

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116217.D
 Acq On : 13 Aug 2019 4:11
 Operator : HP/JU
 Sample : K4085-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-A

Quant Time: Aug 13 07:06:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

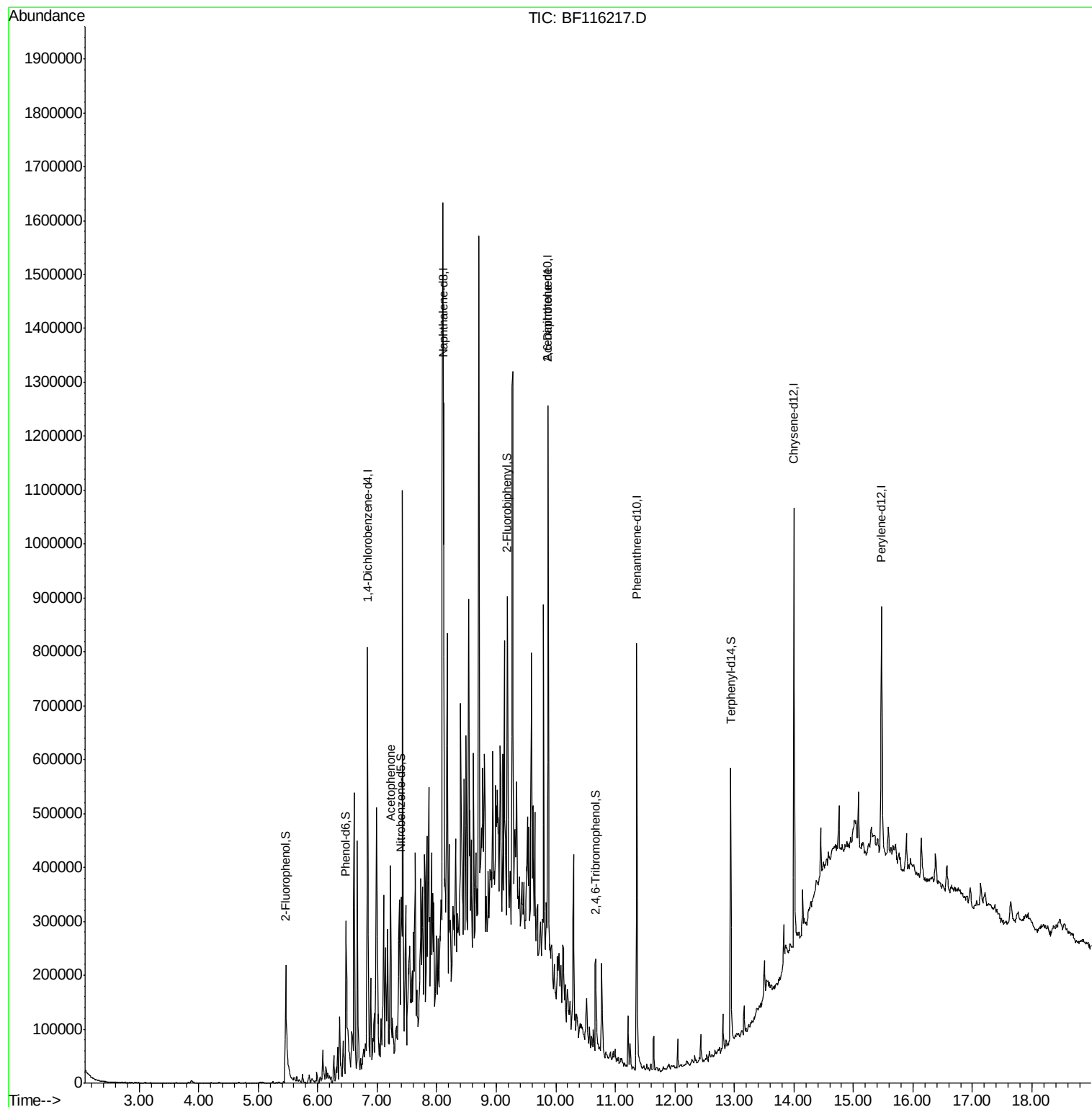
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	114238	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	456073	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	224359	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	343714	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	280557	20.00	ng	0.00
87) Perylene-d12	15.47	264	237173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	124757	18.28	ng	0.00
7) Phenol-d6	6.47	99	176798	20.53	ng	-0.01
23) Nitrobenzene-d5	7.40	82	98301	12.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	30997	14.25	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	208092	17.37	ng	-0.01
79) Terphenyl-d14	12.94	244	178584	13.41	ng	-0.01
Target Compounds						
22) Acetophenone	7.23	105	27741	2.773	ng	# 48
51) 2,6-Dinitrotoluene	9.87	165	31922	9.616	ng	# 30

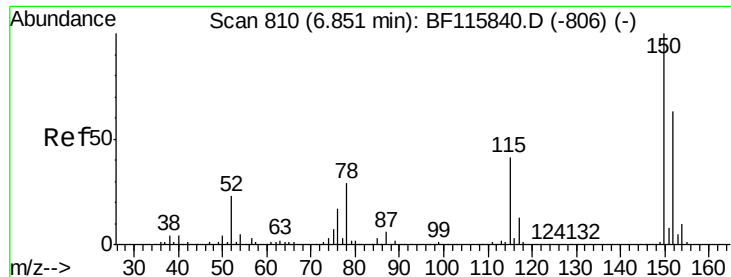
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116217.D
Acq On : 13 Aug 2019 4:11
Operator : HP/JU
Sample : K4085-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-A

Quant Time: Aug 13 07:06:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration



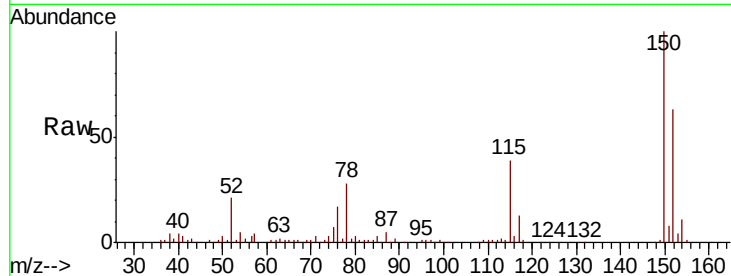


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116217.D
Acq: 13 Aug 2019 4:11

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	61.7	49.9	74.9

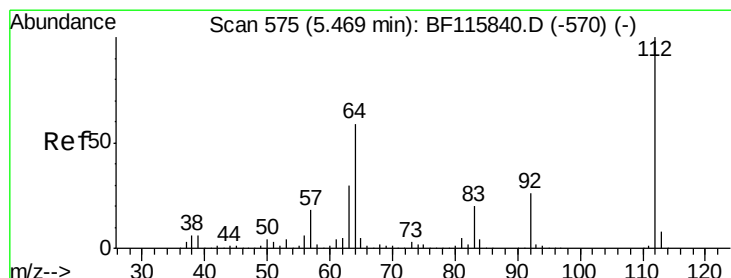
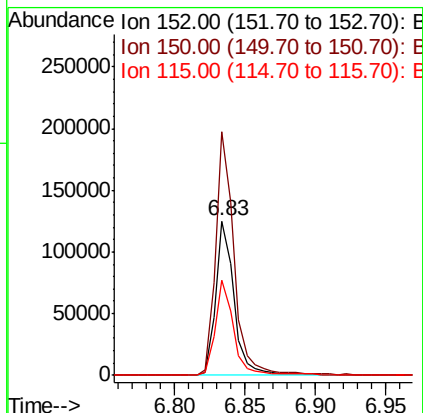
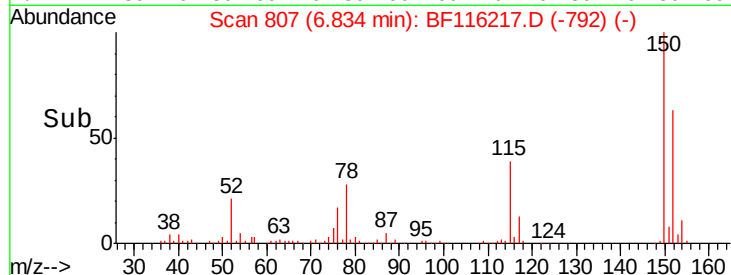


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

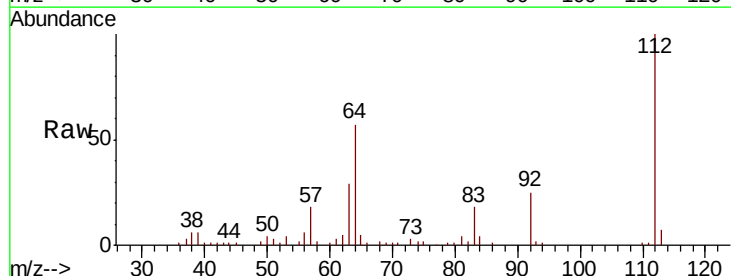
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 18.282 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116217.D
Acq: 13 Aug 2019 4:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.4	68.2
63	29.0	23.7	35.5

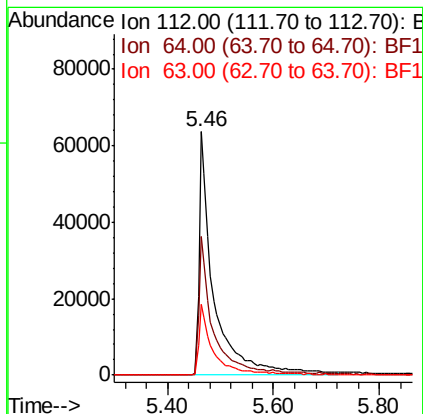
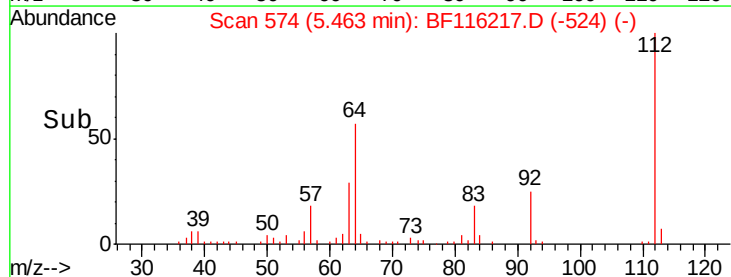


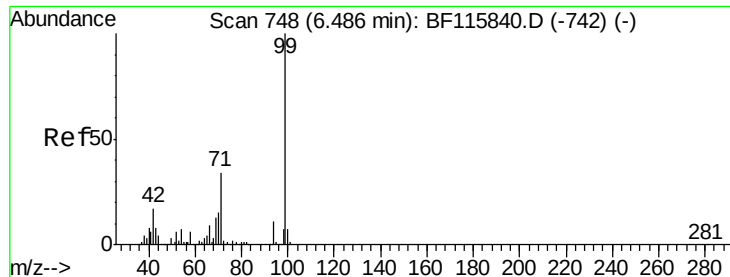
Abundance

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: 20.535 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116217.D

Acq: 13 Aug 2019 4:11

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-A

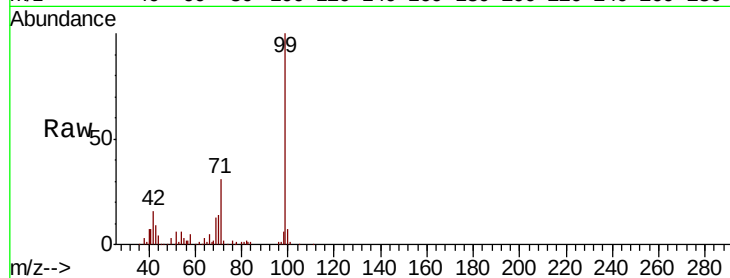
Tot Ion: 99 Resp: 176798

Ion Ratio Lower Upper

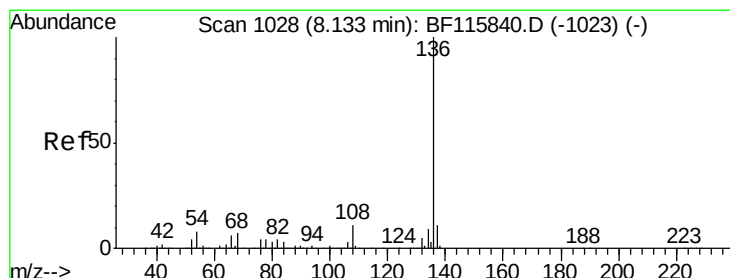
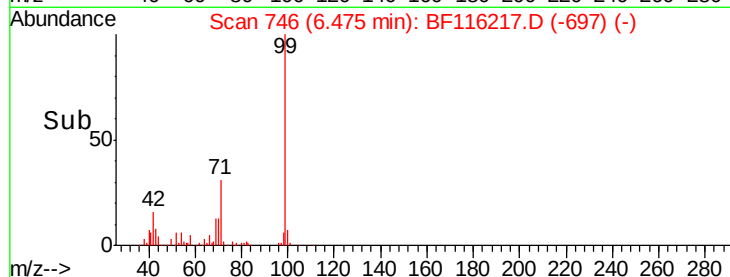
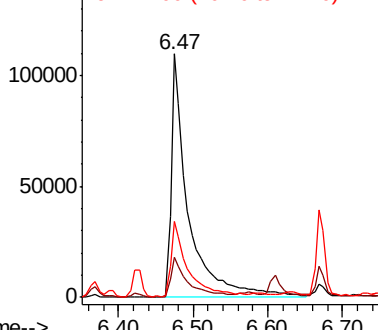
99 100

42 16.4 13.8 20.8

71 31.0 27.3 40.9



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116217.D

Acq: 13 Aug 2019 4:11

Tgt Ion: 136 Resp: 456073

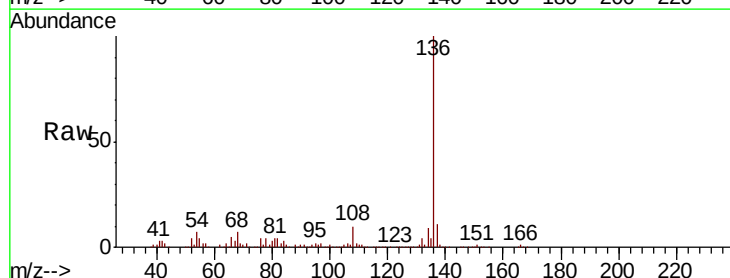
Ion Ratio Lower Upper

136 100

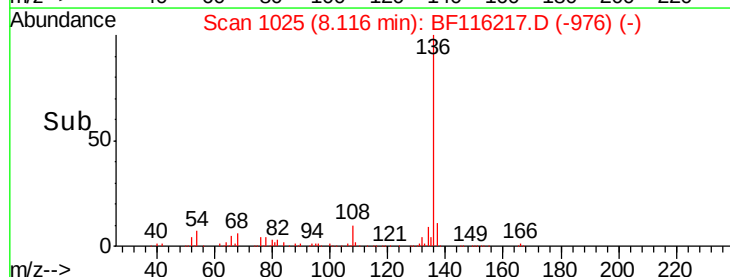
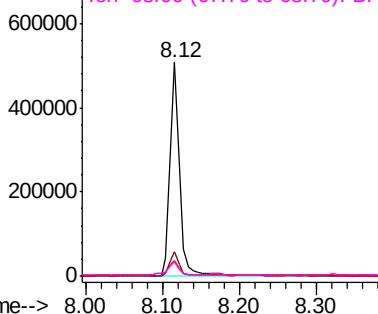
137 11.4 9.0 13.4

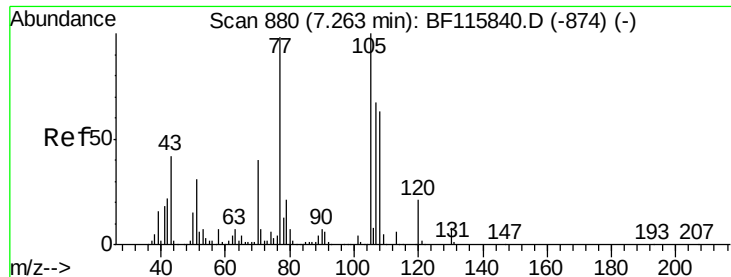
54 7.2 5.8 8.6

68 6.8 5.2 7.8



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





#22

Acetophenone

Concen: 2.773 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.04 min

Lab File: BF116217.D

Acq: 13 Aug 2019 4:11

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-A

Tot Ion:105 Resp: 27741

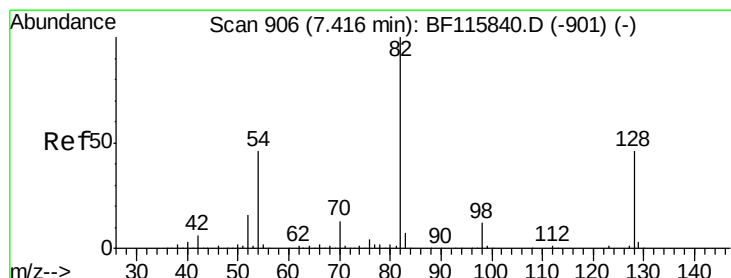
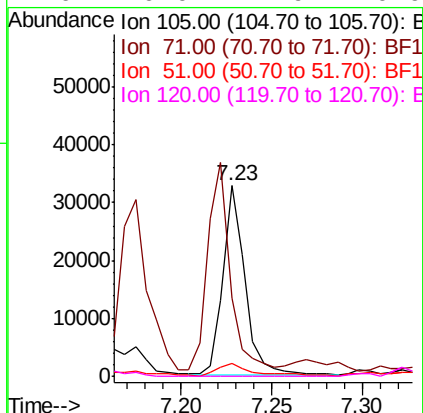
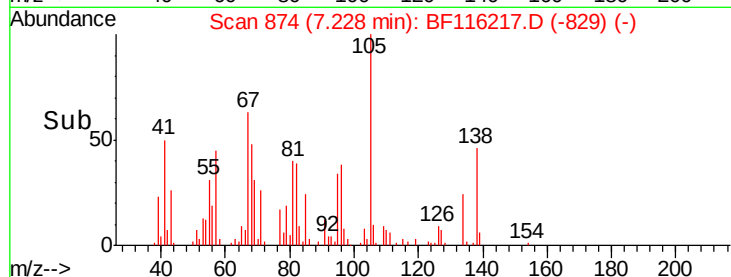
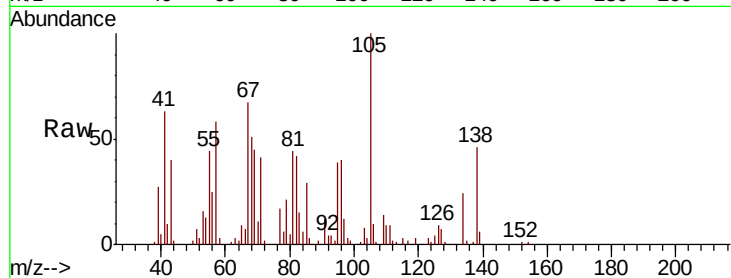
Ion Ratio Lower Upper

105 100

71 41.2 5.9 8.9#

51 6.9 25.3 37.9#

120 0.0 17.9 26.9#



#23

Nitrobenzene-d5

Concen: 12.442 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116217.D

Acq: 13 Aug 2019 4:11

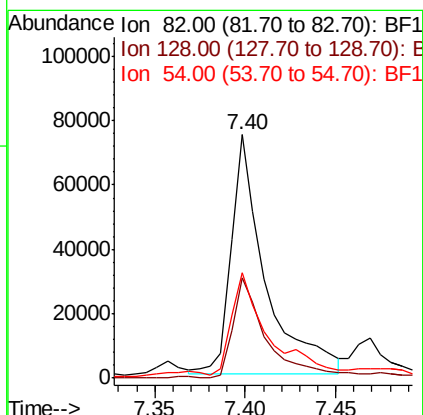
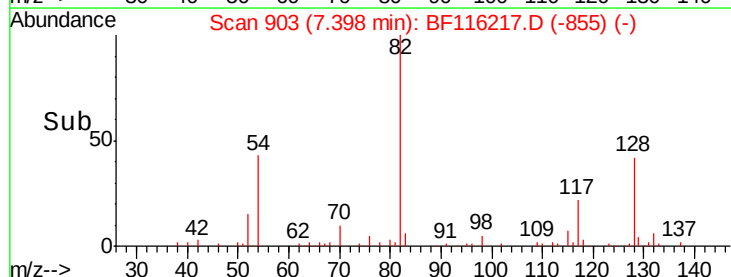
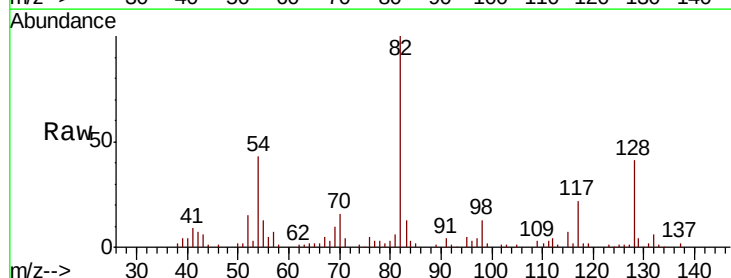
Tgt Ion: 82 Resp: 98301

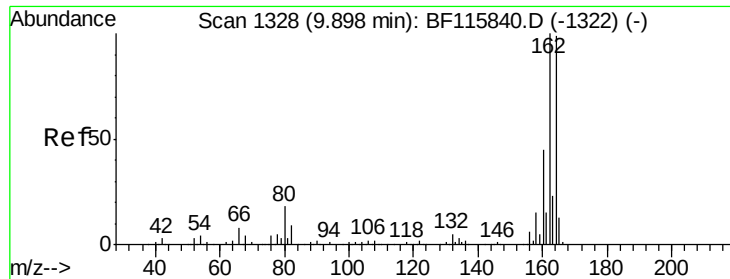
Ion Ratio Lower Upper

82 100

128 41.4 36.5 54.7

54 43.4 36.0 54.0

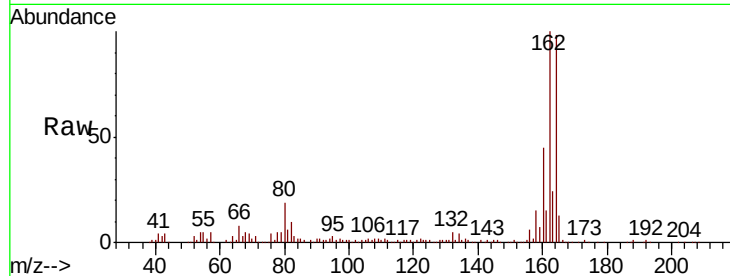




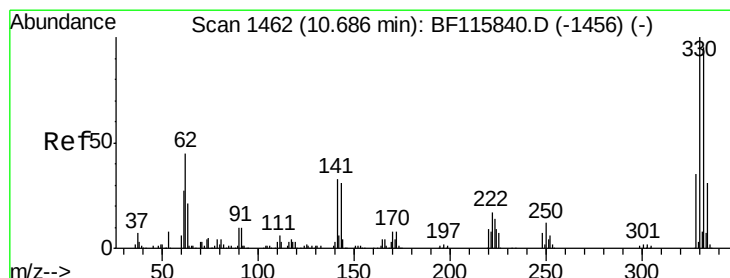
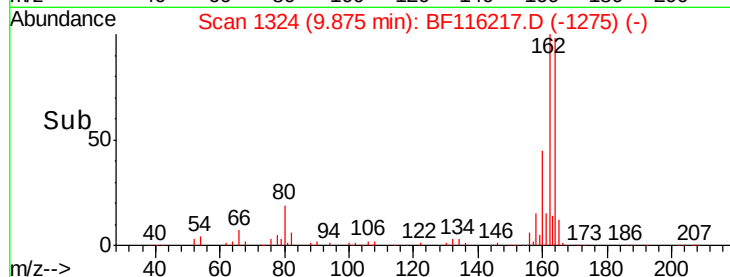
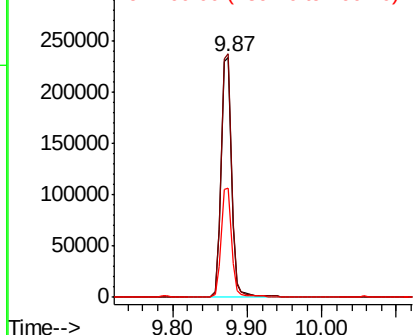
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116217.D
Acq: 13 Aug 2019 4:11

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-A

Tot Ion:164 Resp: 224359
Ion Ratio Lower Upper
164 100
162 101.5 82.6 124.0
160 45.8 37.6 56.4

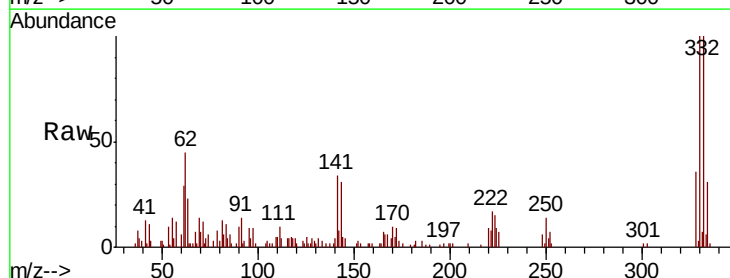


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

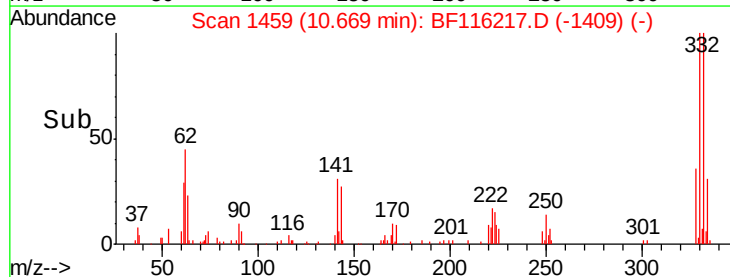
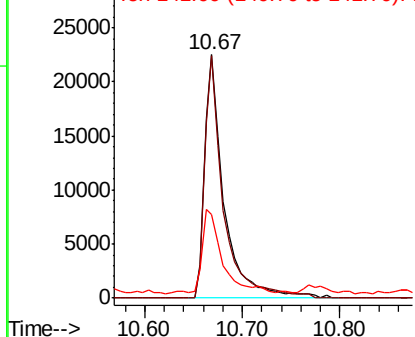


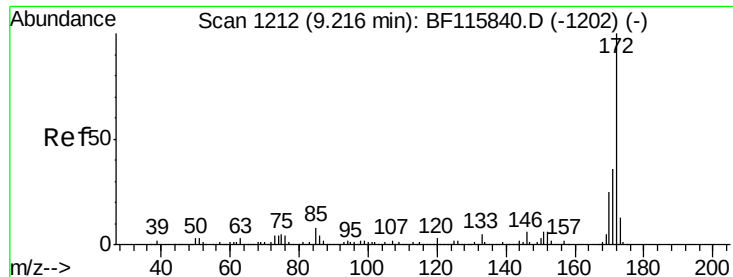
#42
2,4,6-Tribromophenol
Concen: 14.250 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116217.D
Acq: 13 Aug 2019 4:11

Tgt Ion:330 Resp: 30997
Ion Ratio Lower Upper
330 100
332 95.9 76.8 115.2
141 37.8 26.3 39.5



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

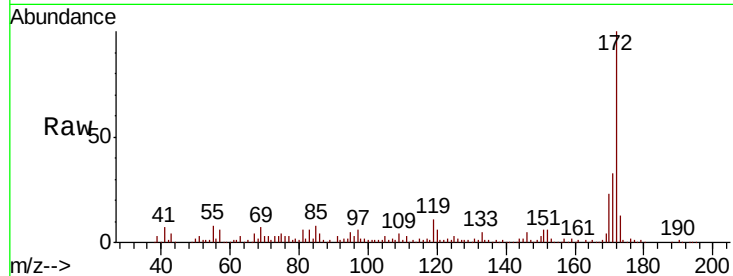




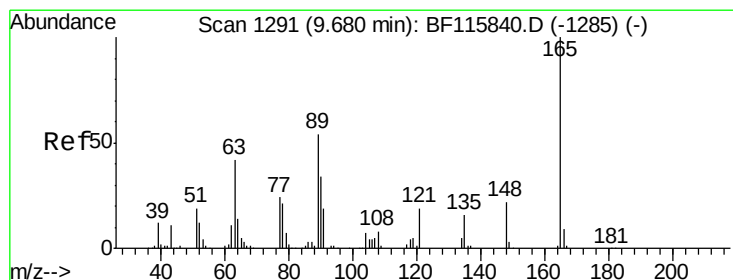
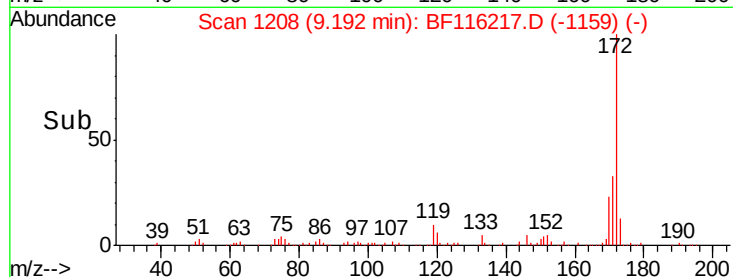
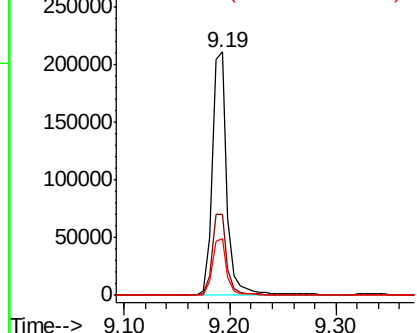
#45
2-Fluorobiphenyl
Concen: 17.373 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116217.D
Acq: 13 Aug 2019 4:11

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-A

Tot Ion:172 Resp: 208092
Ion Ratio Lower Upper
172 100
171 33.4 29.6 44.4
170 23.1 20.1 30.1

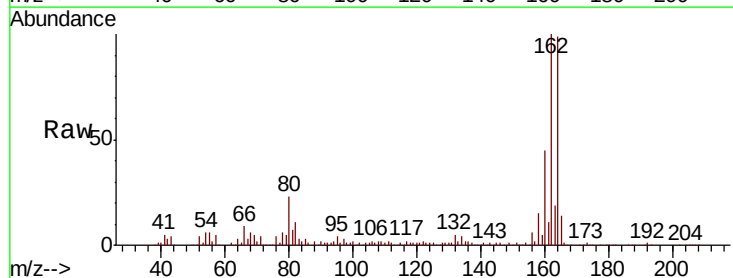


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

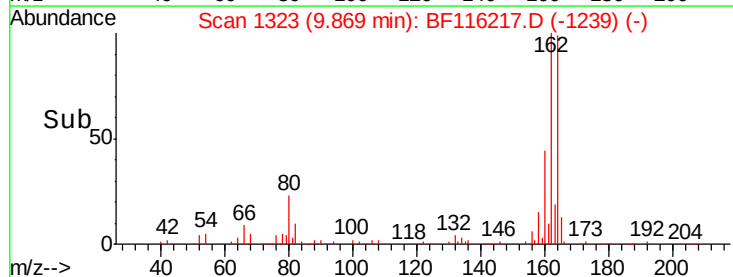
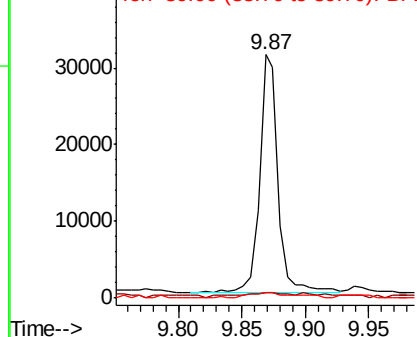


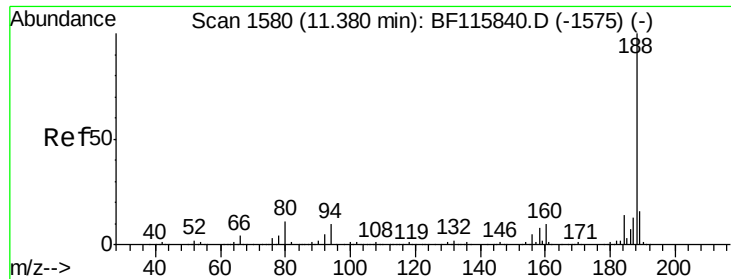
#51
2,6-Dinitrotoluene
Concen: 9.616 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.19 min
Lab File: BF116217.D
Acq: 13 Aug 2019 4:11

Tgt Ion:165 Resp: 31922
Ion Ratio Lower Upper
165 100
63 2.2 38.2 57.2#
89 2.5 42.9 64.3#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

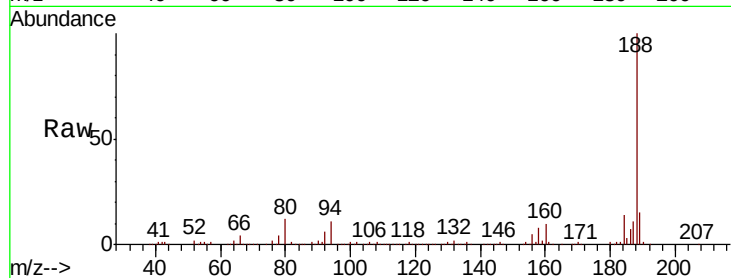




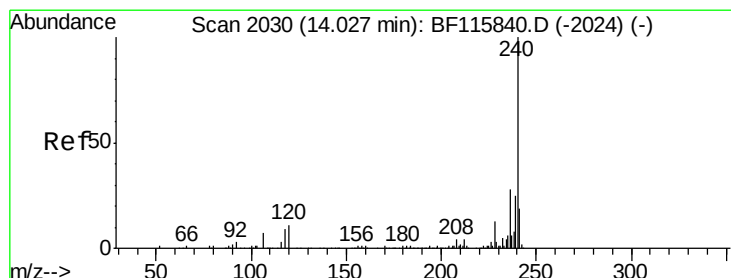
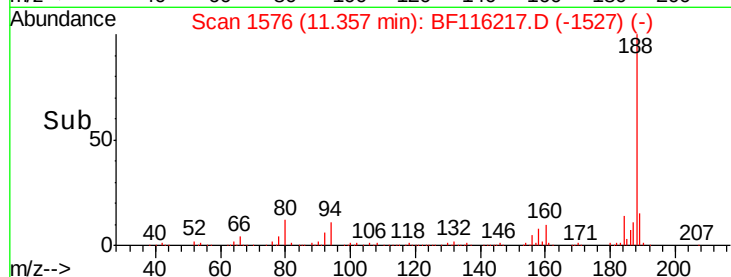
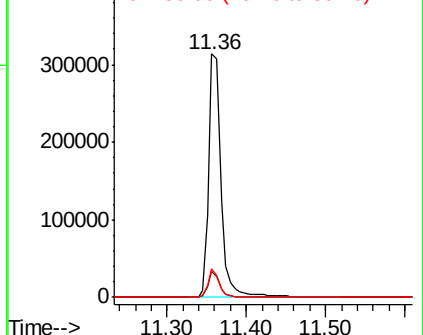
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116217.D
Acq: 13 Aug 2019 4:11

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-A

Tot Ion:188 Resp: 343714
Ion Ratio Lower Upper
188 100
94 10.8 8.1 12.1
80 11.5 8.7 13.1

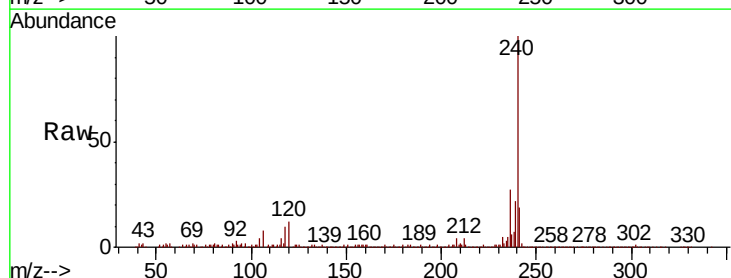


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

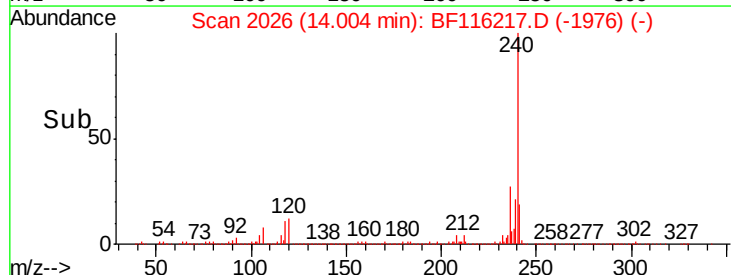
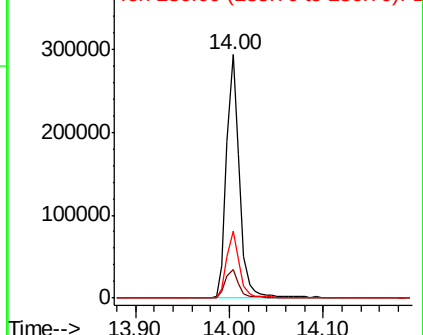


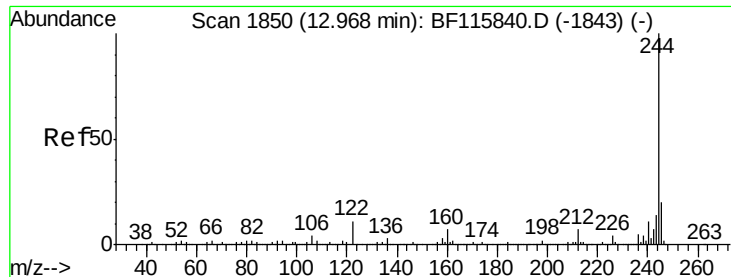
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116217.D
Acq: 13 Aug 2019 4:11

Tgt Ion:240 Resp: 280557
Ion Ratio Lower Upper
240 100
120 12.0 10.7 16.1
236 27.3 22.2 33.2



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: 13.413 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116217.D

Acq: 13 Aug 2019 4:11

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-A

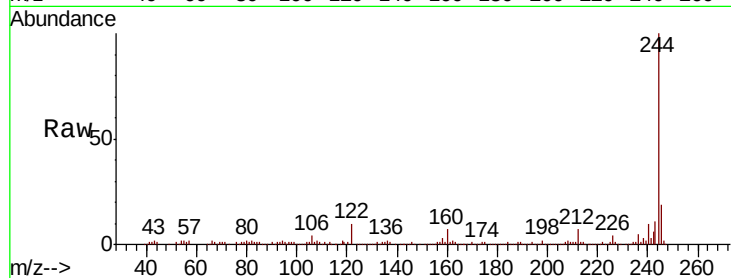
Tot Ion:244 Resp: 178584

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

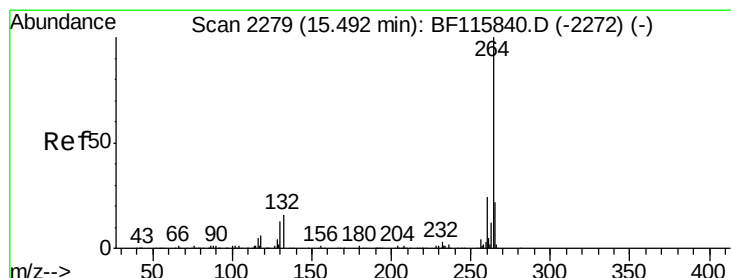
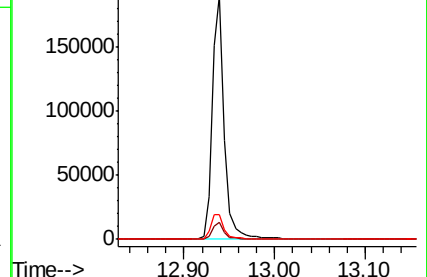
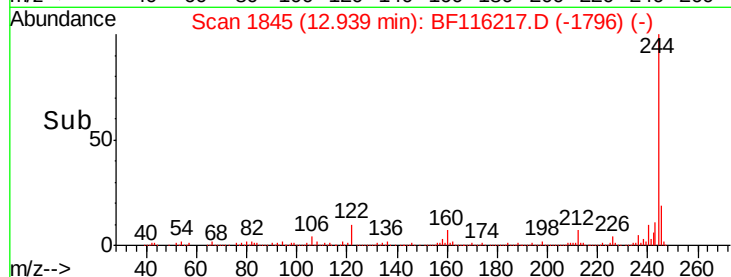
122 9.9 9.0 13.4



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: 15.47 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BF116217.D

Acq: 13 Aug 2019 4:11

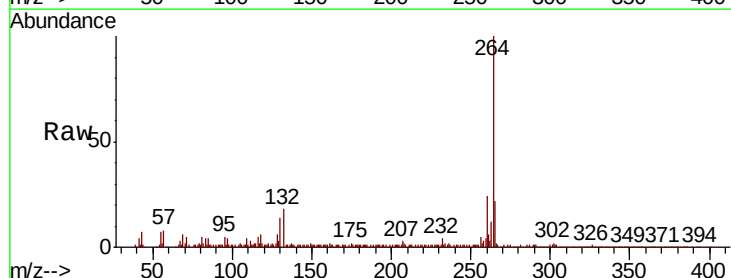
Tgt Ion:264 Resp: 237173

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 21.9 17.4 26.0



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

