

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
 Data File : BF117890.D
 Acq On : 20 Nov 2019 13:58
 Operator : JU
 Sample : K5908-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-8-3-(6-12)

Quant Time: Nov 21 03:30:10 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

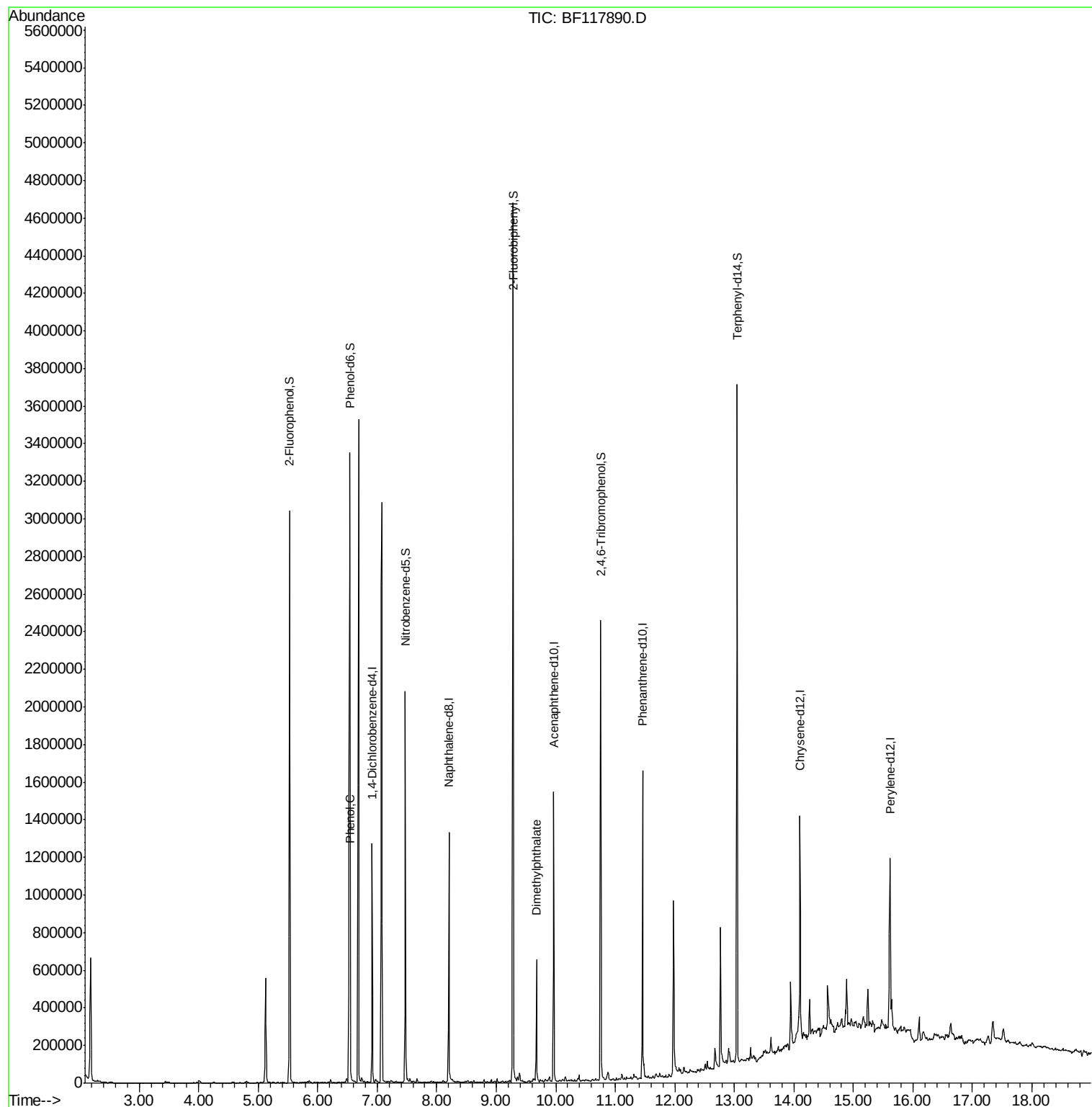
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	169541	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	568232	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	314467	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	541978	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	360106	20.00	ng	-0.01
87) Perylene-d12	15.62	264	429414	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	836154	87.30	ng	0.00
7) Phenol-d6	6.54	99	1140378	98.71	ng	0.00
23) Nitrobenzene-d5	7.47	82	624811	65.36	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	301124	90.45	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1368942	78.10	ng	-0.01
79) Terphenyl-d14	13.04	244	1186872	60.24	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	62657	5.219	ng	95
50) Dimethylphthalate	9.67	163	254607	11.546	ng	98

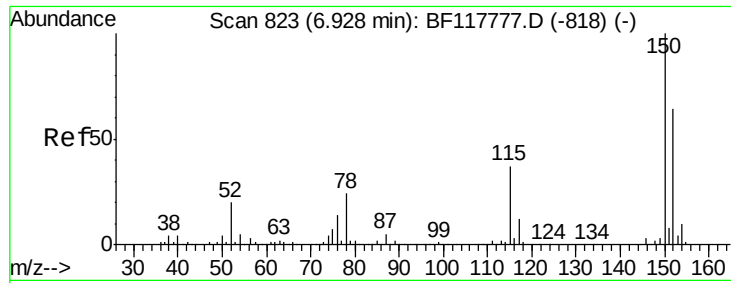
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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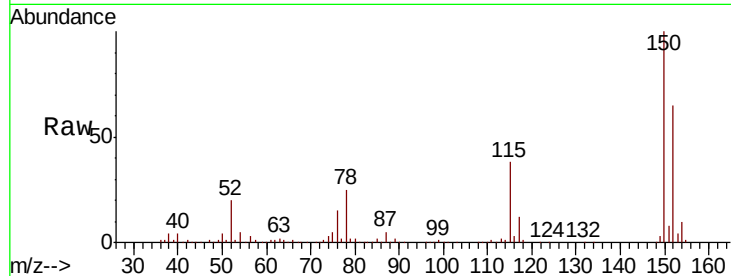


#1

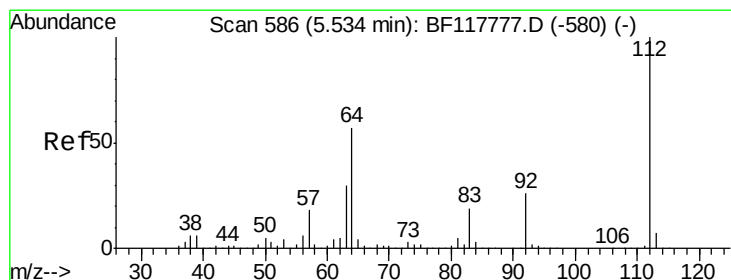
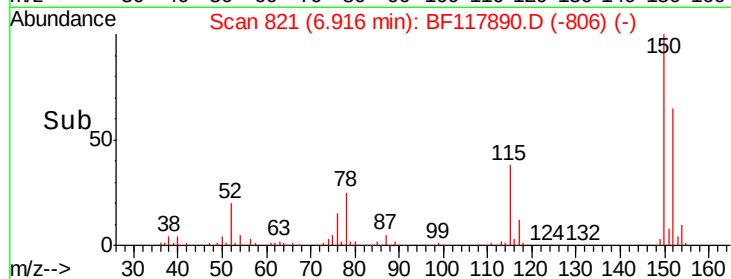
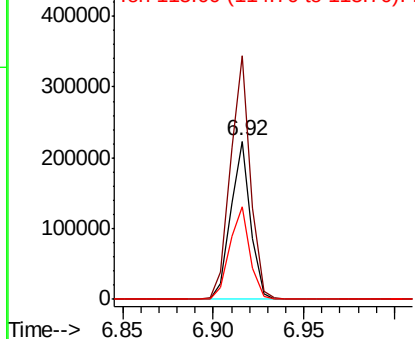
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF117890.D
 Acq: 20 Nov 2019 13:58

Instrument :
 BNA_F
 ClientSampleId :
 B-8-3-(6-12)

Tot Ion:152 Resp: 169541
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.3 187.9
 115 58.5 47.0 70.4



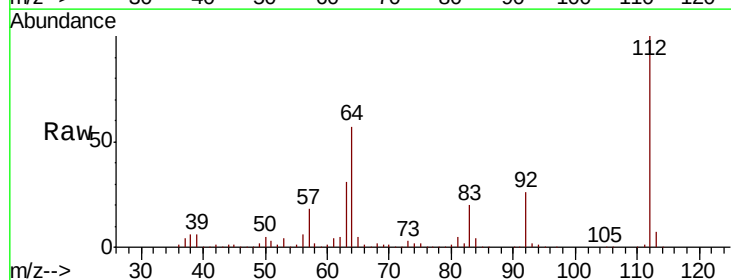
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



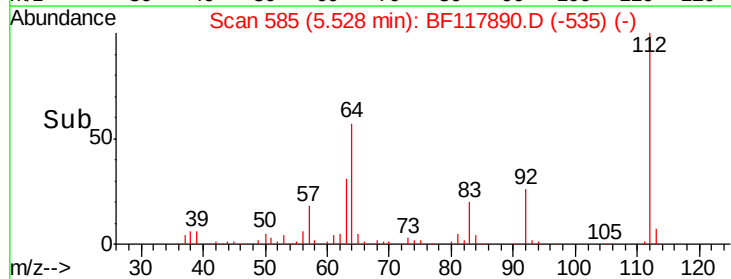
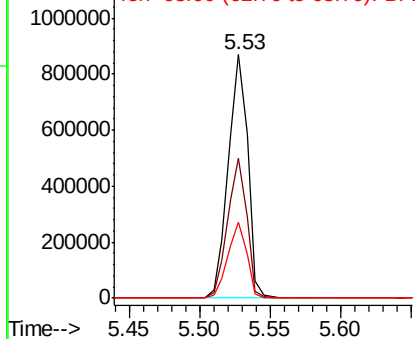
#5

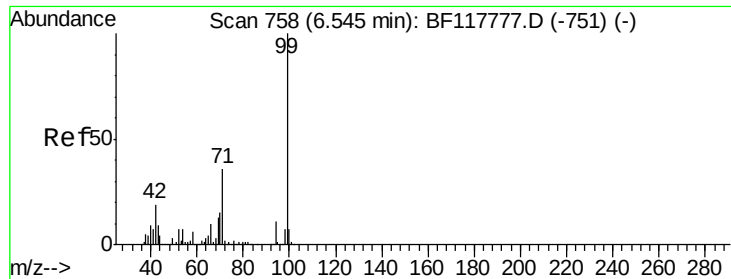
2-Fluorophenol
 Concen: 87.299 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF117890.D
 Acq: 20 Nov 2019 13:58

Tgt Ion:112 Resp: 836154
 Ion Ratio Lower Upper
 112 100
 64 57.4 45.6 68.4
 63 31.3 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: 98.712 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117890.D

Acq: 20 Nov 2019 13:58

Instrument :

BNA_F

ClientSampleId :

B-8-3-(6-12)

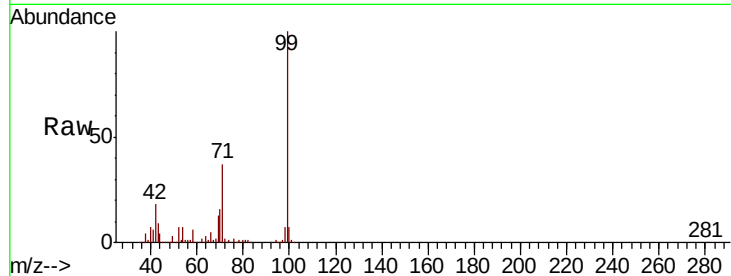
Tot Ion: 99 Resp: 1140378

Ion Ratio Lower Upper

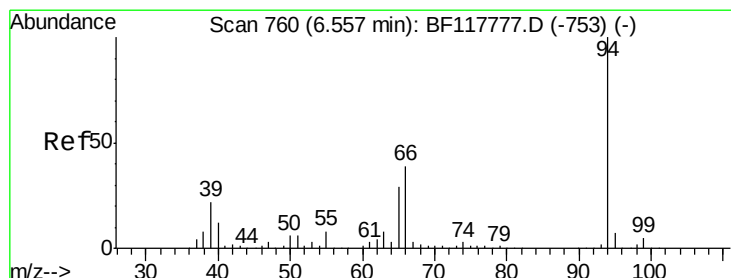
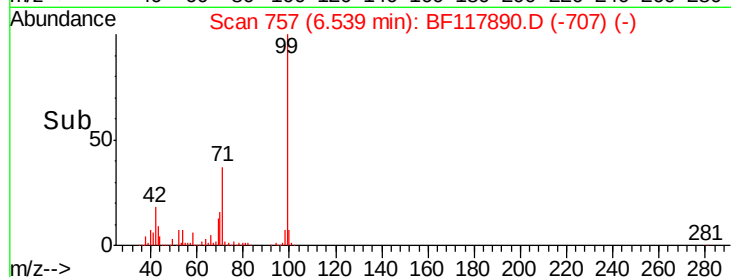
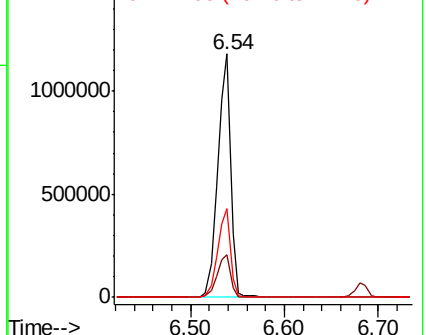
99 100

42 17.7 14.9 22.3

71 36.7 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: 5.219 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117890.D

Acq: 20 Nov 2019 13:58

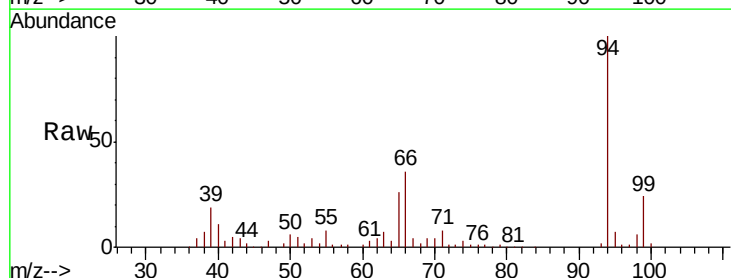
Tgt Ion: 94 Resp: 62657

Ion Ratio Lower Upper

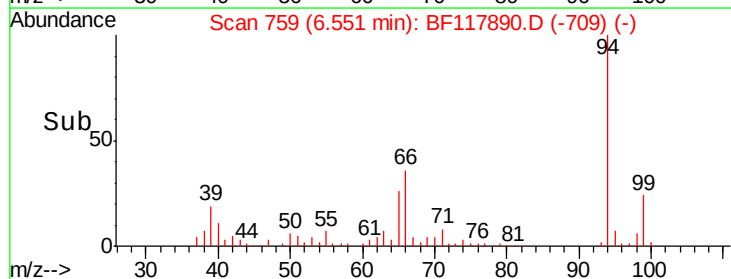
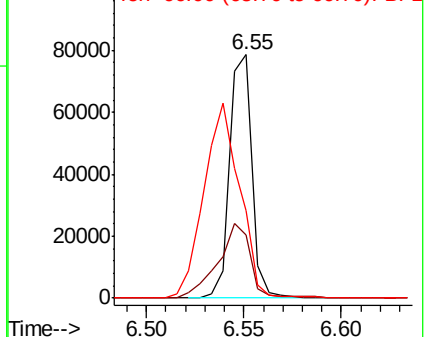
94 100

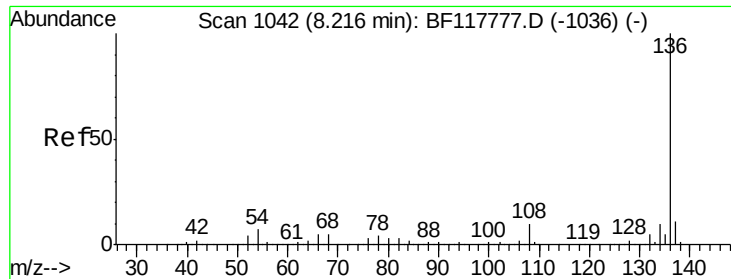
65 26.0 8.9 48.9

66 35.7 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: BF117890.D

Acq: 20 Nov 2019 13:58

Instrument :

BNA_F

ClientSampleId :

B-8-3-(6-12)

Tot Ion:136 Resp: 568232

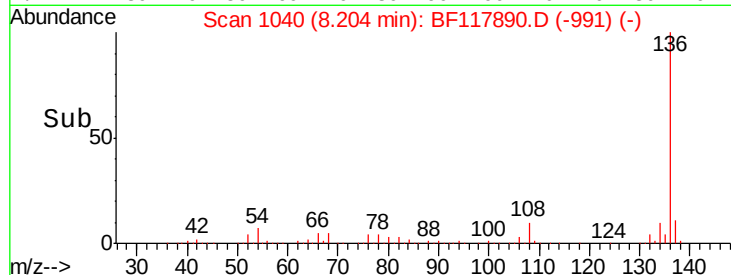
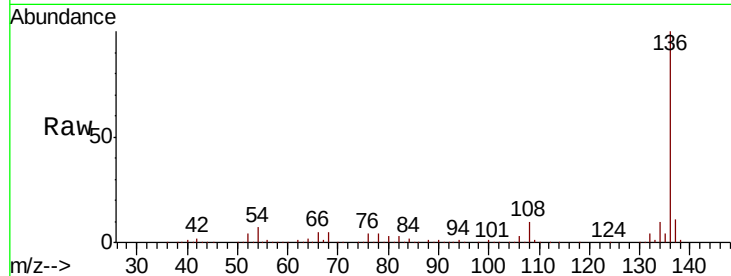
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.7 5.4 8.2

68 4.6 4.3 6.5

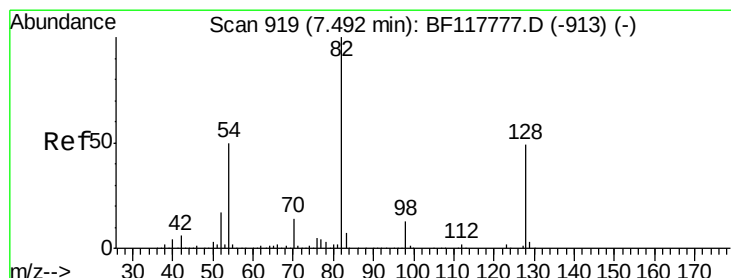
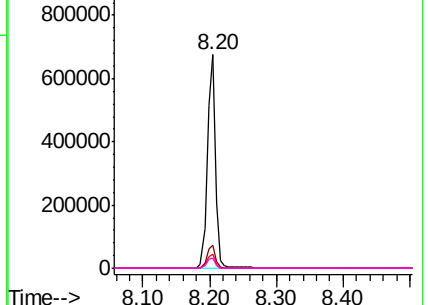


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.365 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF117890.D

Acq: 20 Nov 2019 13:58

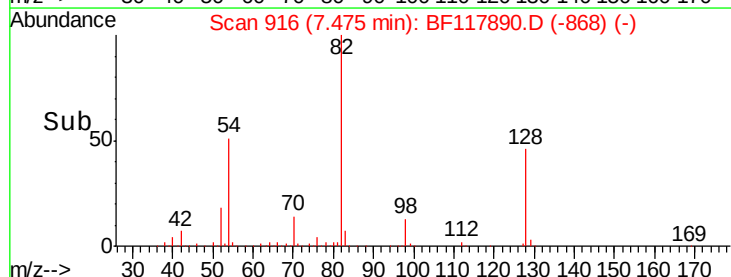
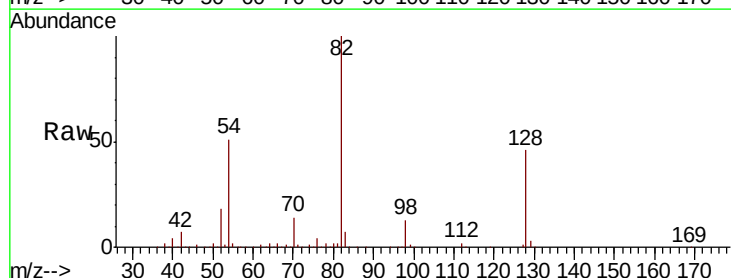
Tgt Ion: 82 Resp: 624811

Ion Ratio Lower Upper

82 100

128 45.6 38.9 58.3

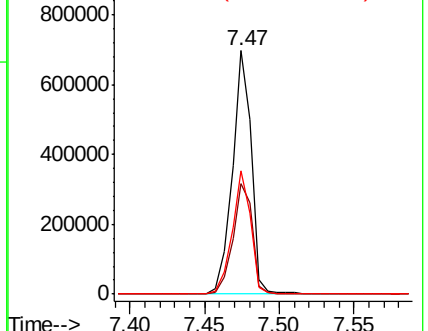
54 50.9 39.8 59.6

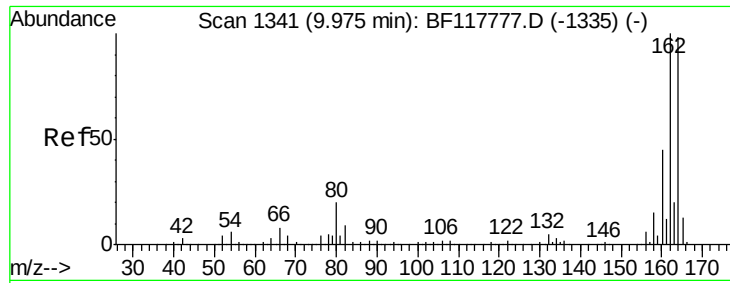


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

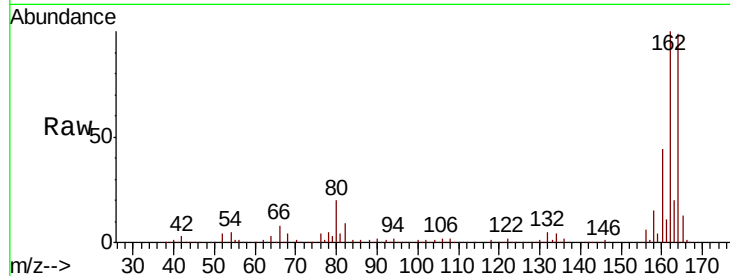




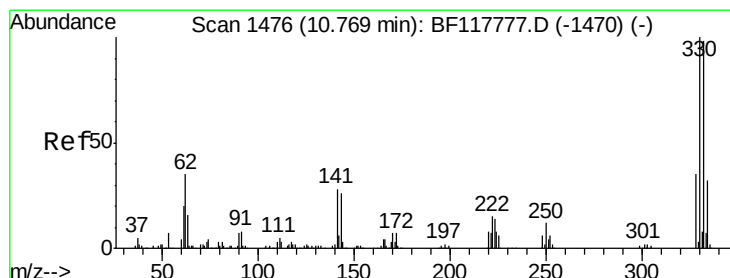
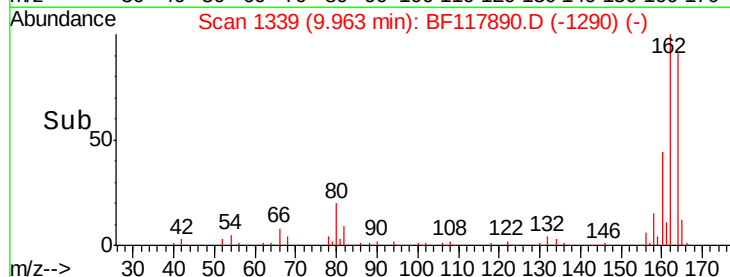
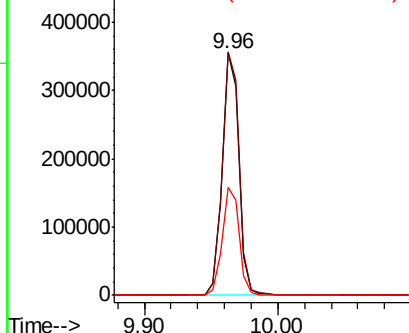
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF117890.D
 Acq: 20 Nov 2019 13:58

Instrument :
 BNA_F
 ClientSampleId :
 B-8-3-(6-12)

Tot Ion:164 Resp: 314467
 Ion Ratio Lower Upper
 164 100
 162 100.7 81.3 121.9
 160 44.5 36.6 55.0

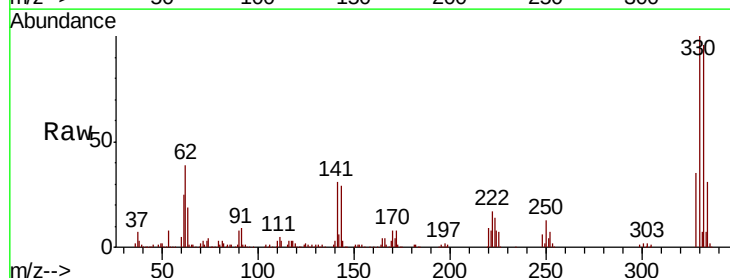


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

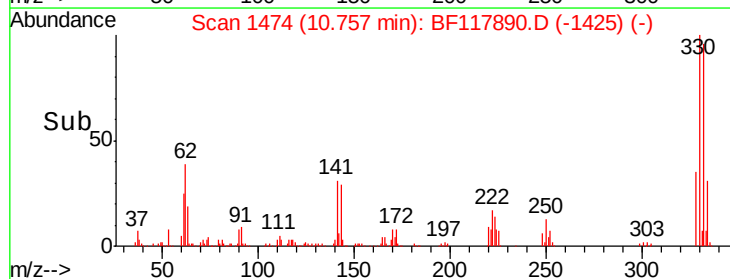
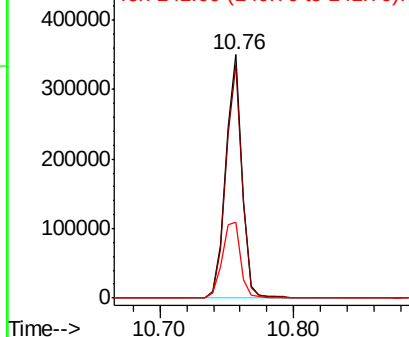


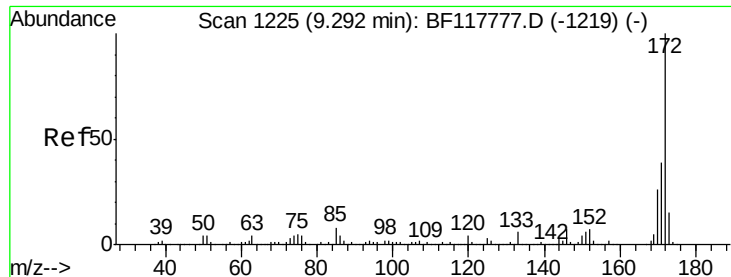
#42
 2,4,6-Tribromophenol
 Concen: 90.449 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BF117890.D
 Acq: 20 Nov 2019 13:58

Tgt Ion:330 Resp: 301124
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.7 115.1
 141 35.0 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

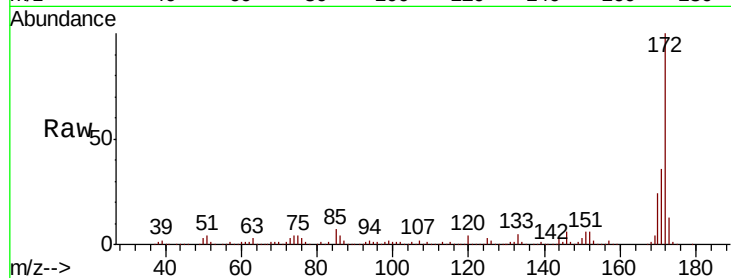




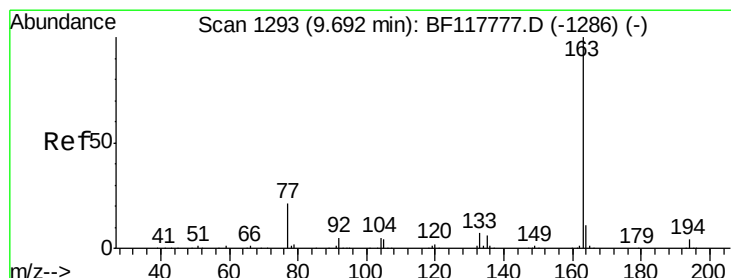
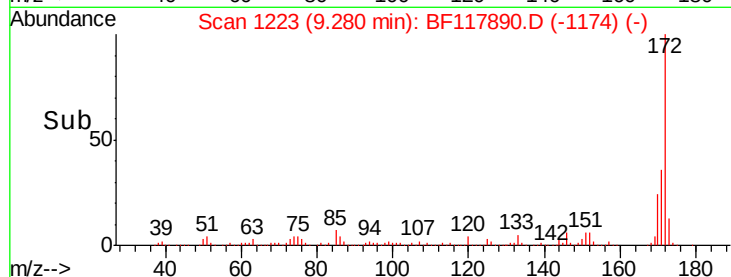
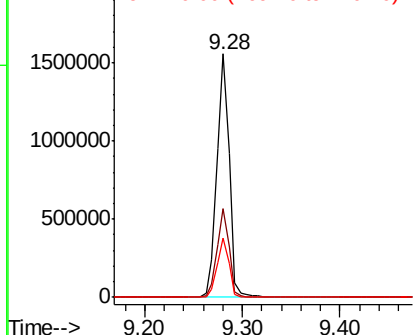
#45
2-Fluorobiphenyl
Concen: 78.098 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117890.D
Acq: 20 Nov 2019 13:58

Instrument :
BNA_F
ClientSampleId :
B-8-3-(6-12)

Tot Ion:172 Resp: 1368942
Ion Ratio Lower Upper
172 100
171 36.4 30.9 46.3
170 24.3 21.0 31.4

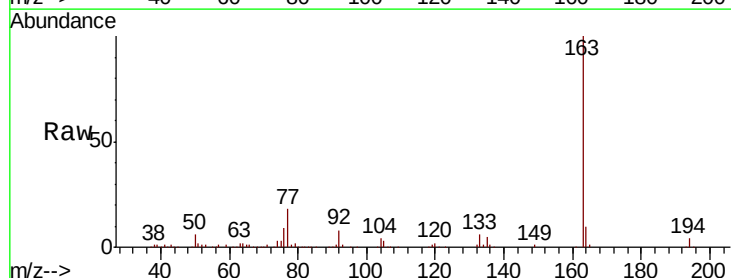


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

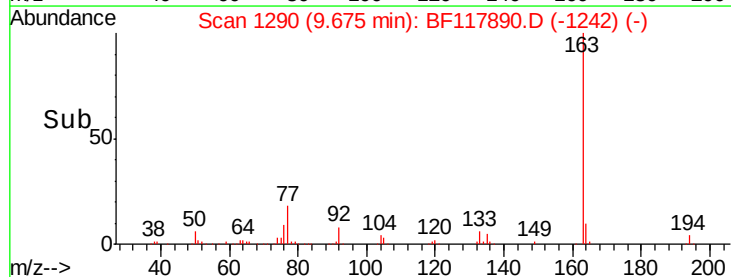
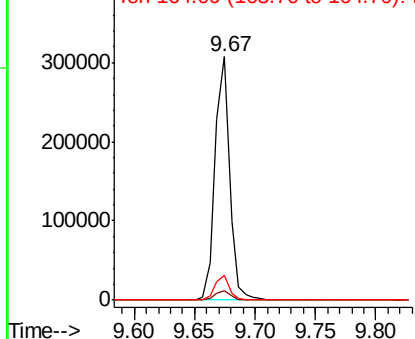


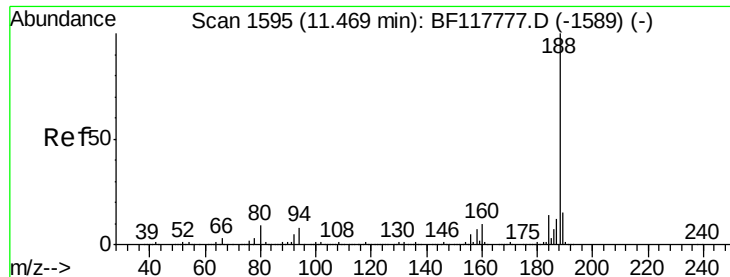
#50
Dimethylphthalate
Concen: 11.546 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117890.D
Acq: 20 Nov 2019 13:58

Tgt Ion:163 Resp: 254607
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 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: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117890.D

Acq: 20 Nov 2019 13:58

Instrument :

BNA_F

ClientSampleId :

B-8-3-(6-12)

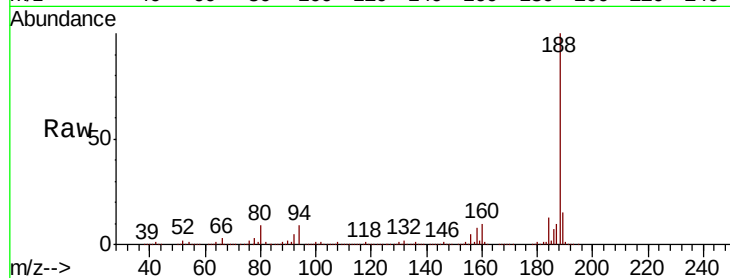
Tot Ion:188 Resp: 541978

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

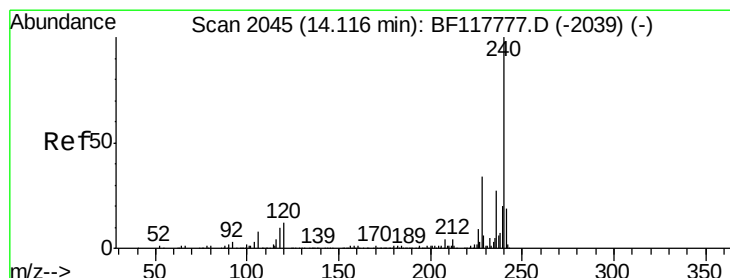
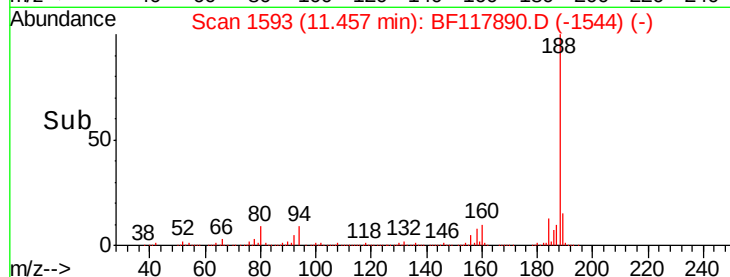
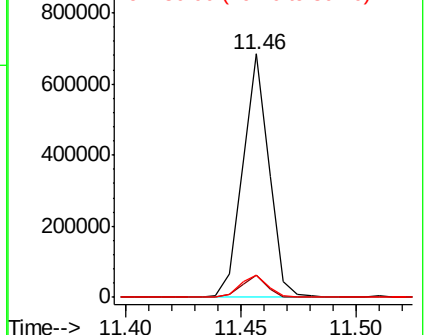
80 9.1 7.2 10.8



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: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117890.D

Acq: 20 Nov 2019 13:58

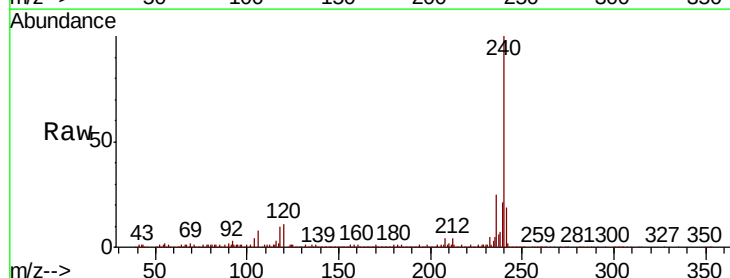
Tgt Ion:240 Resp: 360106

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

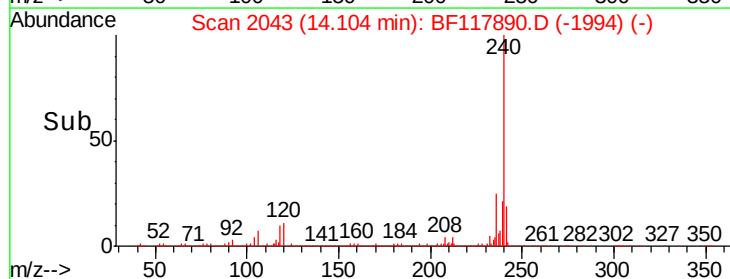
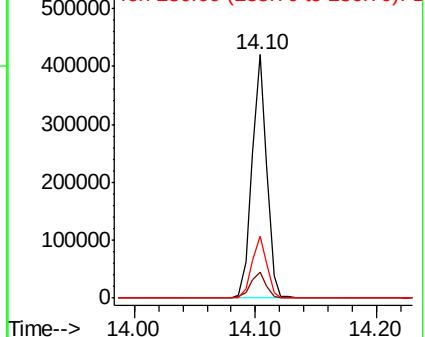
236 25.5 21.3 31.9

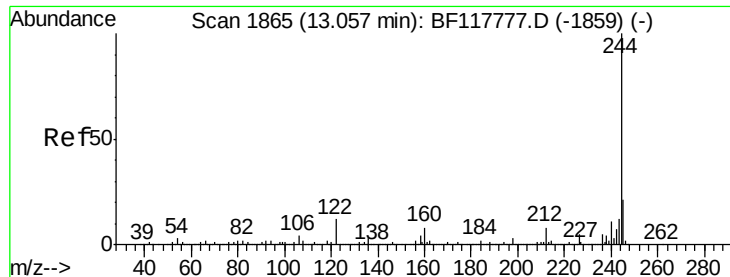


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.236 ng

RT: 13.04 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BF117890.D

Acq: 20 Nov 2019 13:58

Instrument :

BNA_F

ClientSampleId :

B-8-3-(6-12)

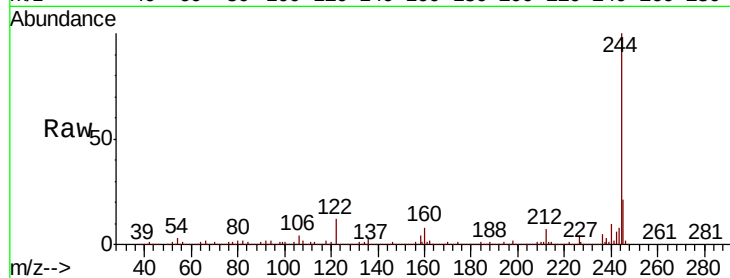
Tot Ion:244 Resp: 1186872

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

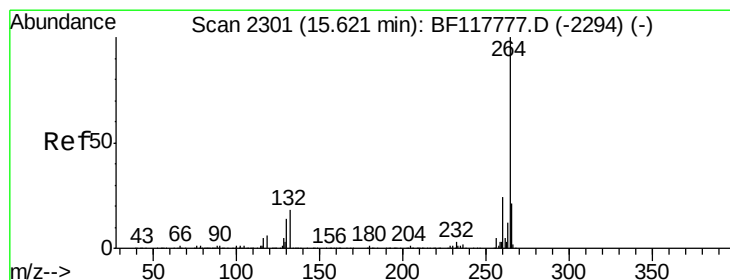
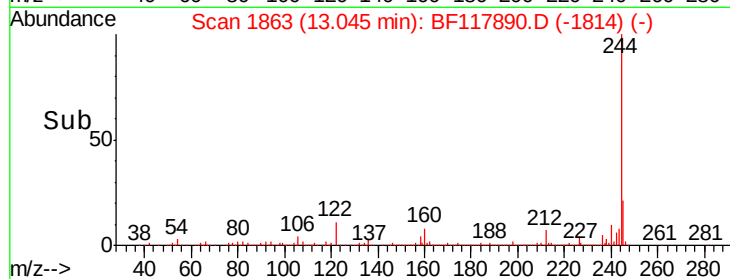
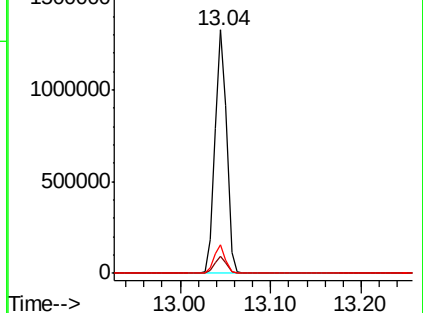
122 11.5 9.4 14.2



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: BF117890.D

Acq: 20 Nov 2019 13:58

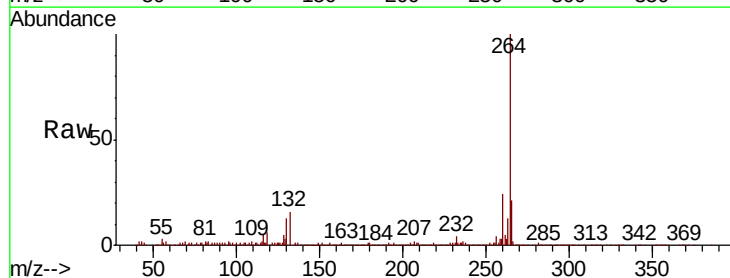
Tgt Ion:264 Resp: 429414

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 21.3 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

