

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118805.D
 Acq On : 4 Feb 2020 16:50
 Operator : CG/JU
 Sample : PB126588BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126588BL

Quant Time: Feb 04 17:35:32 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

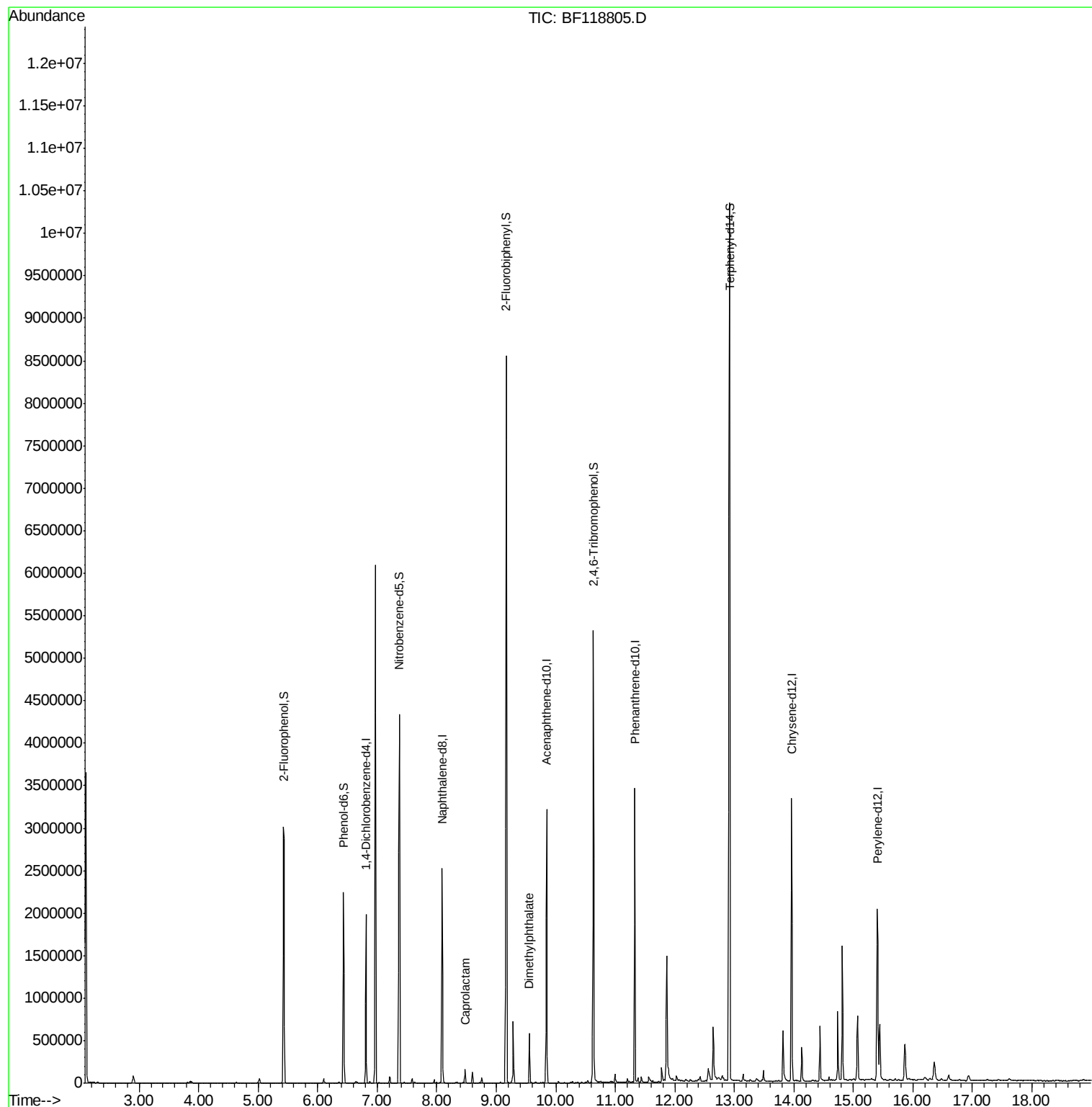
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	292954	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1138157	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	668160	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1303719	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	1070639	20.00	ng	-0.02
87) Perylene-d12	15.40	264	993244	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	903942	58.41	ng	0.00
7) Phenol-d6	6.43	99	720482	37.50	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1663217	87.10	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	772480	96.62	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	3242849	86.76	ng	-0.01
79) Terphenyl-d14	12.92	244	4346273	83.38	ng	0.00
Target Compounds						
35) Caprolactam	8.47	113	18803	3.508	ng	98
50) Dimethylphthalate	9.56	163	233997	5.143	ng	99

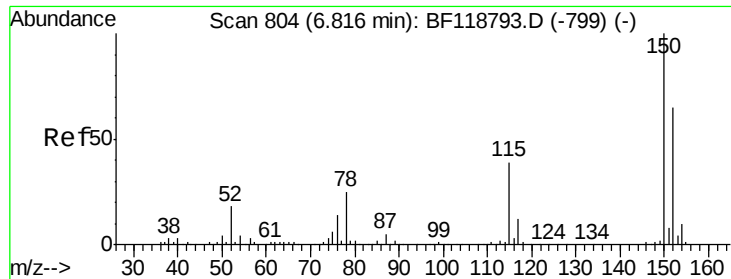
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: Feb 04 17:35:32 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



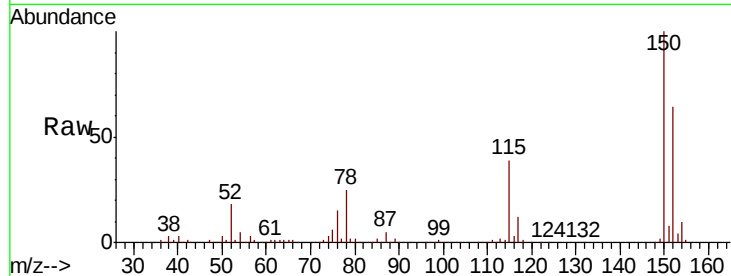


#1

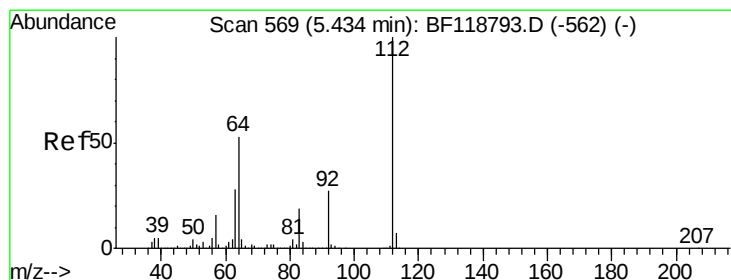
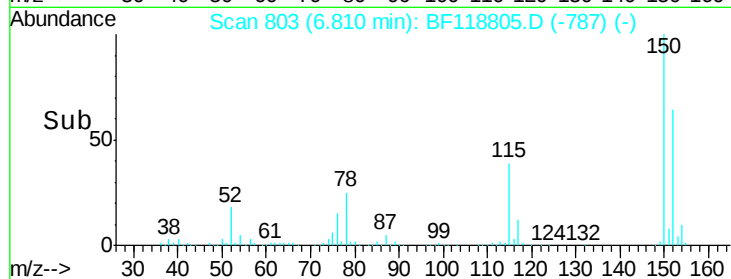
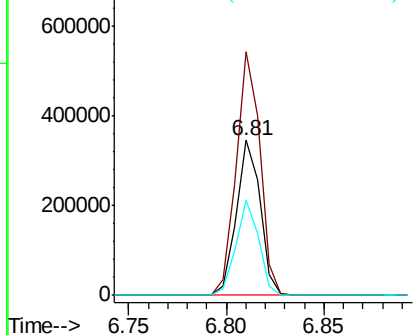
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF118805.D
 Acq: 4 Feb 2020 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB126588BL

Tot Ion:152 Resp: 292954
 Ion Ratio Lower Upper
 152 100
 150 157.4 123.6 185.4
 115 61.5 48.2 72.2



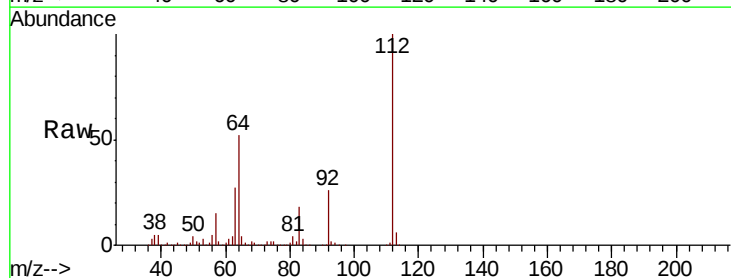
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



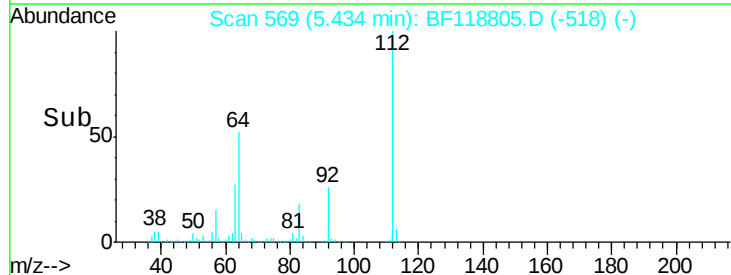
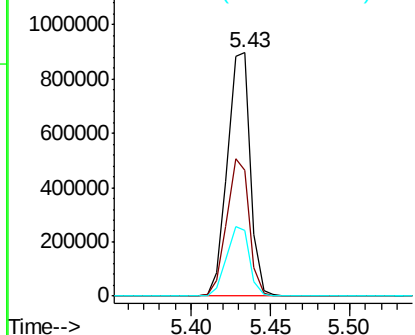
#5

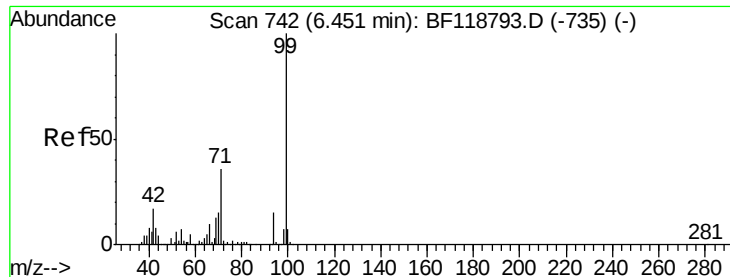
2-Fluorophenol
 Concen: 58.408 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF118805.D
 Acq: 4 Feb 2020 16:50

Tgt Ion:112 Resp: 903942
 Ion Ratio Lower Upper
 112 100
 64 51.7 42.6 63.8
 63 27.2 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: 37.503 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118805.D

Acq: 4 Feb 2020 16:50

Instrument :

BNA_F

ClientSampled :

PB126588BL

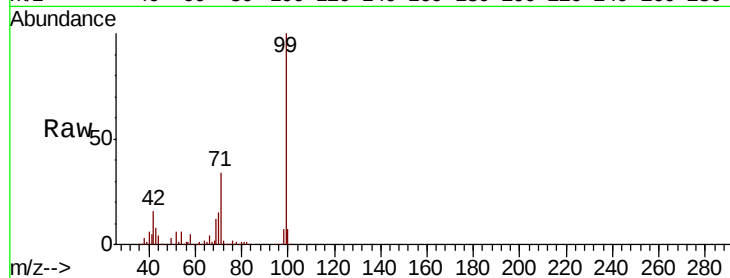
Tot Ion: 99 Resp: 720482

Ion Ratio Lower Upper

99 100

42 16.1 13.4 20.0

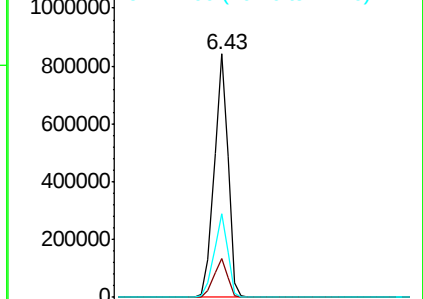
71 34.4 29.0 43.6



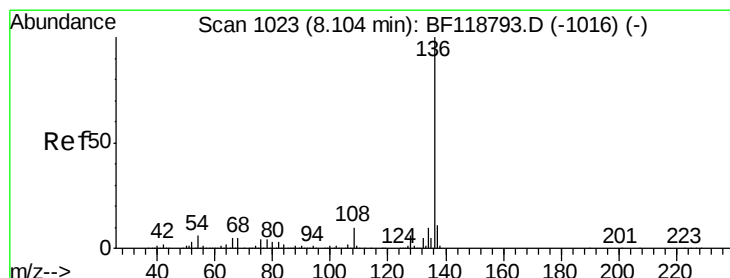
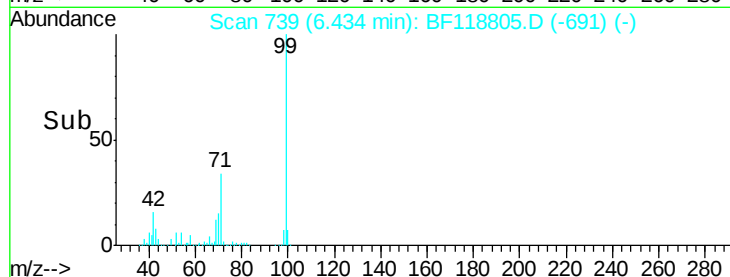
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118805.D

Acq: 4 Feb 2020 16:50

Tgt Ion: 136 Resp: 1138157

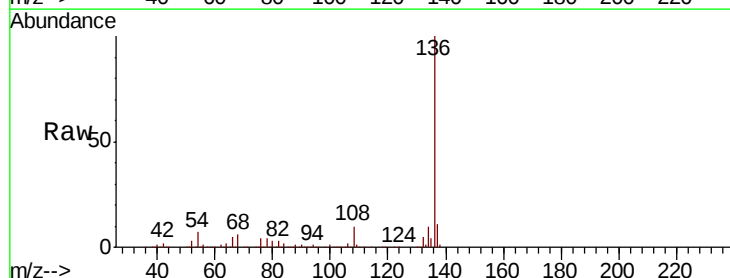
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 6.6 5.0 7.6

68 5.7 4.2 6.4

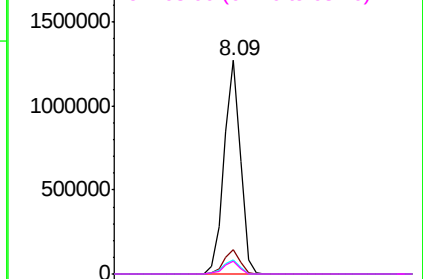


Abundance Ion 136.00 (135.70 to 136.70): E

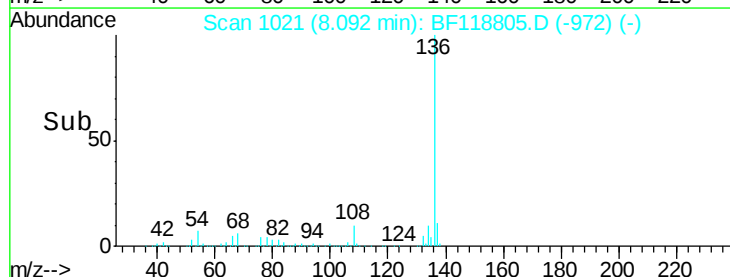
Ion 137.00 (136.70 to 137.70): E

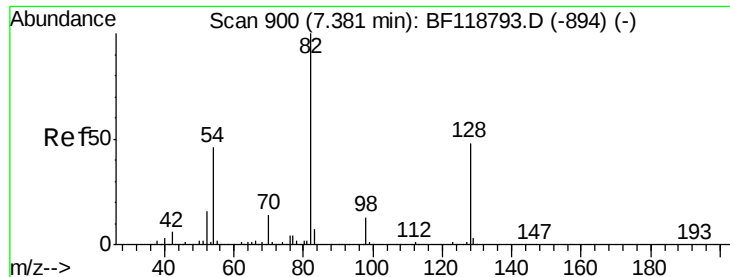
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

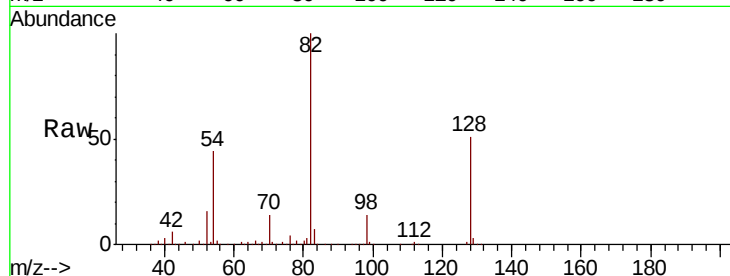




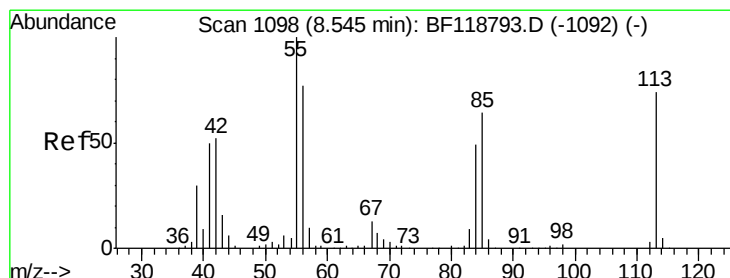
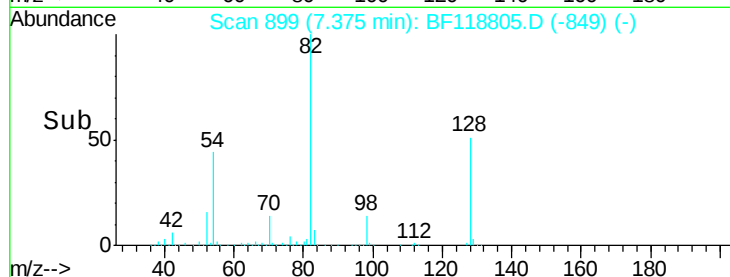
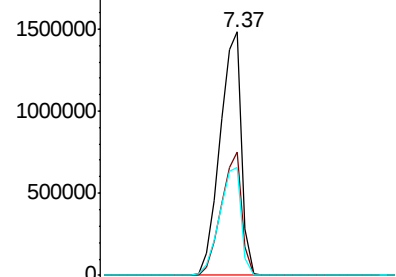
#23
 Nitrobenzene-d5
 Concen: 87.102 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF118805.D
 Acq: 4 Feb 2020 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB126588BL

Tot Ion: 82 Resp: 1663217
 Ion Ratio Lower Upper
 82 100
 128 50.7 38.5 57.7
 54 44.2 36.7 55.1

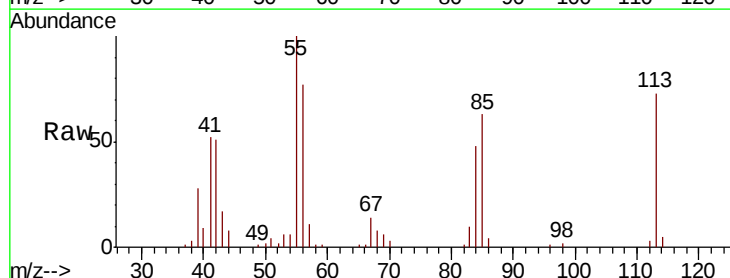


Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

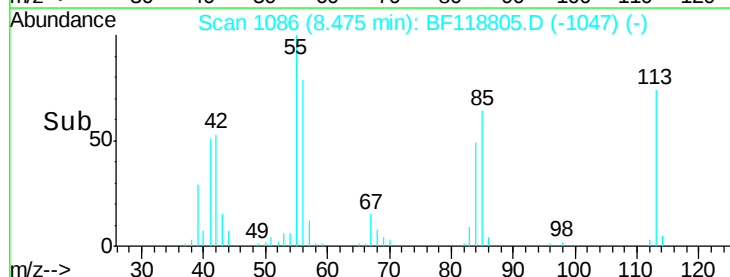
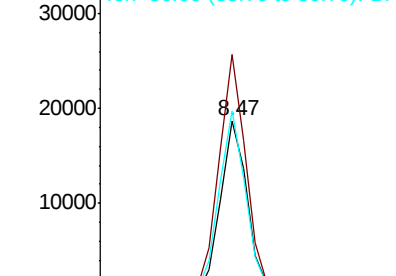


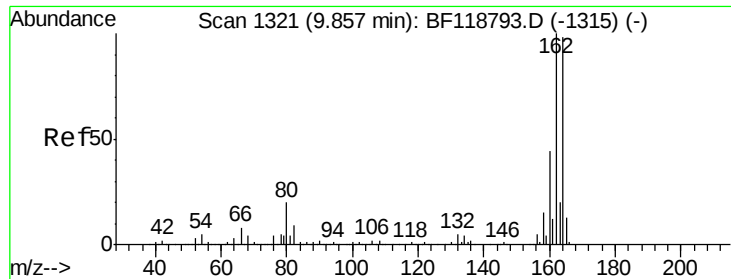
#35
 Caprolactam
 Concen: 3.508 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.07 min
 Lab File: BF118805.D
 Acq: 4 Feb 2020 16:50

Tgt Ion: 113 Resp: 18803
 Ion Ratio Lower Upper
 113 100
 55 137.3 115.5 155.5
 56 105.9 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

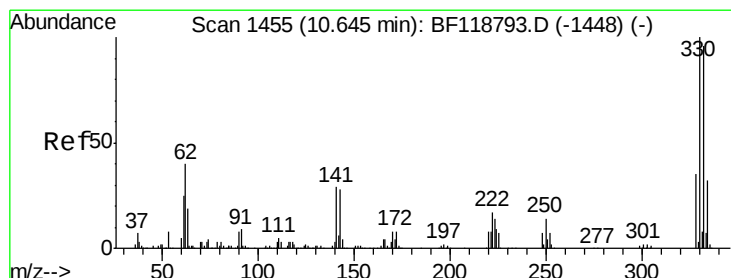
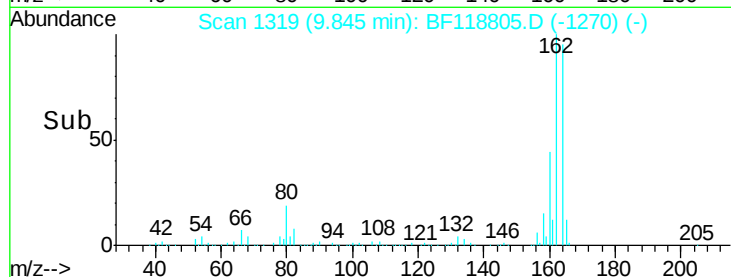
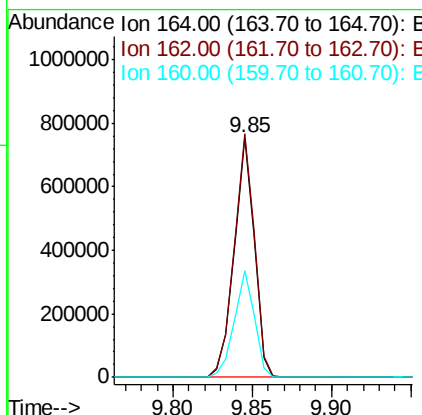
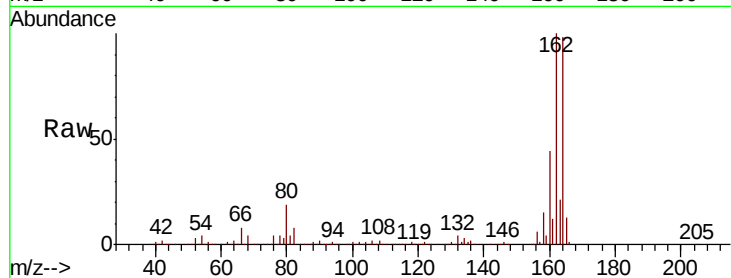




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF118805.D
 Acq: 4 Feb 2020 16:50

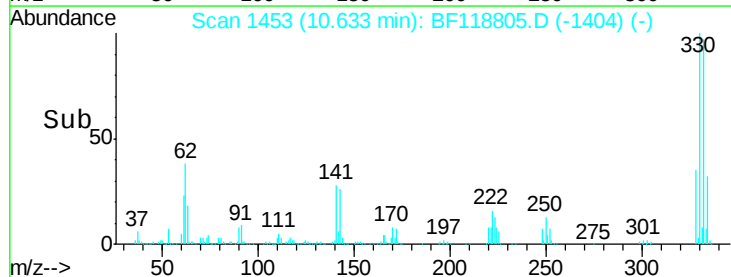
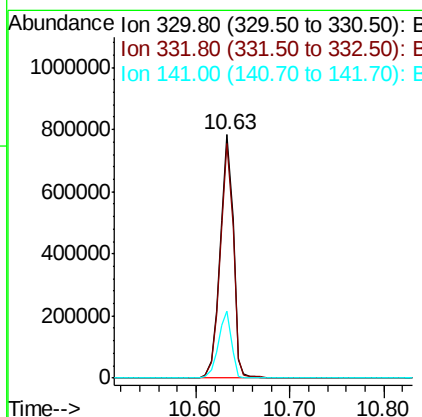
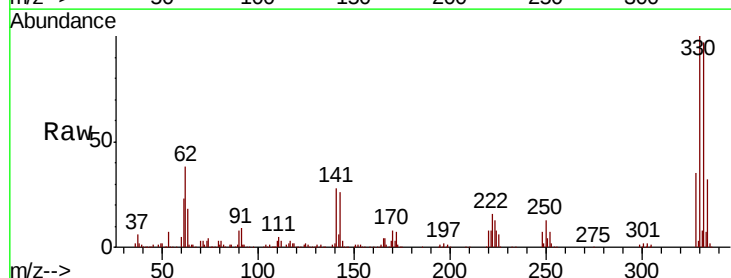
Instrument :
 BNA_F
 ClientSampleId :
 PB126588BL

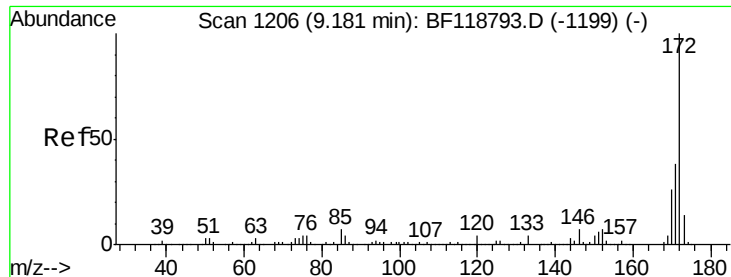
Tot Ion:164 Resp: 668160
 Ion Ratio Lower Upper
 164 100
 162 101.6 81.4 122.2
 160 44.5 35.6 53.4



#42
 2,4,6-Tribromophenol
 Concen: 96.624 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF118805.D
 Acq: 4 Feb 2020 16:50

Tgt Ion:330 Resp: 772480
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 27.5 22.4 33.6

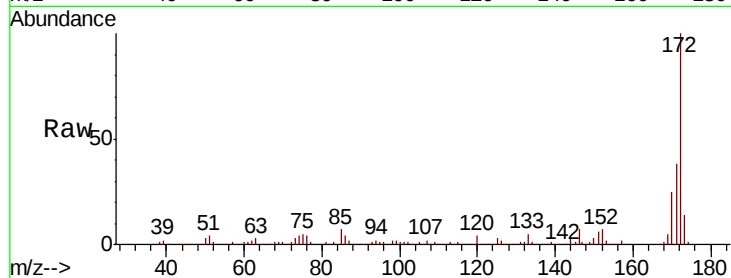




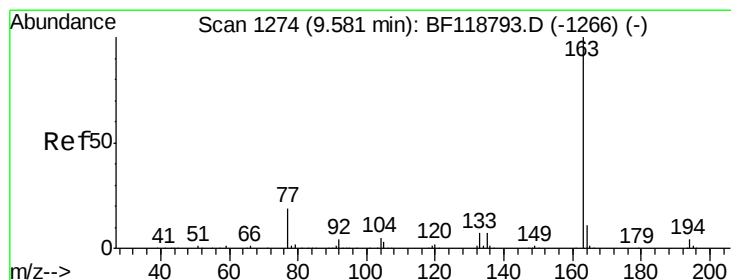
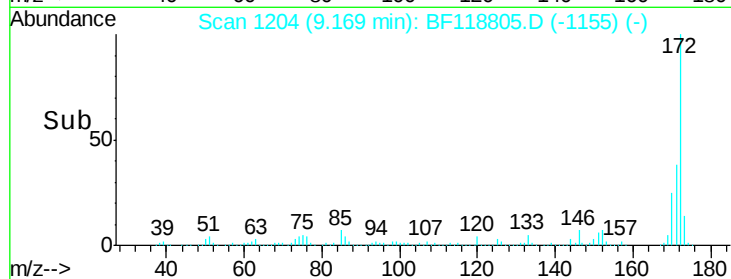
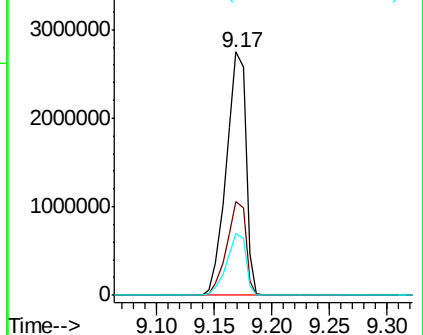
#45
2-Fluorobiphenyl
Concen: 86.764 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118805.D
Acq: 4 Feb 2020 16:50

Instrument :
BNA_F
ClientSampleId :
PB126588BL

Tot Ion:172 Resp: 3242849
Ion Ratio Lower Upper
172 100
171 38.4 30.8 46.2
170 25.2 20.5 30.7

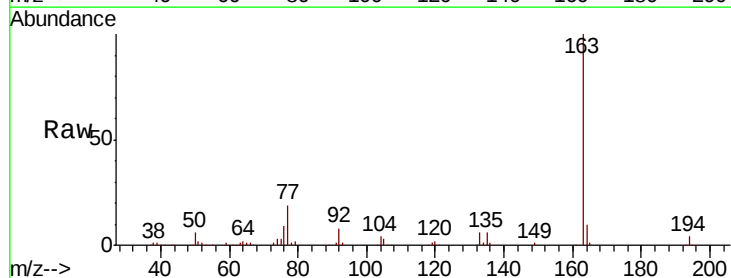


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

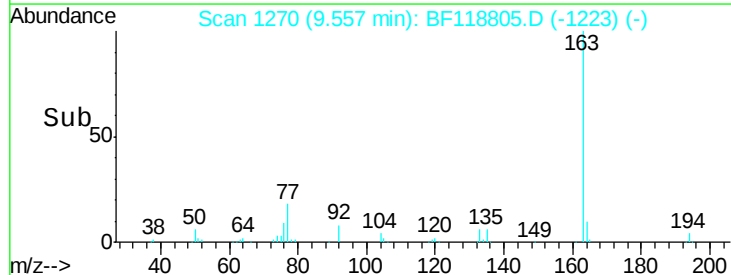
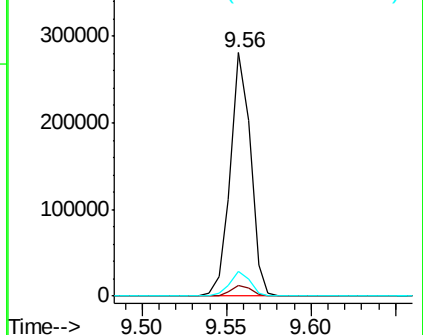


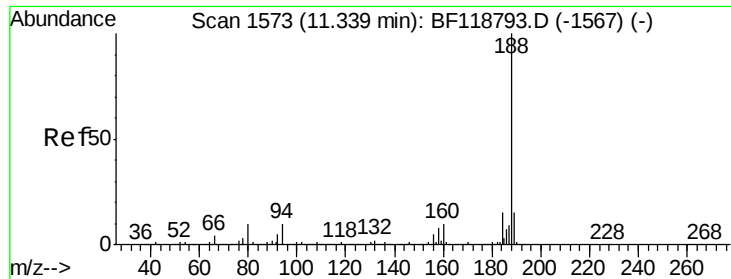
#50
Dimethylphthalate
Concen: 5.143 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF118805.D
Acq: 4 Feb 2020 16:50

Tgt Ion:163 Resp: 233997
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.2 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

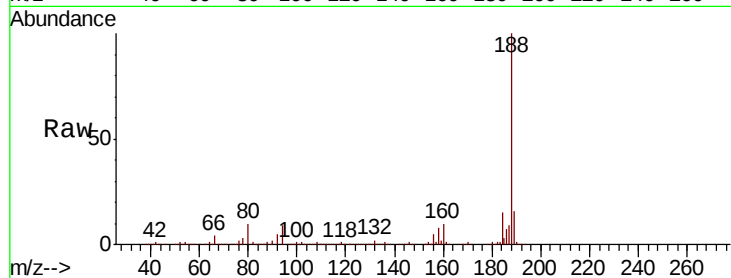




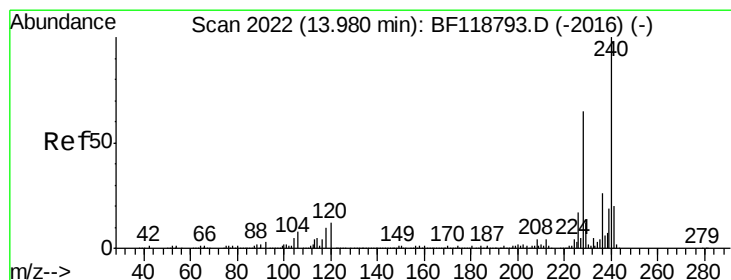
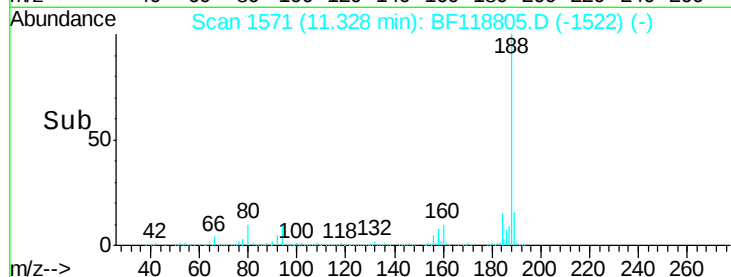
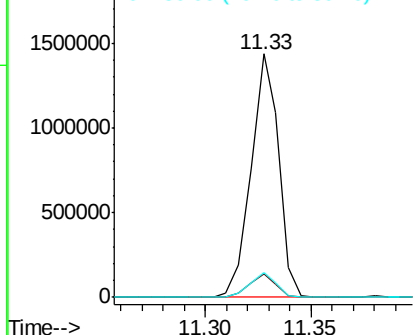
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118805.D
Acq: 4 Feb 2020 16:50

Instrument :
BNA_F
ClientSampleId :
PB126588BL

Tot Ion:188 Resp: 1303719
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.1 8.4 12.6

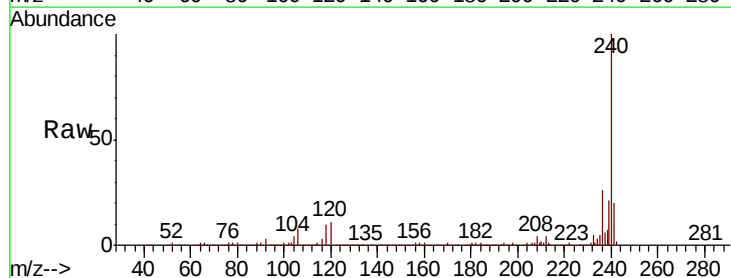


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

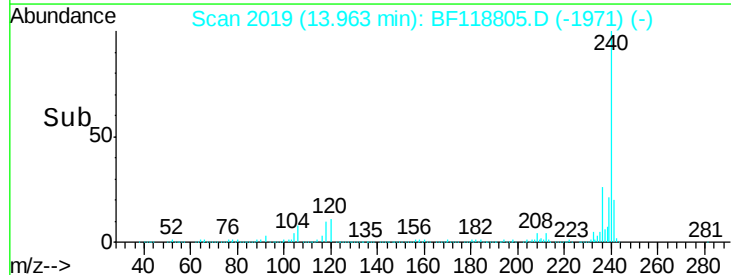
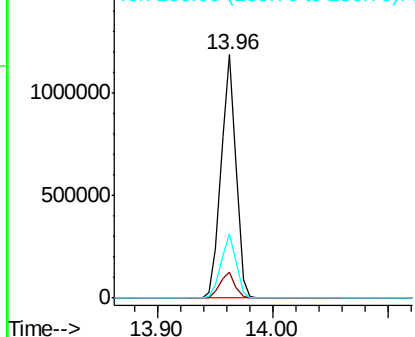


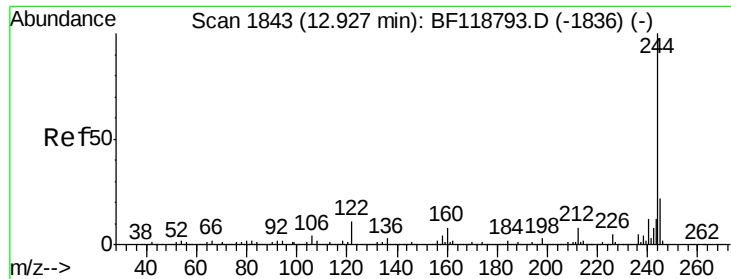
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118805.D
Acq: 4 Feb 2020 16:50

Tgt Ion:240 Resp: 1070639
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.0
236 26.2 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: 83.384 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118805.D

Acq: 4 Feb 2020 16:50

Instrument :

BNA_F

ClientSampleId :

PB126588BL

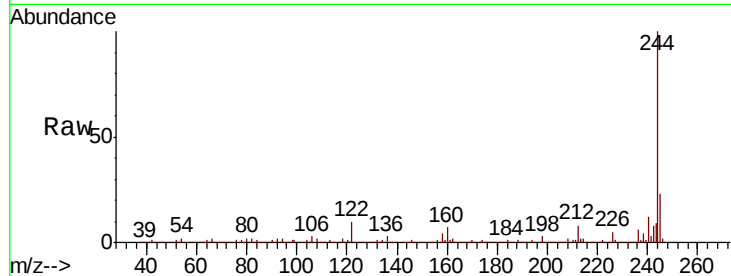
Tot Ion:244 Resp: 4346273

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

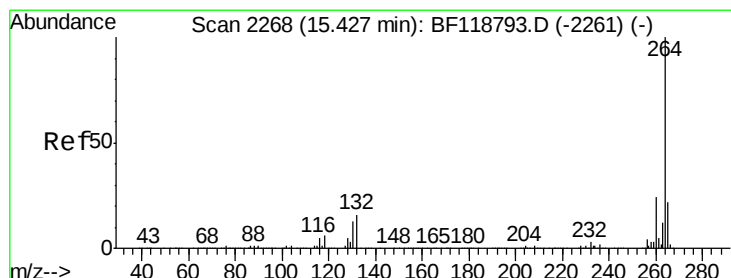
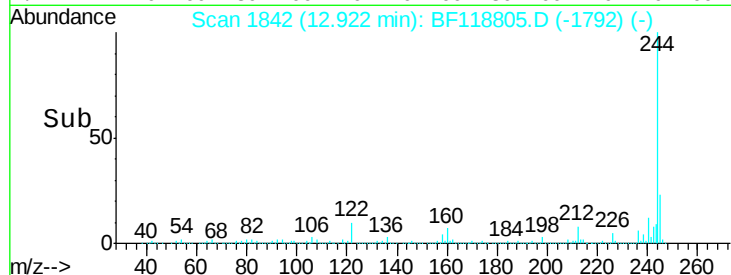
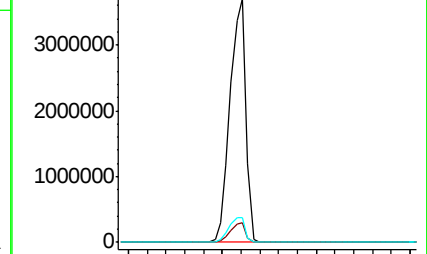
122 10.3 8.9 13.3



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: 15.40 min Scan# 2264

Delta R.T. -0.02 min

Lab File: BF118805.D

Acq: 4 Feb 2020 16:50

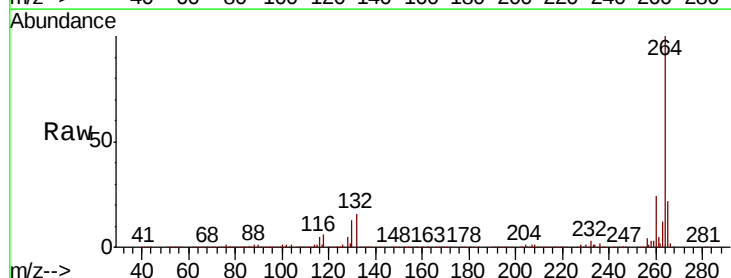
Tgt Ion:264 Resp: 993244

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 22.2 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

