

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
 Data File : BF118833.D
 Acq On : 6 Feb 2020 12:22
 Operator : CG/JU
 Sample : PB126588BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126588BL

Quant Time: Feb 06 17:26:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

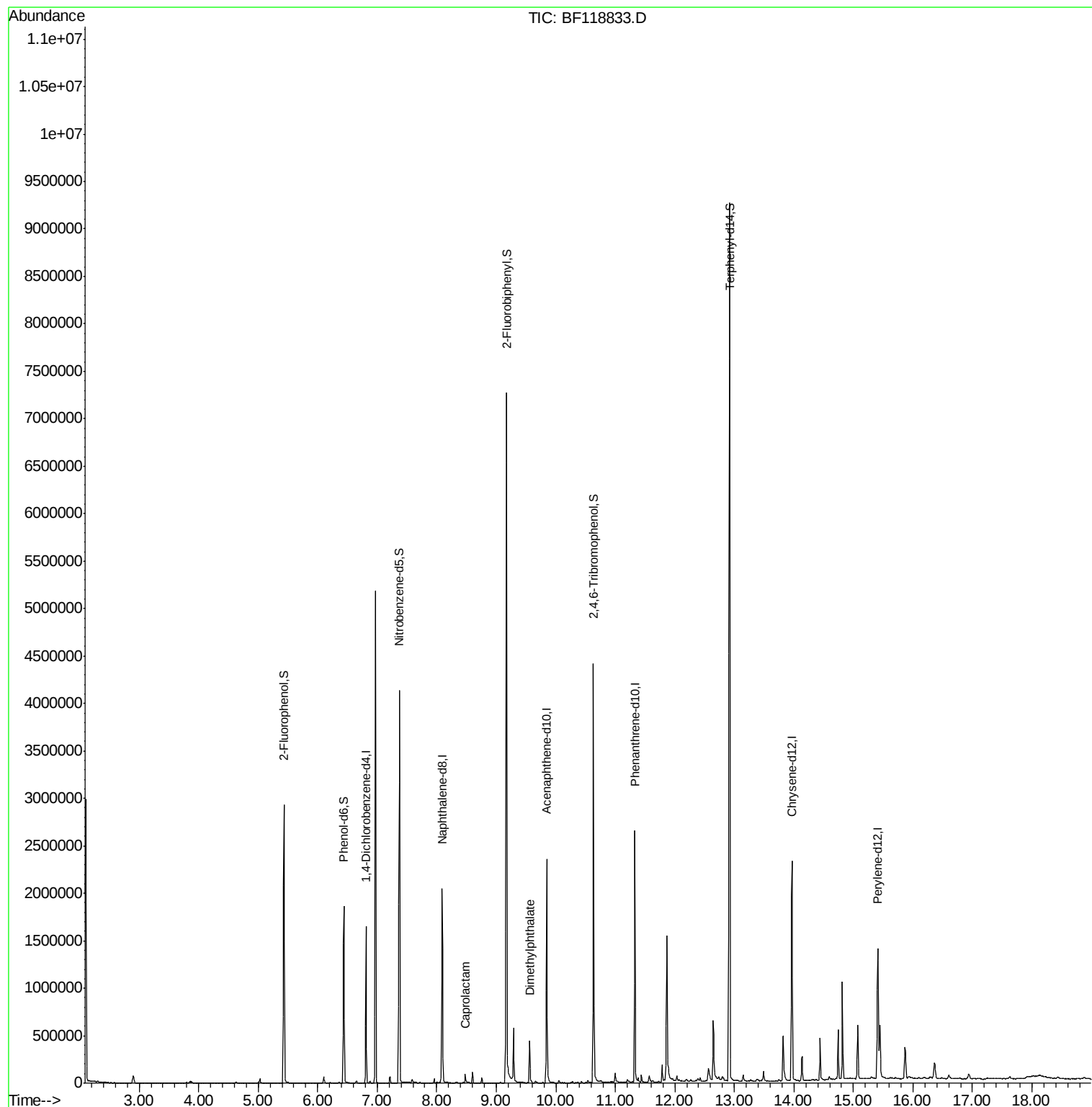
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	262234	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	925108	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	569977	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1091638	20.00	ng	0.00
76) Chrysene-d12	13.97	240	827815	20.00	ng	-0.01
87) Perylene-d12	15.41	264	768389	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	815205	58.85	ng	0.00
7) Phenol-d6	6.44	99	624499	36.31	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1486894	95.80	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	651567	95.54	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2810073	88.14	ng	0.00
79) Terphenyl-d14	12.92	244	3687511	91.50	ng	0.00
Target Compounds						
35) Caprolactam	8.48	113	14828	3.403	ng	97
50) Dimethylphthalate	9.56	163	193261	4.980	ng	97

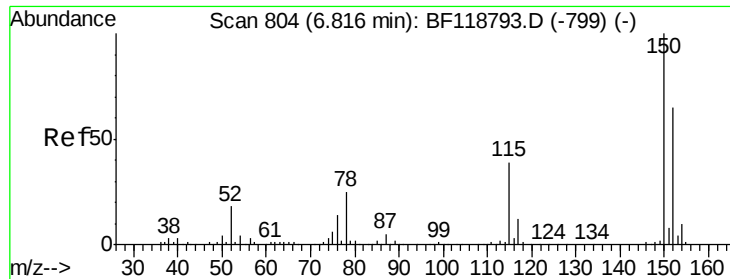
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 06 17:26:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



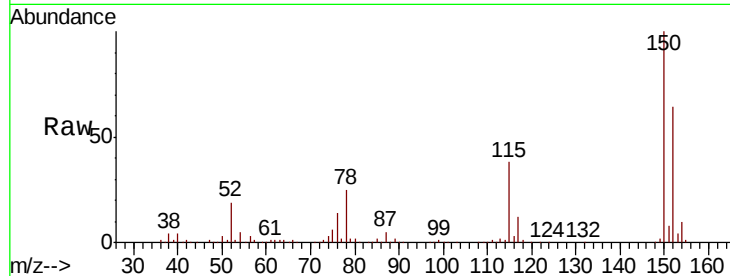


#1

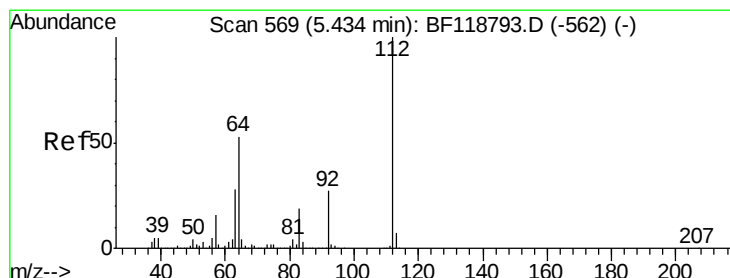
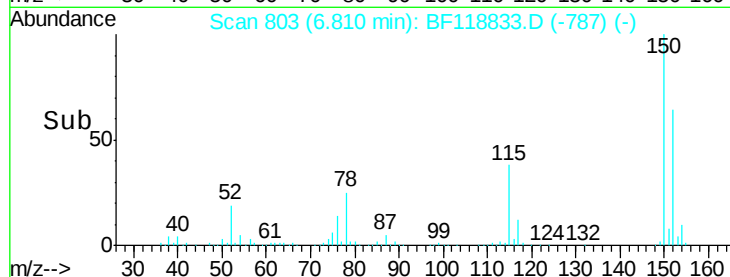
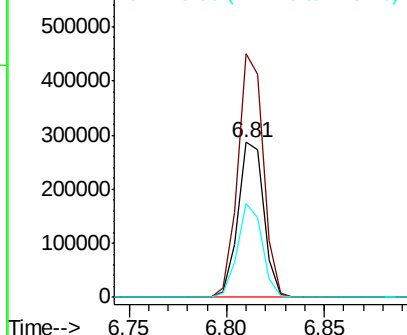
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118833.D
Acq: 6 Feb 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB126588BL

Tot Ion:152 Resp: 262234
Ion Ratio Lower Upper
152 100
150 156.9 123.6 185.4
115 60.4 48.2 72.2



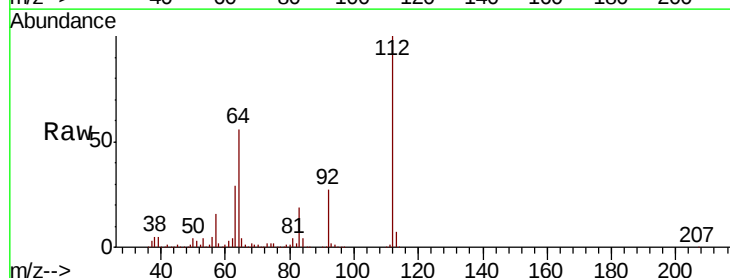
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



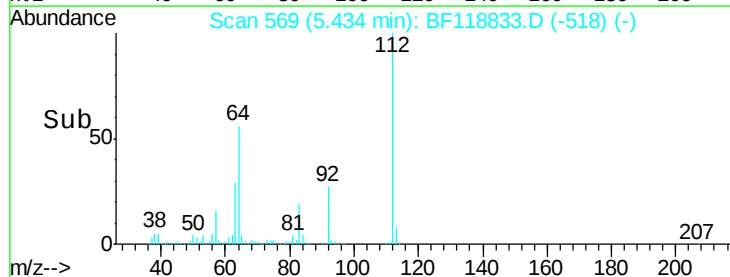
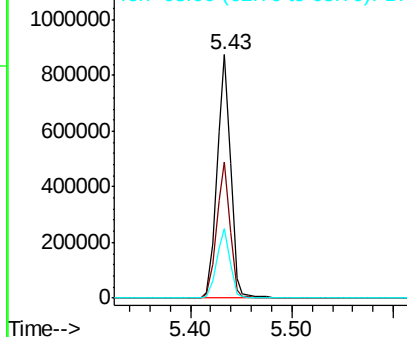
#5

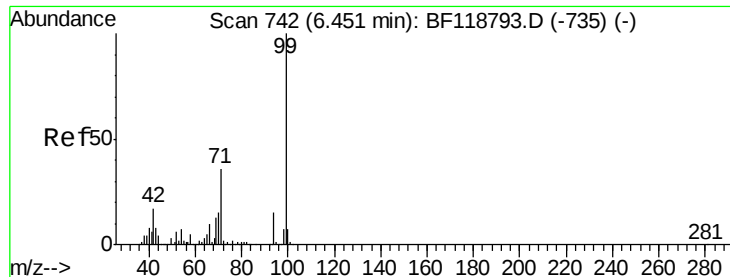
2-Fluorophenol
Concen: 58.845 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF118833.D
Acq: 6 Feb 2020 12:22

Tgt Ion:112 Resp: 815205
Ion Ratio Lower Upper
112 100
64 55.9 42.6 63.8
63 28.8 22.2 33.4



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: 36.315 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118833.D

Acq: 6 Feb 2020 12:22

Instrument :

BNA_F

ClientSampleId :

PB126588BL

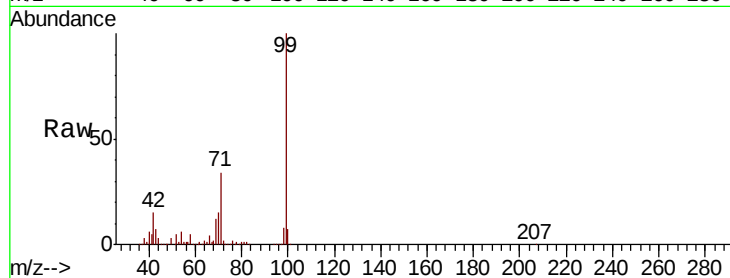
Tot Ion: 99 Resp: 624499

Ion Ratio Lower Upper

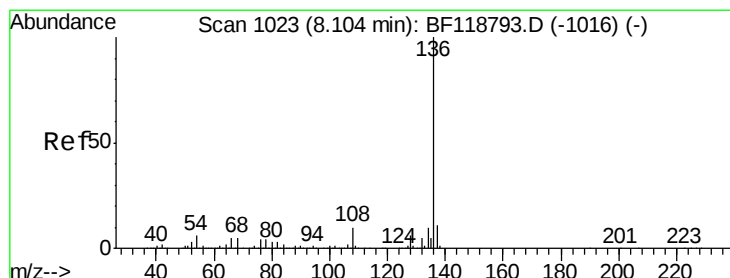
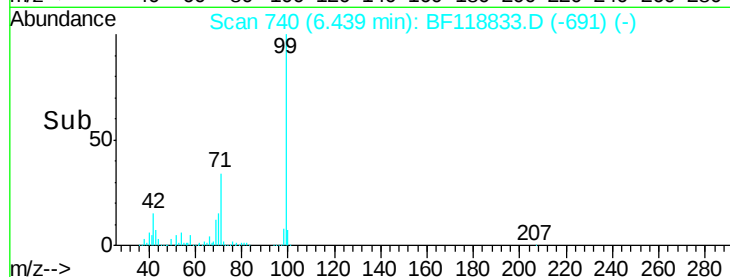
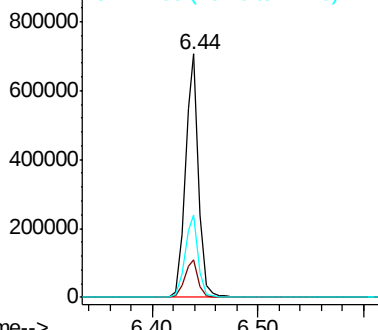
99 100

42 15.4 13.4 20.0

71 33.9 29.0 43.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118833.D

Acq: 6 Feb 2020 12:22

Tgt Ion: 136 Resp: 925108

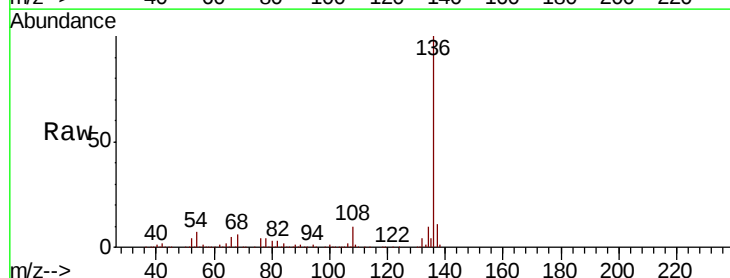
Ion Ratio Lower Upper

136 100

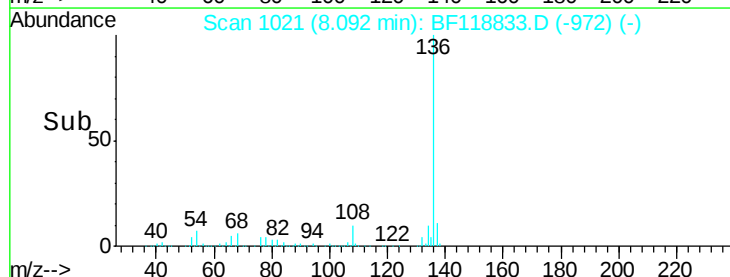
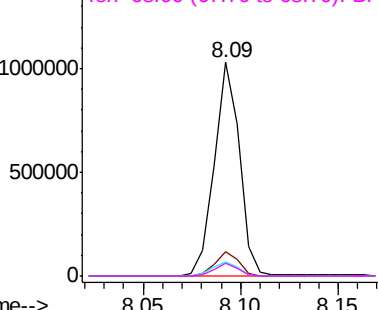
137 11.3 8.7 13.1

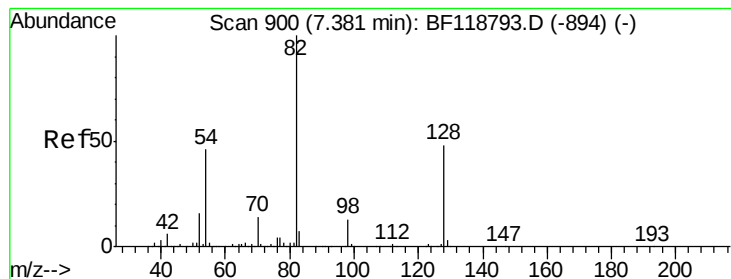
54 6.8 5.0 7.6

68 5.8 4.2 6.4



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: 95.801 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF118833.D

Acq: 6 Feb 2020 12:22

Instrument :

BNA_F

ClientSampleId :

PB126588BL

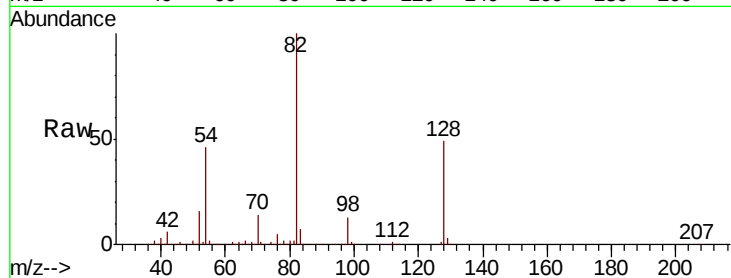
Tot Ion: 82 Resp: 1486894

Ion Ratio Lower Upper

82 100

128 48.8 38.5 57.7

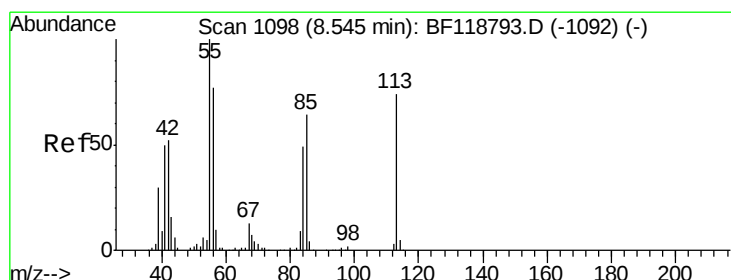
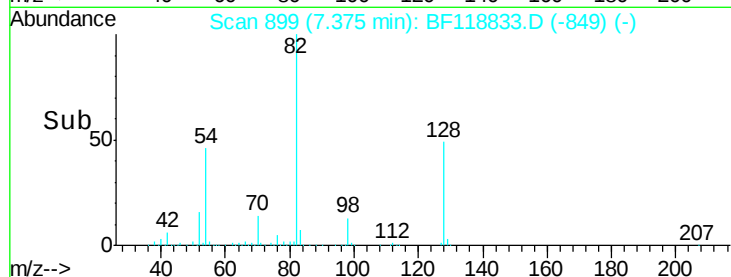
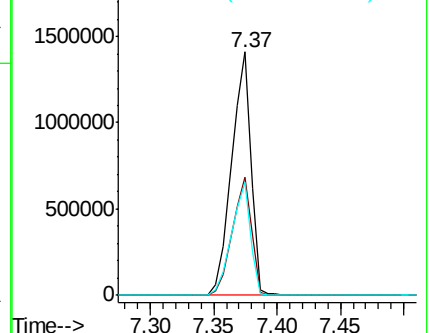
54 46.5 36.7 55.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#35

Caprolactam

Concen: 3.403 ng

RT: 8.48 min Scan# 1087

Delta R.T. -0.06 min

Lab File: BF118833.D

Acq: 6 Feb 2020 12:22

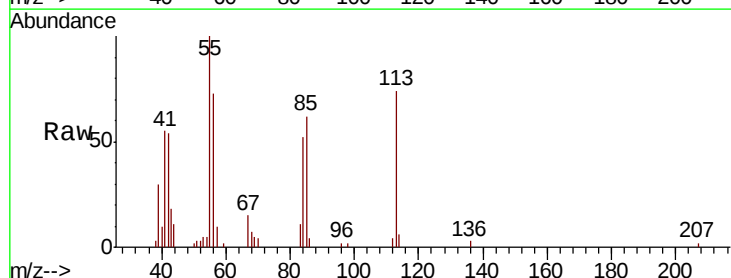
Tgt Ion: 113 Resp: 14828

Ion Ratio Lower Upper

113 100

55 134.8 115.5 155.5

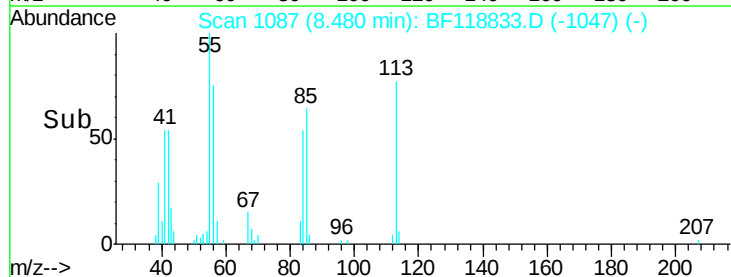
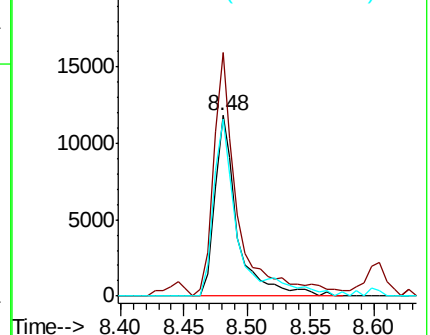
56 98.3 83.7 123.7

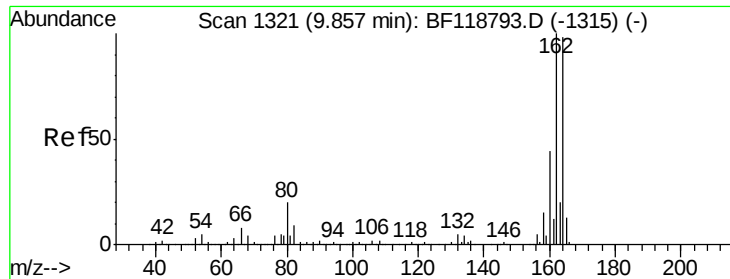


Abundance Ion 113.00 (112.70 to 113.70): BF1

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF118833.D

Acq: 6 Feb 2020 12:22

Instrument :

BNA_F

ClientSampleId :

PB126588BL

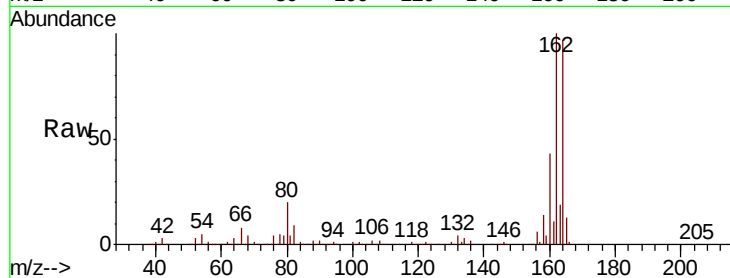
Tot Ion:164 Resp: 569977

Ion Ratio Lower Upper

164 100

162 103.4 81.4 122.2

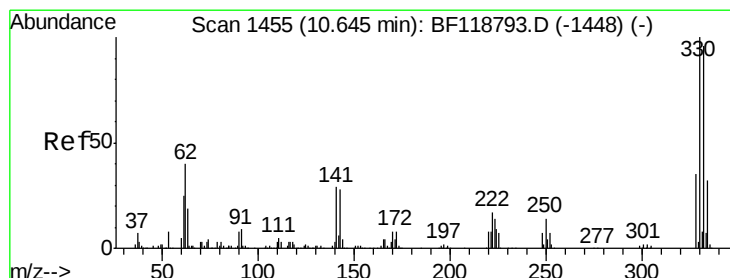
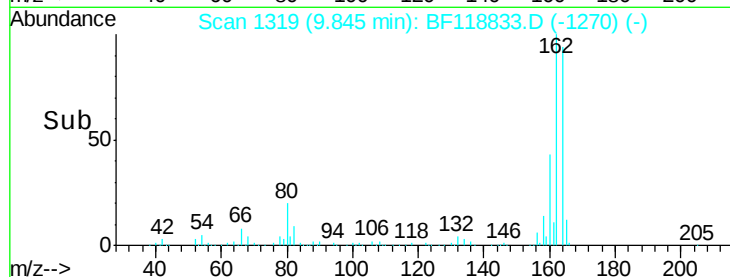
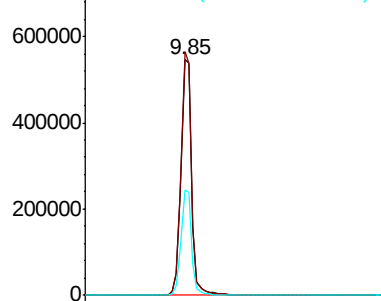
160 44.8 35.6 53.4



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: 95.539 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118833.D

Acq: 6 Feb 2020 12:22

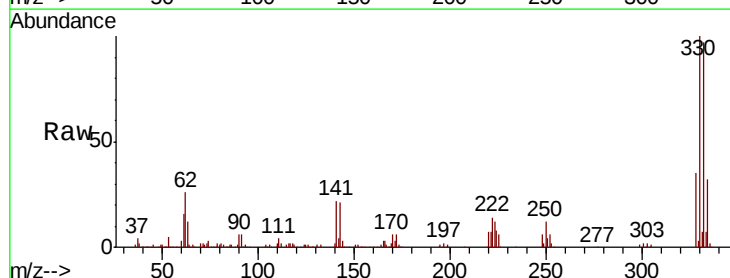
Tgt Ion:330 Resp: 651567

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

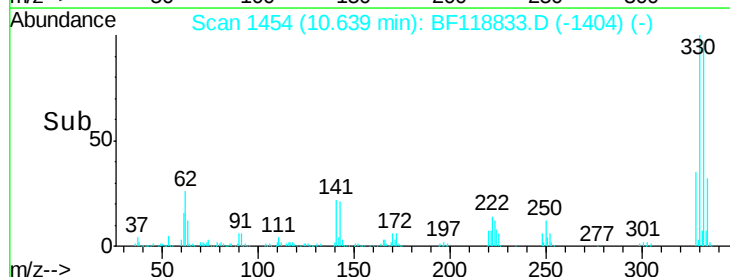
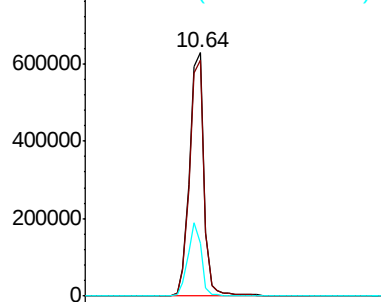
141 28.2 22.4 33.6

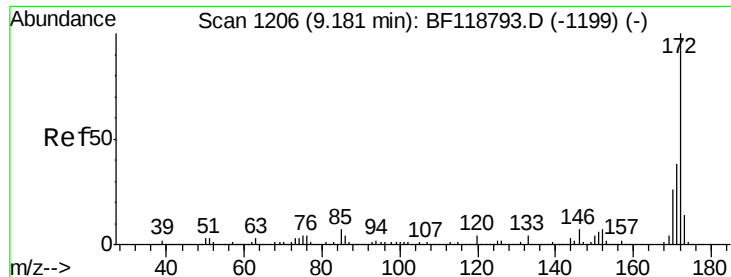


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

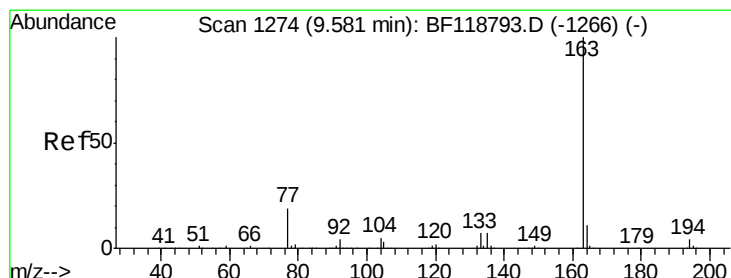
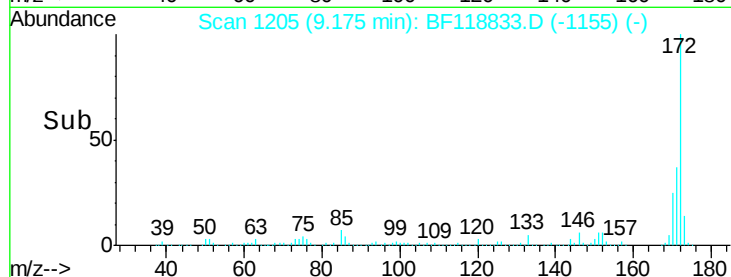
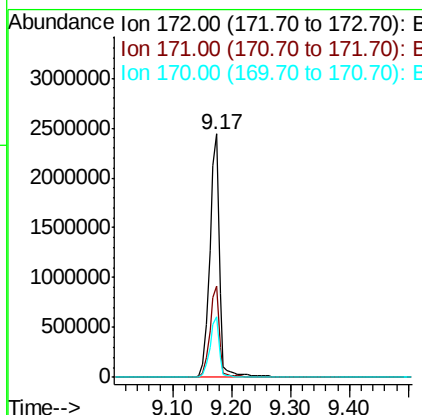
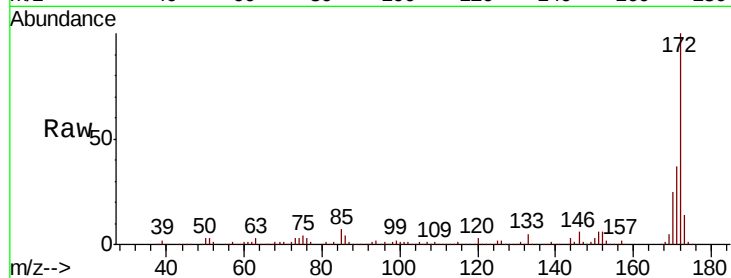




#45
2-Fluorobiphenyl
Concen: 88.136 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF118833.D
Acq: 6 Feb 2020 12:22

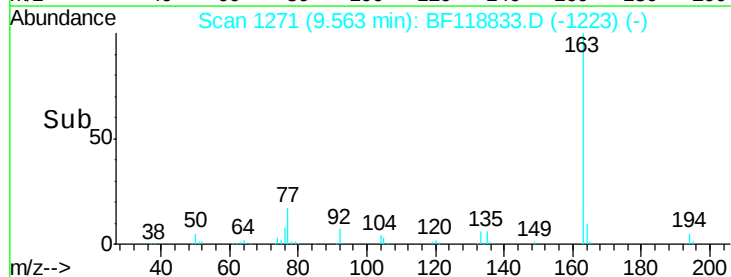
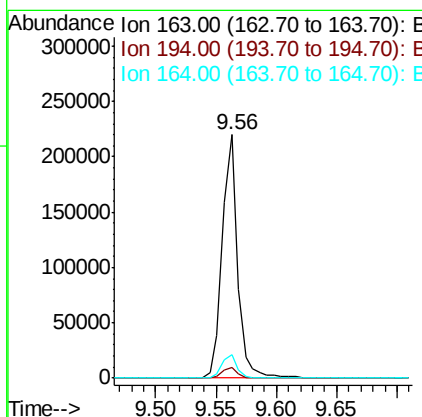
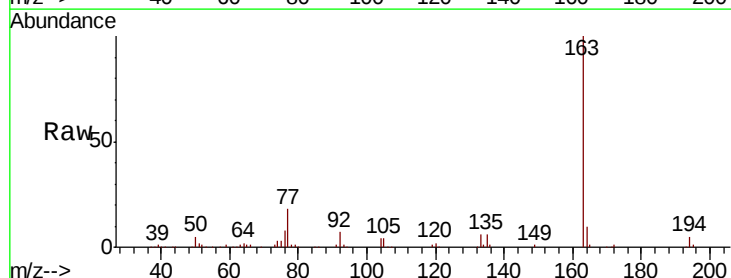
Instrument :
BNA_F
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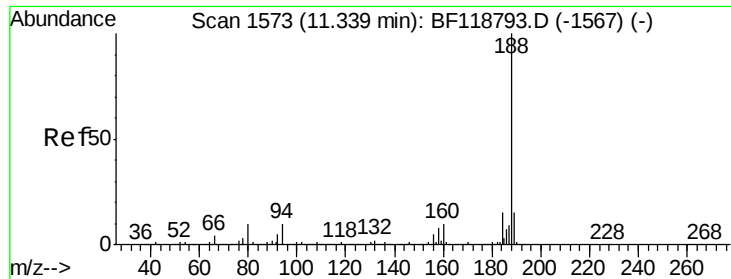
Tot Ion:172 Resp: 2810073
Ion Ratio Lower Upper
172 100
171 37.4 30.8 46.2
170 25.0 20.5 30.7



#50
Dimethylphthalate
Concen: 4.980 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF118833.D
Acq: 6 Feb 2020 12:22

Tgt Ion:163 Resp: 193261
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 9.5 8.7 13.1

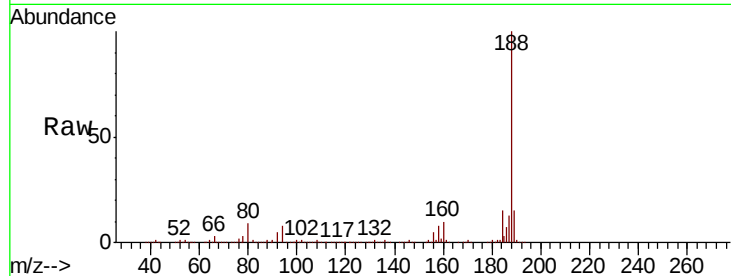




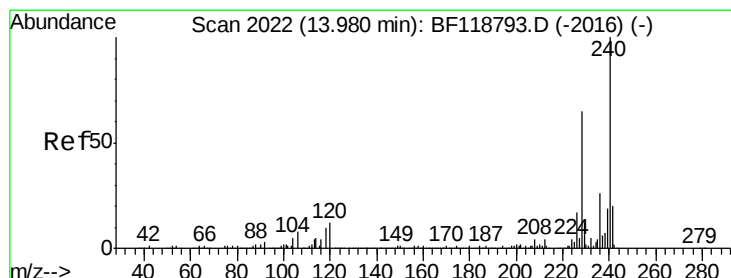
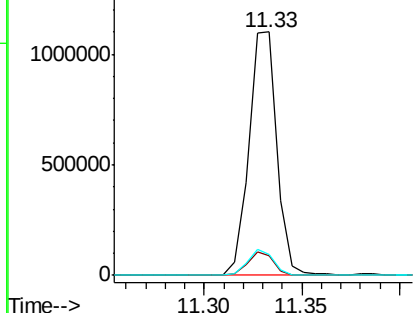
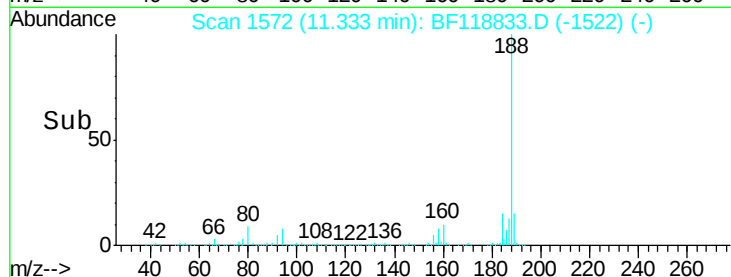
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118833.D
Acq: 6 Feb 2020 12:22

Instrument :
BNA_F
ClientSampled :
PB126588BL

Tot Ion:188 Resp: 1091638
Ion Ratio Lower Upper
188 100
94 8.3 7.9 11.9
80 8.7 8.4 12.6

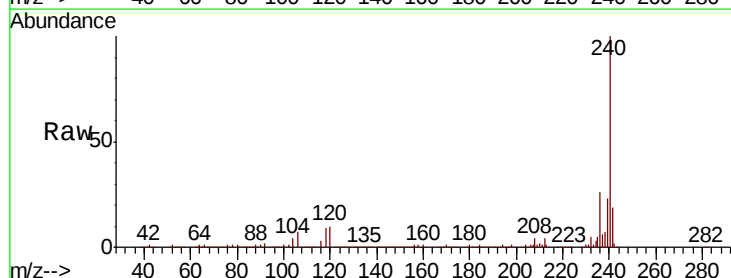


Abundance Ion 188.00 (187.70 to 188.70): E
1500000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

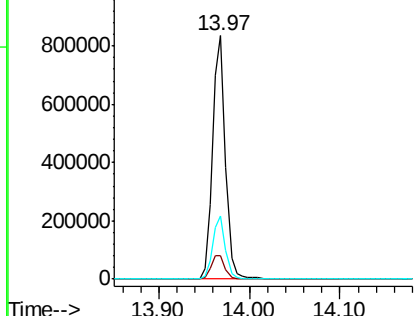
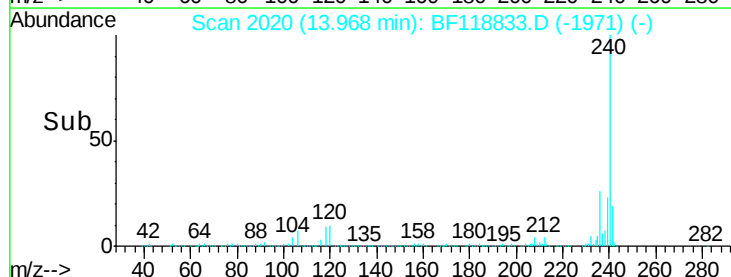


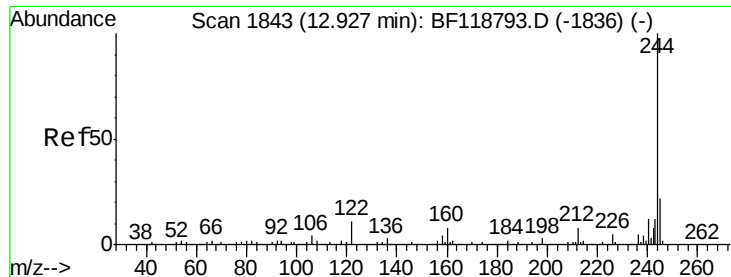
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118833.D
Acq: 6 Feb 2020 12:22

Tgt Ion:240 Resp: 827815
Ion Ratio Lower Upper
240 100
120 9.8 9.4 14.0
236 26.1 21.0 31.6



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: 91.498 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118833.D

Acq: 6 Feb 2020 12:22

Instrument :

BNA_F

ClientSampleId :

PB126588BL

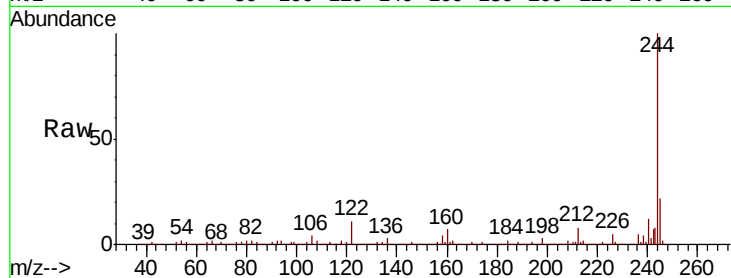
Tot Ion:244 Resp: 3687511

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

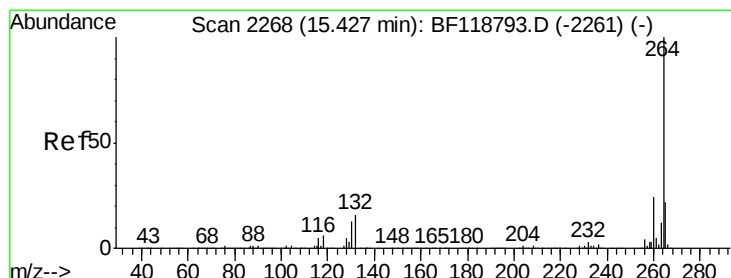
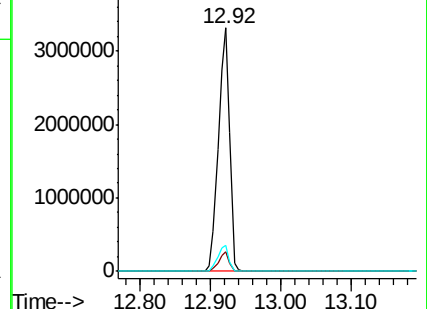
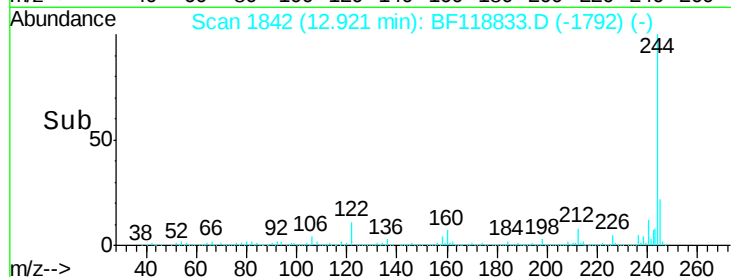
122 10.6 8.9 13.3



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: 15.41 min Scan# 2265

Delta R.T. -0.02 min

Lab File: BF118833.D

Acq: 6 Feb 2020 12:22

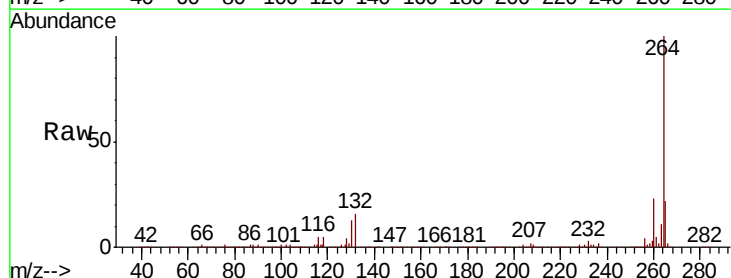
Tgt Ion:264 Resp: 768389

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 22.0 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

