

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111084.D
 Acq On : 29 Nov 2018 10:12
 Operator : JU/SJ
 Sample : J6078-18
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112618-CHDE-F-U-B

Quant Time: Nov 29 11:37:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

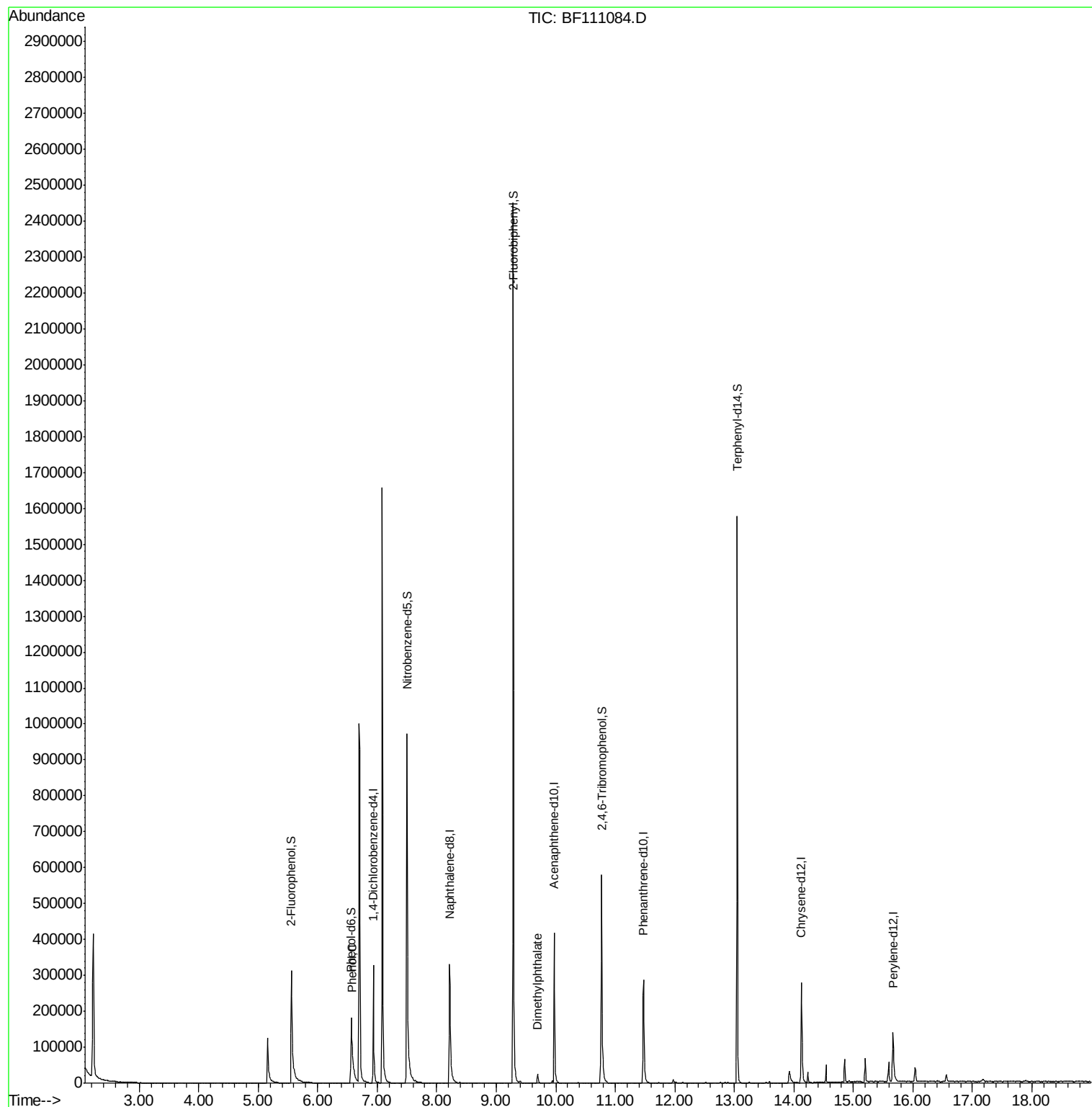
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	57854	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	244491	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	103361	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	157665	20.00	ng	0.00
76) Chrysene-d12	14.13	240	125293	20.00	ng	0.00
87) Perylene-d12	15.66	264	95623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	158878	45.54	ng	0.00
7) Phenol-d6	6.56	99	127629	28.07	ng	0.00
23) Nitrobenzene-d5	7.50	82	419726	98.25	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	85093	82.90	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	755426	105.89	ng	0.00
79) Terphenyl-d14	13.05	244	542262	84.25	ng	0.00
Target Compounds						
10) Phenol	6.58	94	12025	2.349	ng	89
50) Dimethylphthalate	9.69	163	17050	2.249	ng	# 98

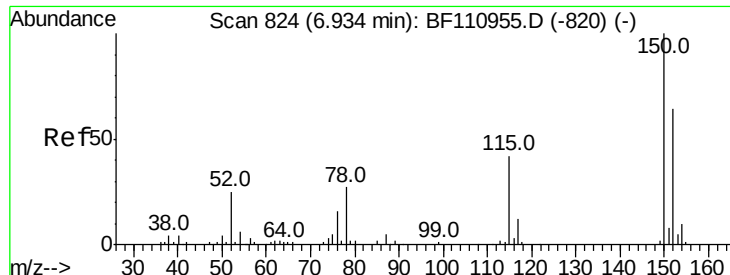
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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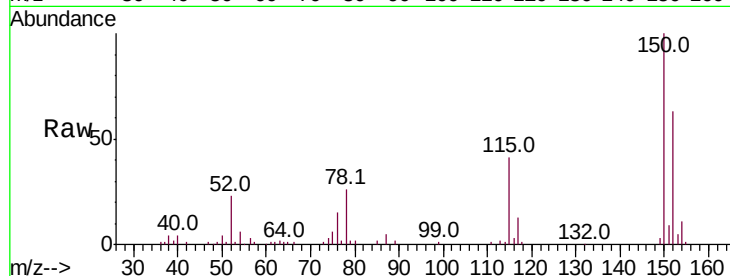


#1

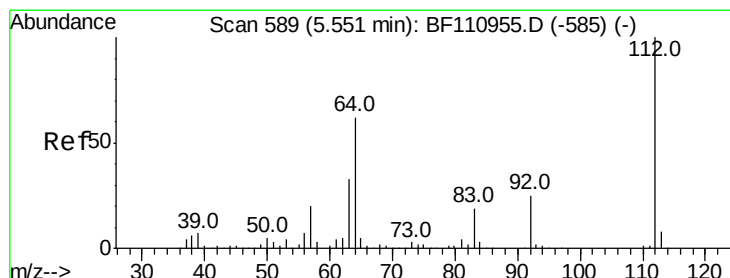
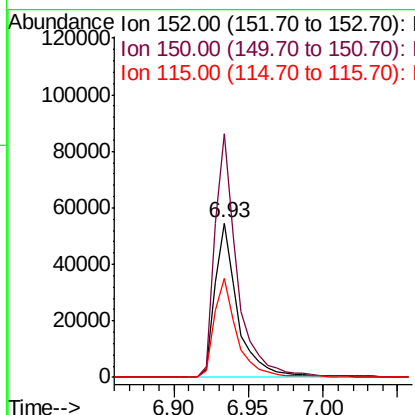
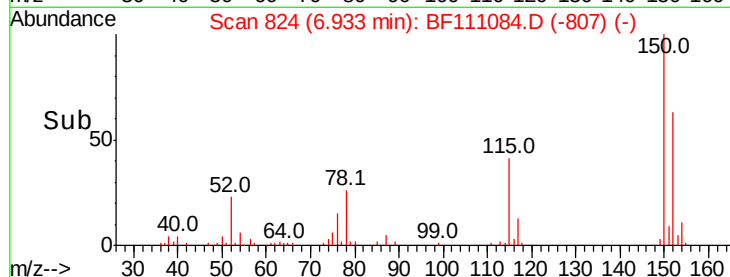
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111084.D
Acq: 29 Nov 2018 10:12

Instrument :
BNA_F
ClientSampleId :
112618-CHDE-F-U-B

Tot Ion:152 Resp: 57854
Ion Ratio Lower Upper
152 100
150 158.1 122.7 184.1
115 64.3 49.1 73.7



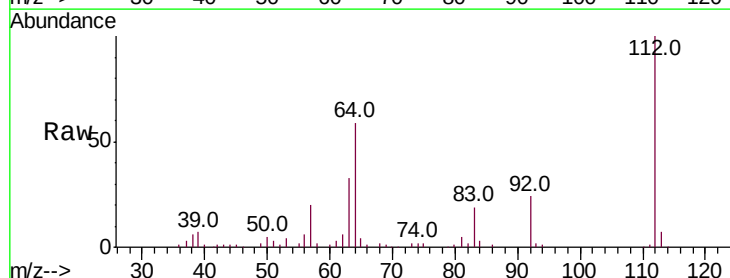
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



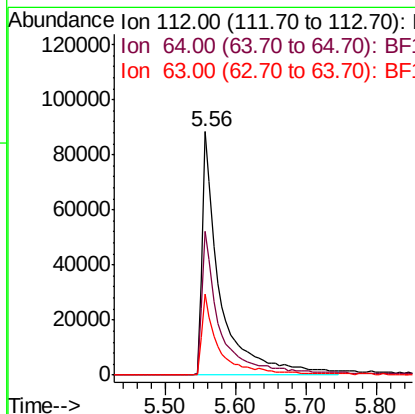
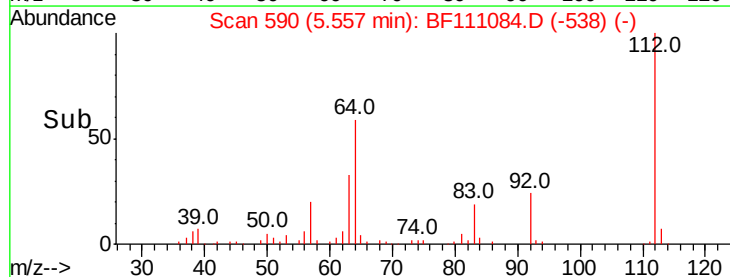
#5

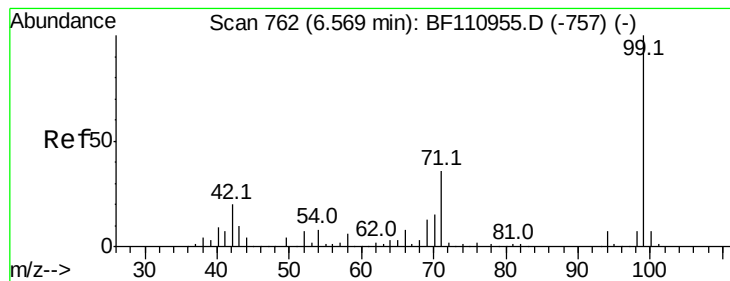
2-Fluorophenol
Concen: 45.540 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF111084.D
Acq: 29 Nov 2018 10:12

Tgt Ion:112 Resp: 158878
Ion Ratio Lower Upper
112 100
64 59.0 44.1 66.1
63 33.1 23.7 35.5



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: 28.073 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF111084.D

Acq: 29 Nov 2018 10:12

Instrument :

BNA_F

ClientSampleId :

112618-CHDE-F-U-B

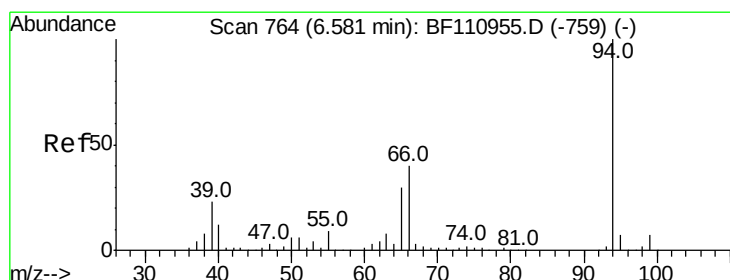
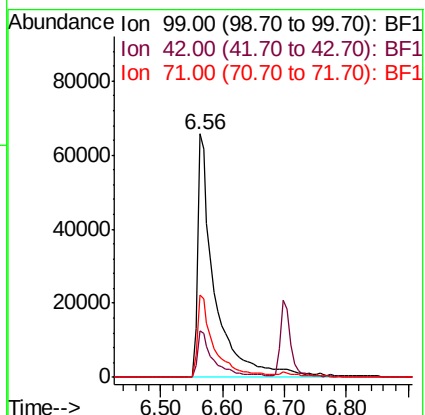
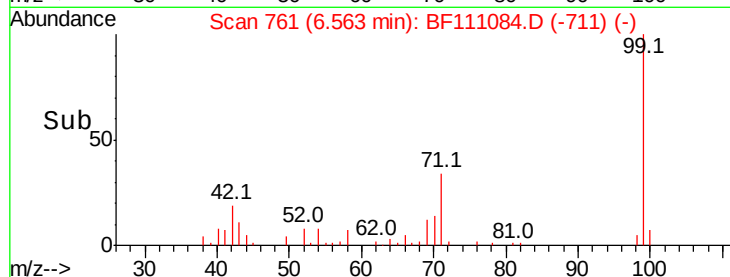
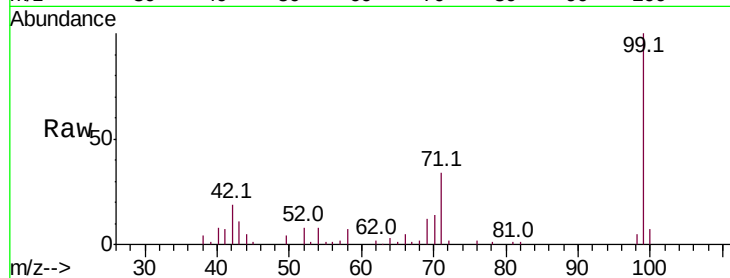
Tot Ion: 99 Resp: 127629

Ion Ratio Lower Upper

99 100

42 19.1 15.8 23.6

71 33.9 28.0 42.0



#10

Phenol

Concen: 2.349 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF111084.D

Acq: 29 Nov 2018 10:12

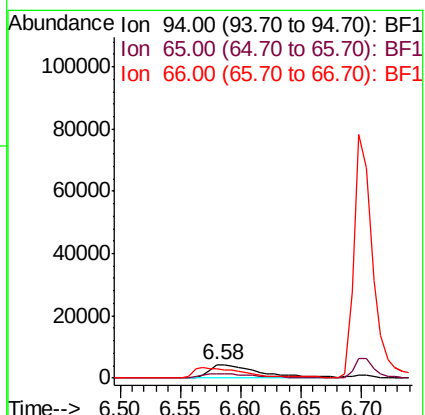
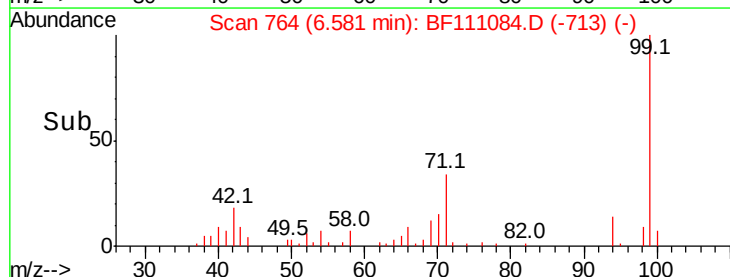
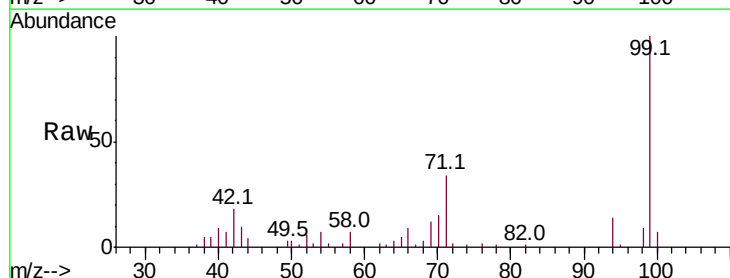
Tgt Ion: 94 Resp: 12025

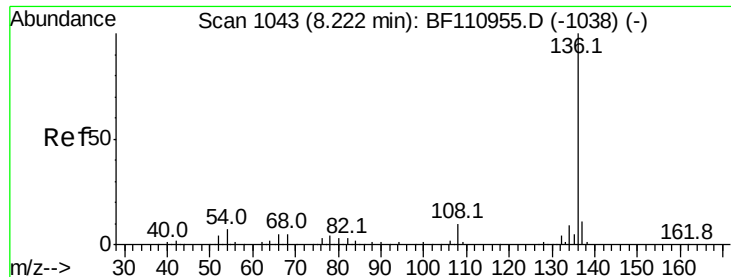
Ion Ratio Lower Upper

94 100

65 35.1 25.3 65.3

66 68.2 54.5 94.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF111084.D

Acq: 29 Nov 2018 10:12

Instrument :

BNA_F

ClientSampleId :

112618-CHDE-F-U-B

Tot Ion:136 Resp: 244491

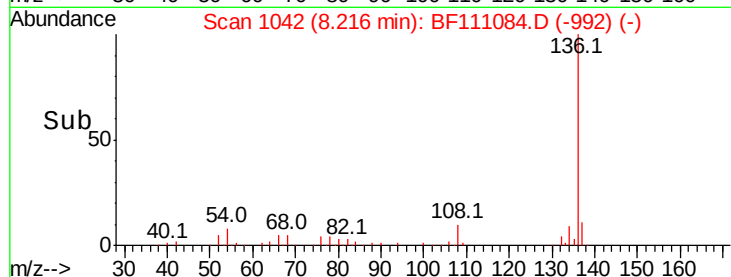
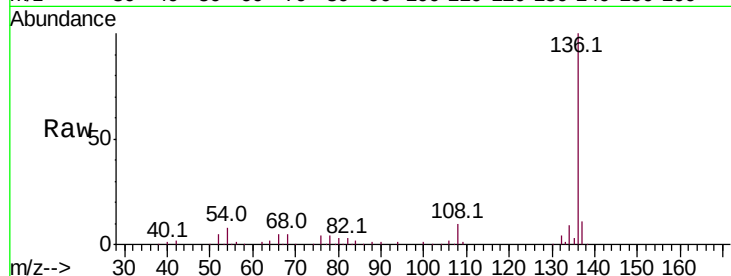
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.4 5.4 8.2#

68 5.1 4.2 6.2

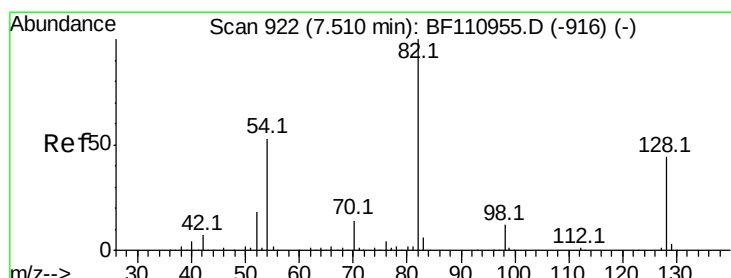
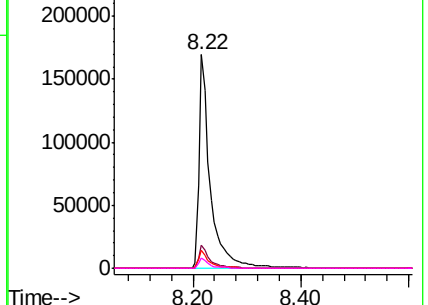


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.250 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF111084.D

Acq: 29 Nov 2018 10:12

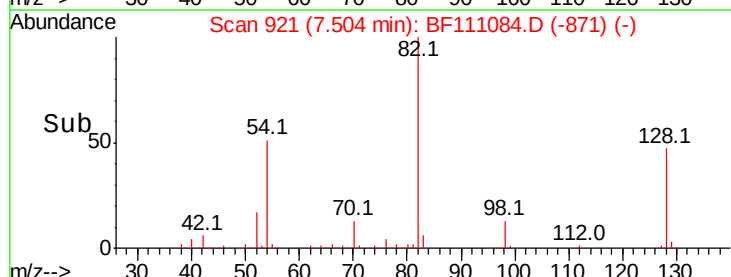
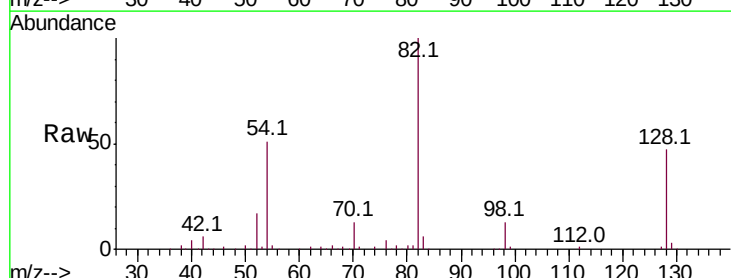
Tgt Ion: 82 Resp: 419726

Ion Ratio Lower Upper

82 100

128 47.0 34.2 51.2

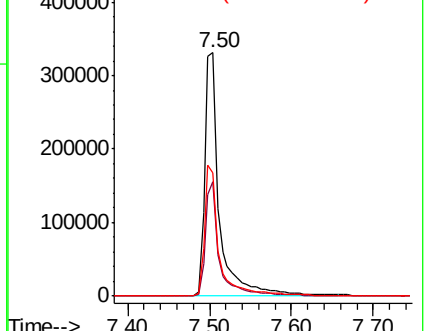
54 50.7 38.6 58.0

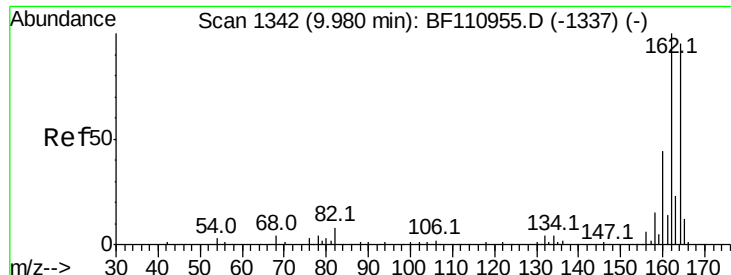


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

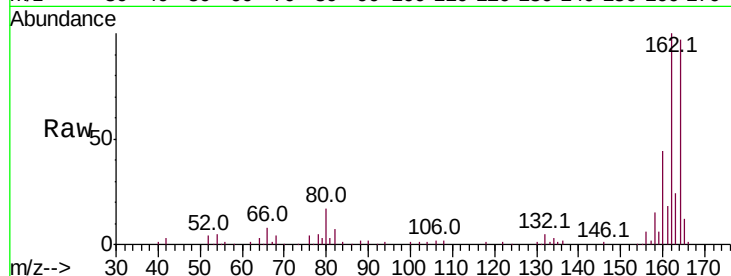




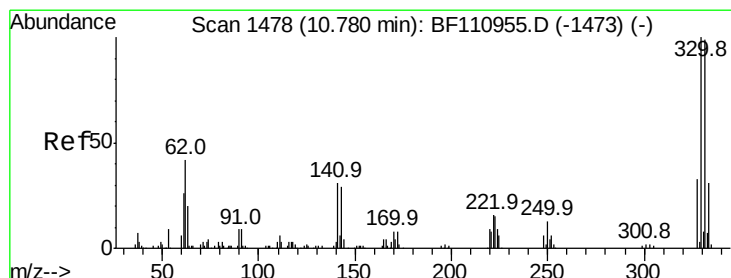
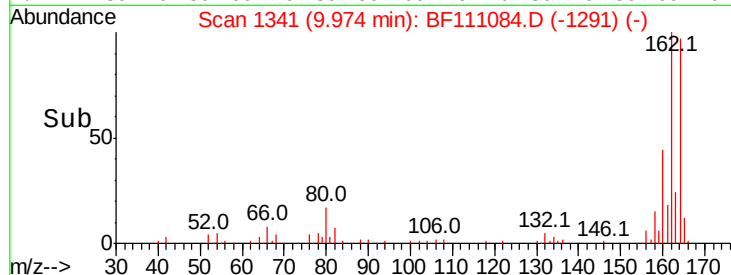
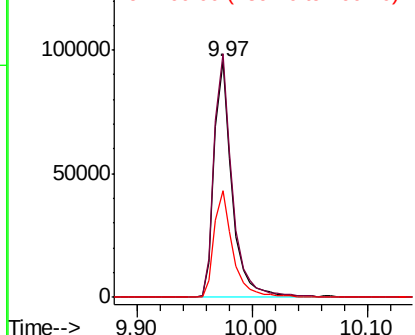
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF111084.D
 Acq: 29 Nov 2018 10:12

Instrument :
 BNA_F
 ClientSampleId :
 112618-CHDE-F-U-B

Tot Ion:164 Resp: 103361
 Ion Ratio Lower Upper
 164 100
 162 103.4 83.0 124.6
 160 45.4 37.0 55.6

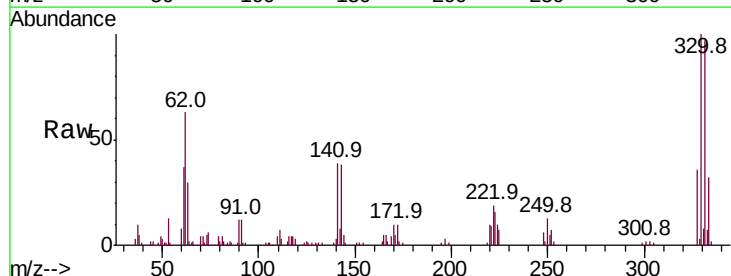


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

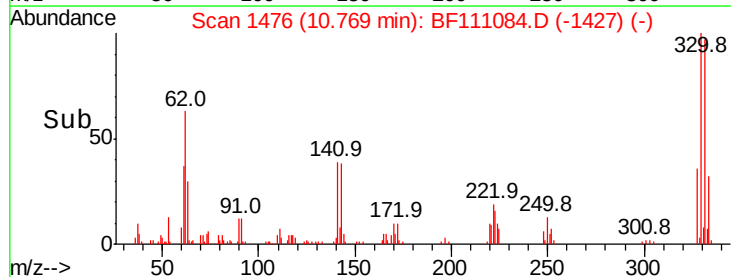
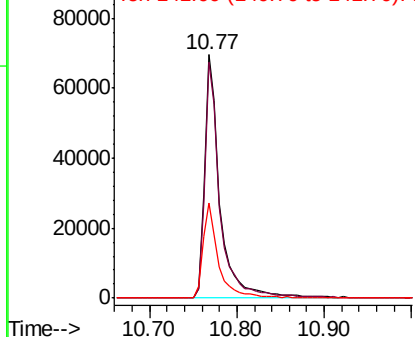


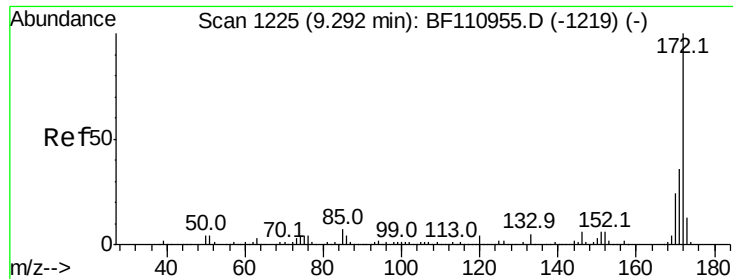
#42
 2,4,6-Tribromophenol
 Concen: 82.895 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF111084.D
 Acq: 29 Nov 2018 10:12

Tgt Ion:330 Resp: 85093
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 38.4 27.0 40.4



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

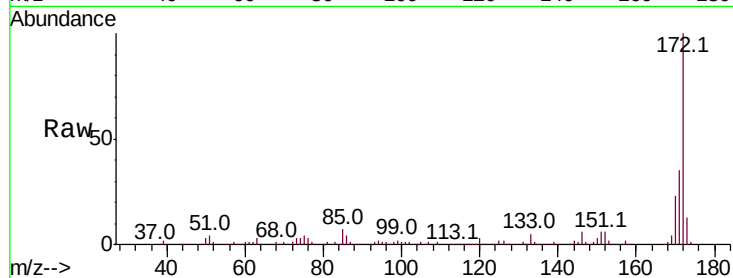




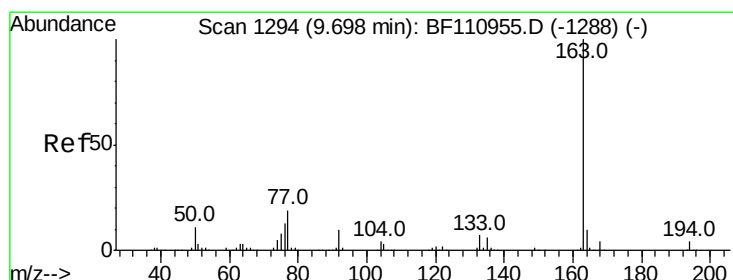
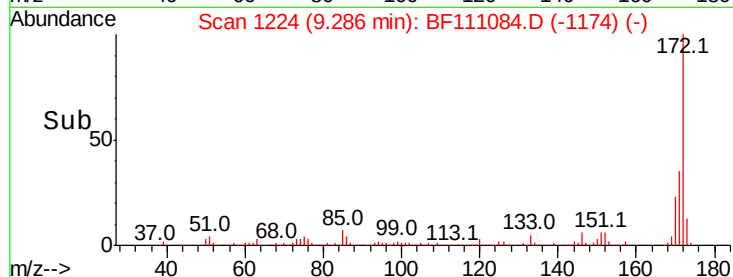
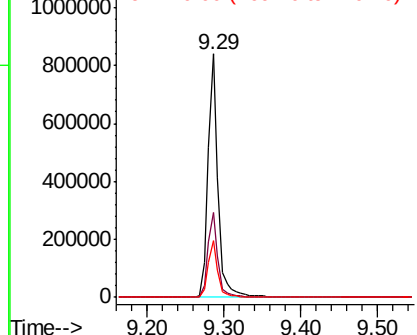
#45
 2-Fluorobiphenyl
 Concen: 105.885 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF111084.D
 Acq: 29 Nov 2018 10:12

Instrument :
 BNA_F
 ClientSampleId :
 112618-CHDE-F-U-B

Tot Ion:172 Resp: 755426
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 43.0
 170 23.1 19.7 29.5

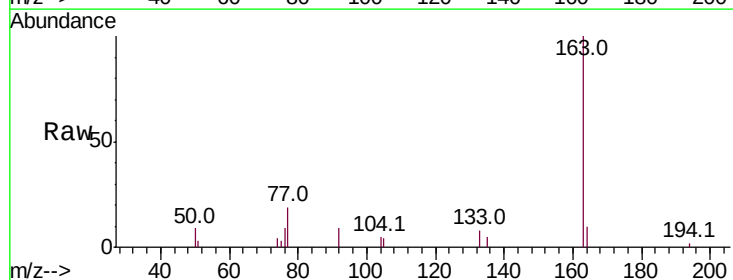


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

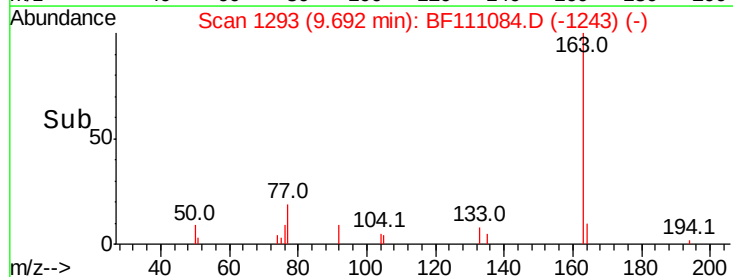
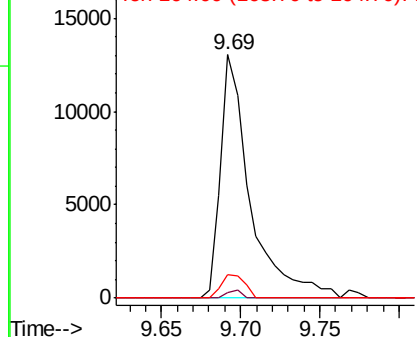


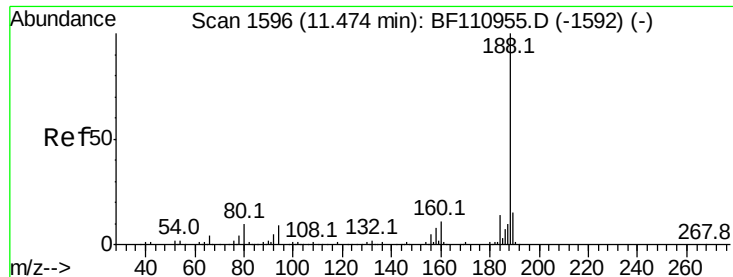
#50
 Dimethylphthalate
 Concen: 2.249 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF111084.D
 Acq: 29 Nov 2018 10:12

Tgt Ion:163 Resp: 17050
 Ion Ratio Lower Upper
 163 100
 194 2.4 3.2 4.8#
 164 9.6 8.1 12.1



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

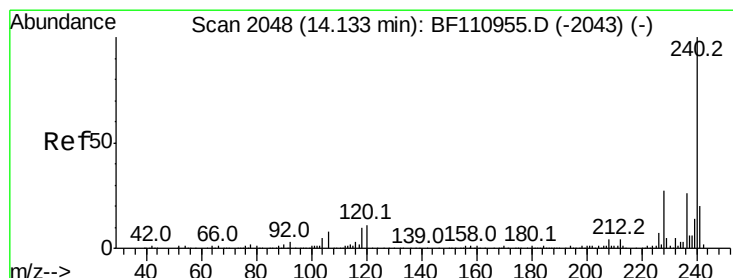
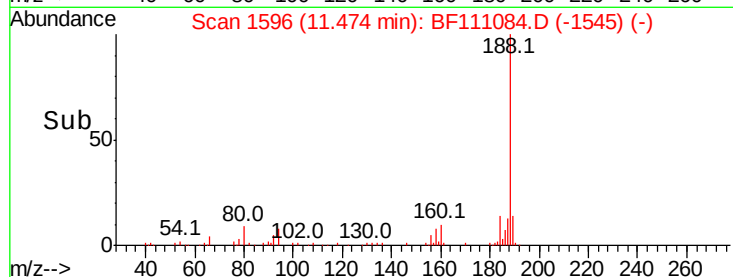
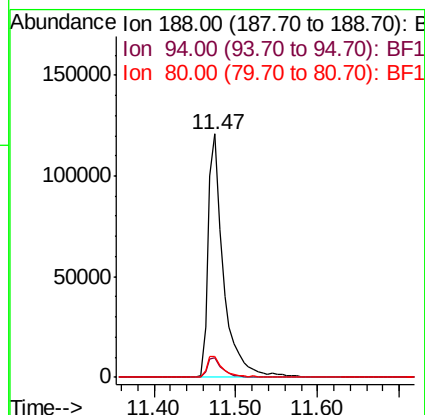
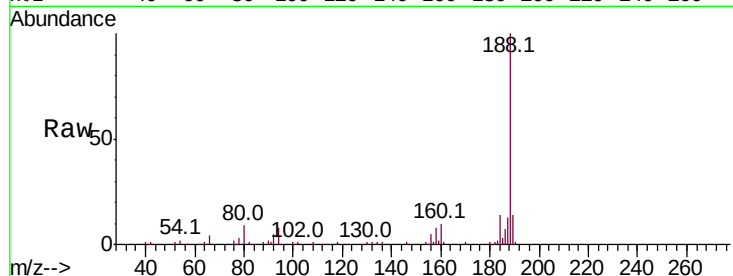




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF111084.D
Acq: 29 Nov 2018 10:12

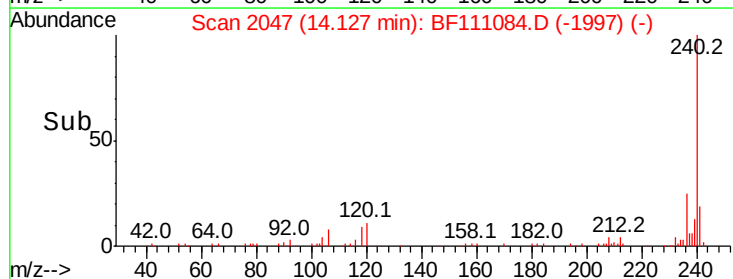
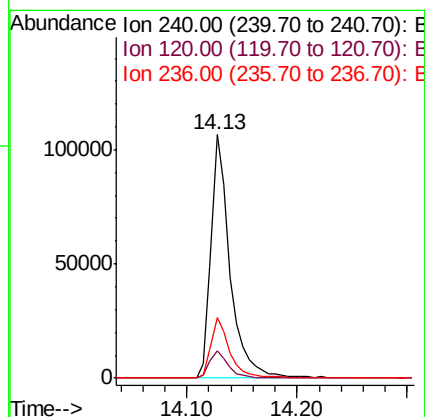
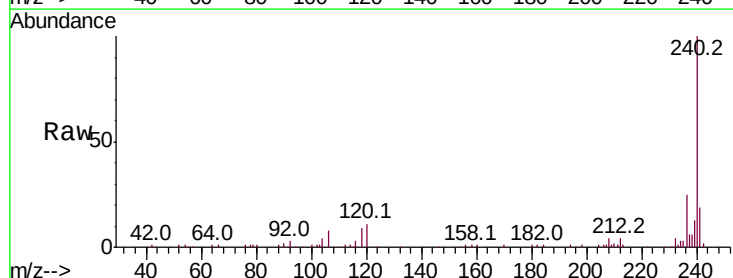
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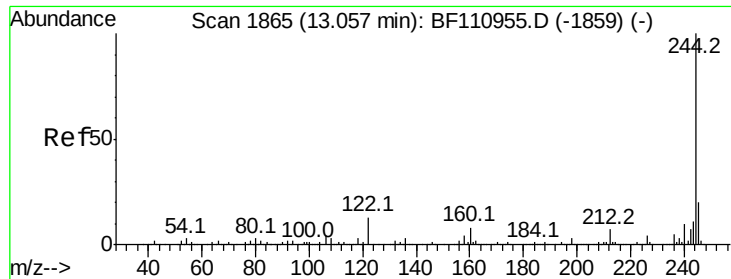
Tot Ion:188 Resp: 157665
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 8.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111084.D
Acq: 29 Nov 2018 10:12

Tgt Ion:240 Resp: 125293
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 25.1 21.2 31.8





#79

Terphenyl-d14

Concen: 84.250 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF111084.D

Acq: 29 Nov 2018 10:12

Instrument :

BNA_F

ClientSampleId :

112618-CHDE-F-U-B

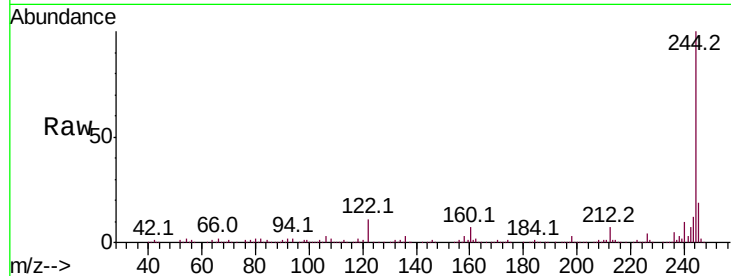
Tot Ion:244 Resp: 542262

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

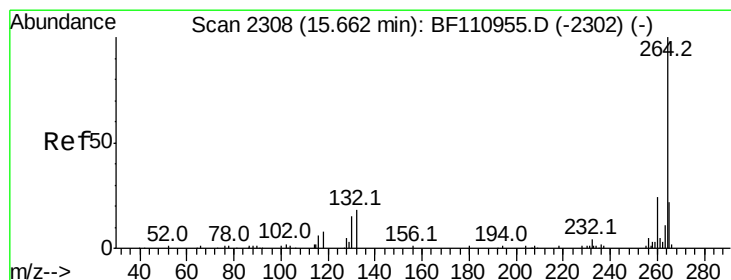
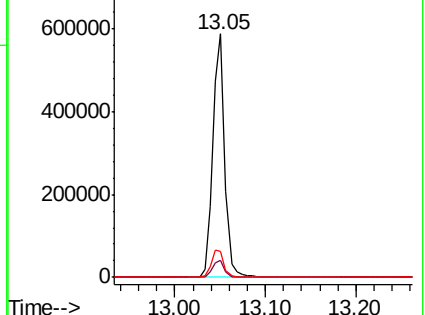
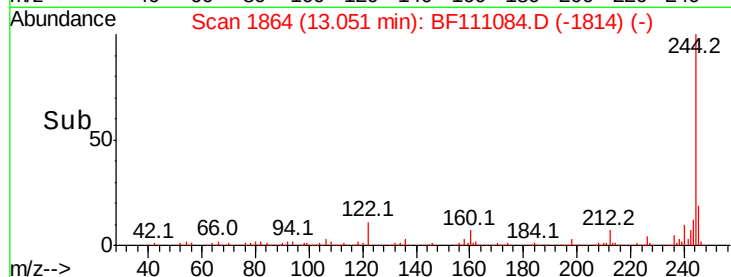
122 10.7 8.7 13.1



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: 15.66 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BF111084.D

Acq: 29 Nov 2018 10:12

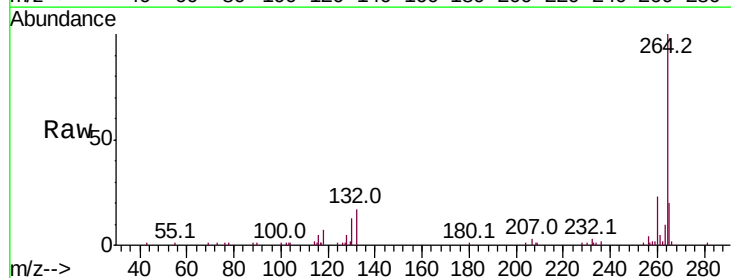
Tgt Ion:264 Resp: 95623

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 19.6 16.7 25.1



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

