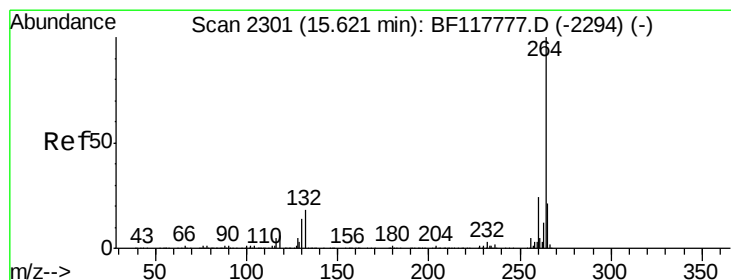
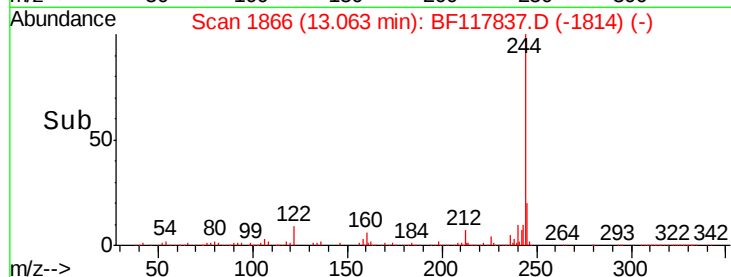
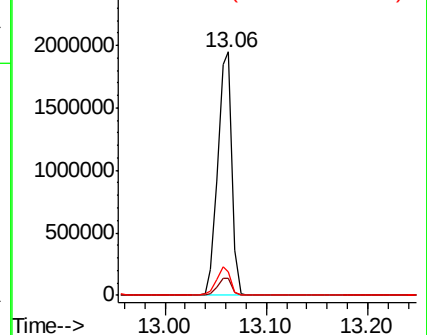
122 9.6 9.4 14.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF117837.D

Acq: 18 Nov 2019 16:08

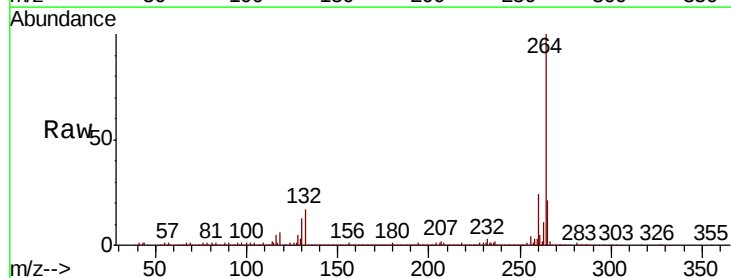
Tgt Ion:264 Resp: 659480

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 21.4 17.1 25.7



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

