

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118070.D
 Acq On : 3 Dec 2019 18:57
 Operator : JU
 Sample : K6090-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-20-S

Quant Time: Dec 04 01:04:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

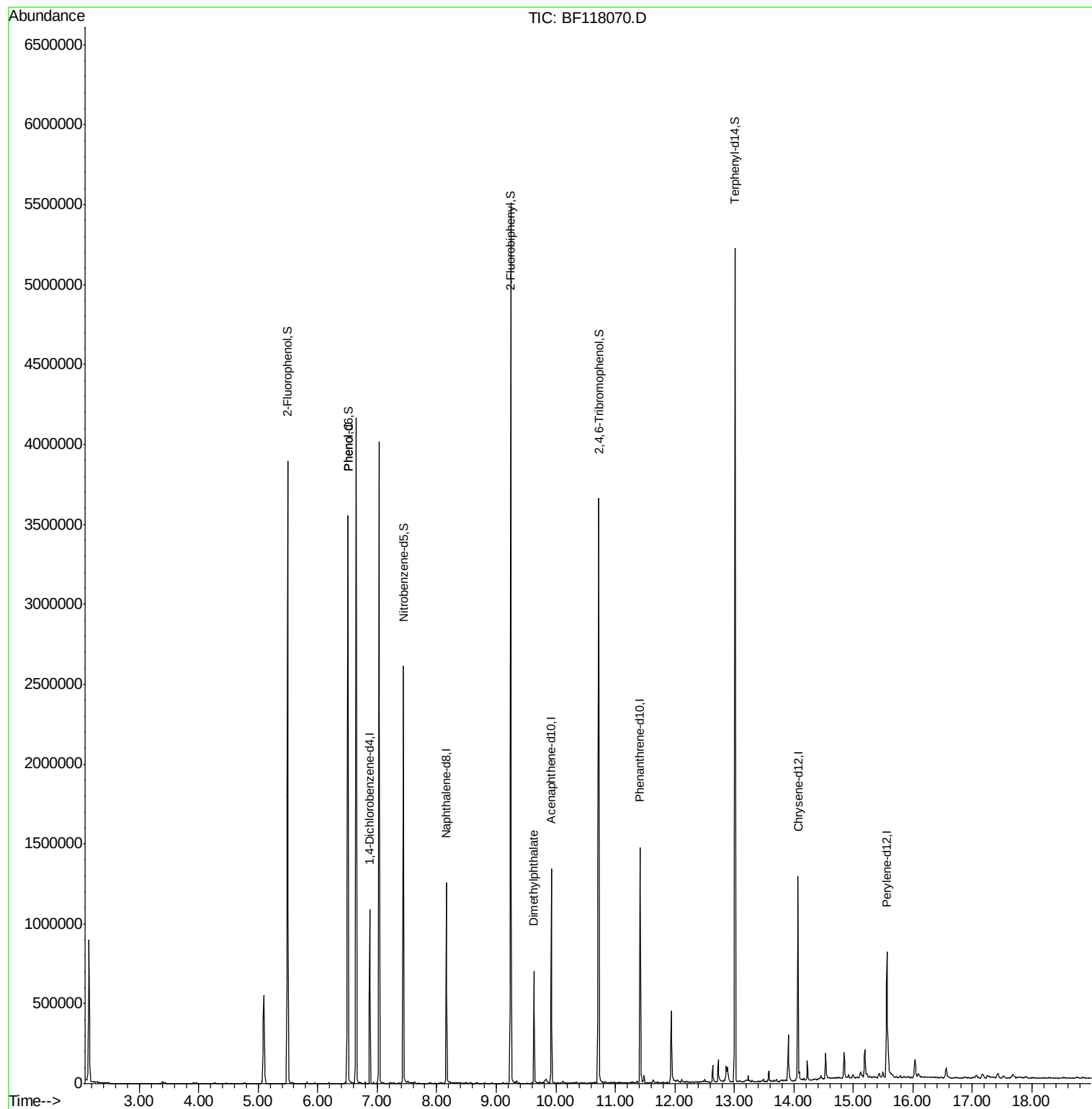
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144409	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	551991	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	290834	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	553955	20.00	ng	0.00
76) Chrysene-d12	14.07	240	377160	20.00	ng	0.00
87) Perylene-d12	15.56	264	349483	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1133168	138.90	ng	0.01
7) Phenol-d6	6.51	99	1417555	144.06	ng	0.00
23) Nitrobenzene-d5	7.44	82	879670	94.73	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	488162	158.54	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1674641	103.30	ng	0.00
79) Terphenyl-d14	13.02	244	2040702	98.89	ng	0.00
Target Compounds						
10) Phenol	6.52	94	28196	2.757	ng	86
50) Dimethylphthalate	9.63	163	263326	12.912	ng	99

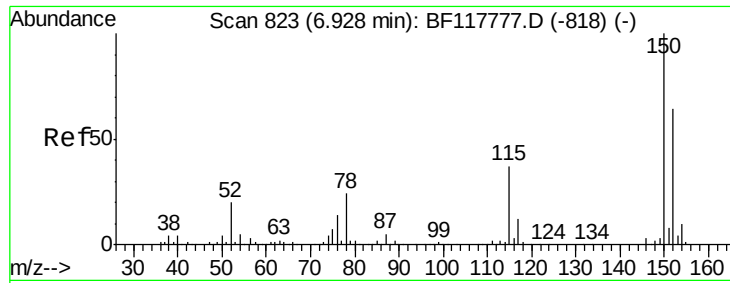
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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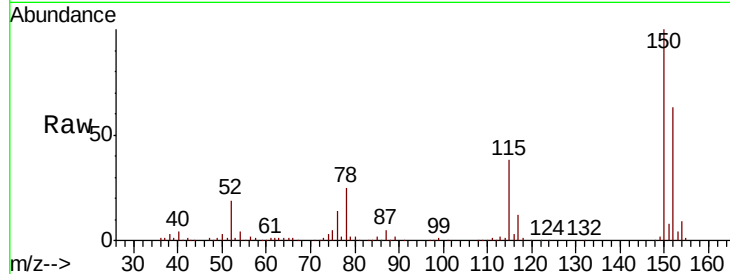


#1

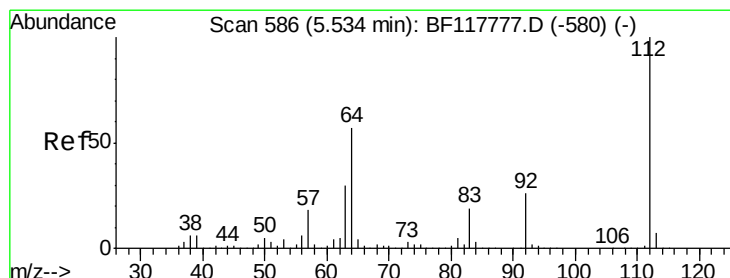
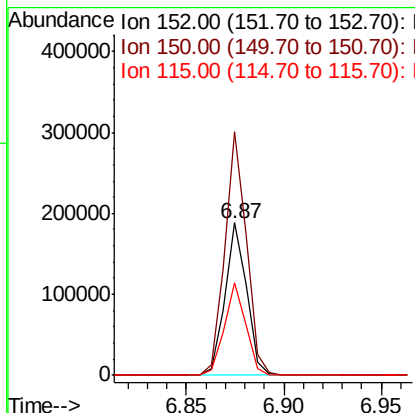
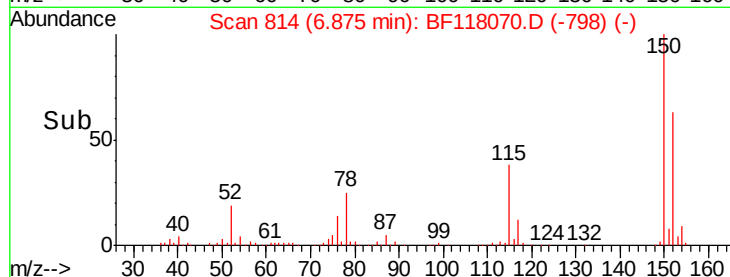
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118070.D
Acq: 3 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
TP-20-S

Tot Ion:152 Resp: 144409
Ion Ratio Lower Upper
152 100
150 159.8 121.4 182.2
115 61.0 48.8 73.2



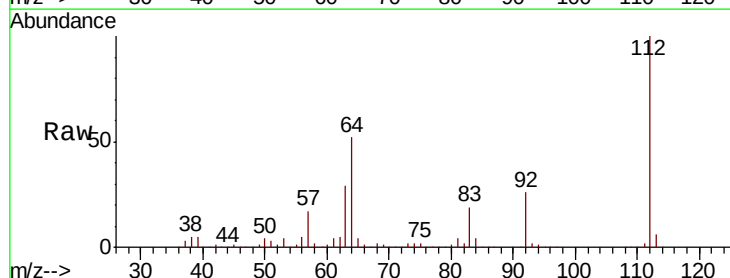
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



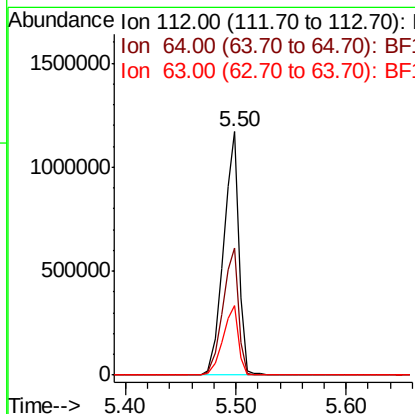
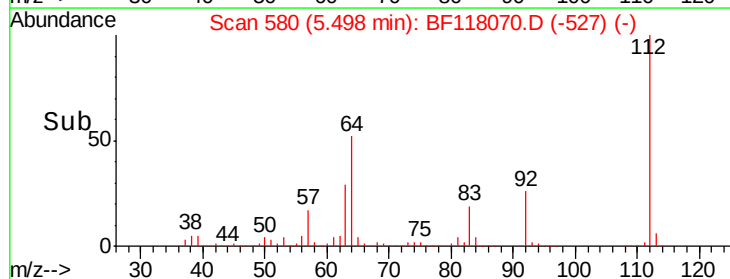
#5

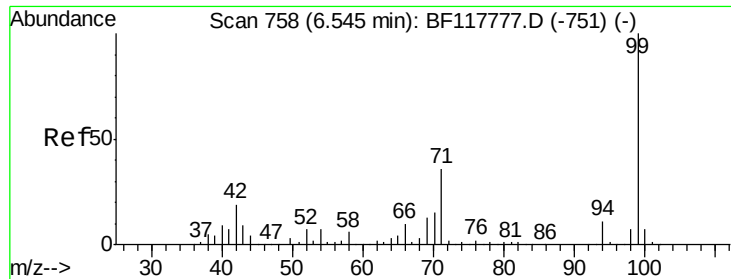
2-Fluorophenol
Concen: 138.899 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF118070.D
Acq: 3 Dec 2019 18:57

Tgt Ion:112 Resp: 1133168
Ion Ratio Lower Upper
112 100
64 52.5 45.1 67.7
63 28.6 24.6 37.0



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: 144.059 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118070.D

Acq: 3 Dec 2019 18:57

Instrument :

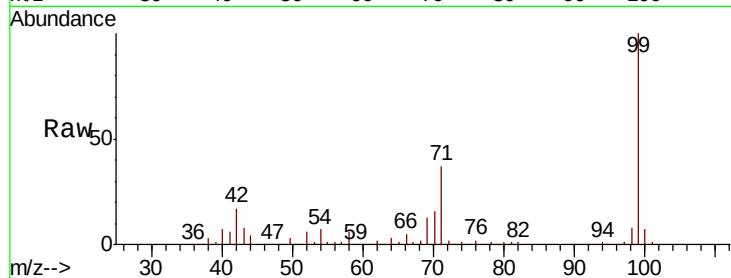
BNA_F

ClientSampleId :

TP-20-S

Tot Ion: 99 Resp: 1417555

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.0	21.0
71	37.1	29.2	43.8

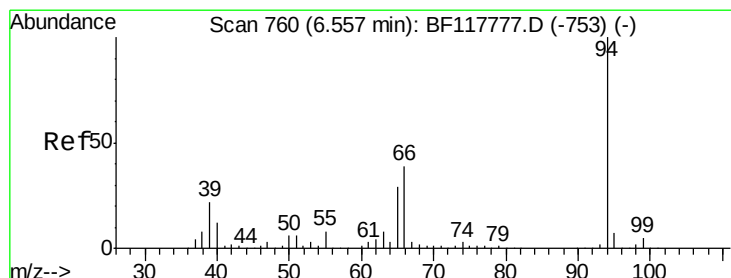
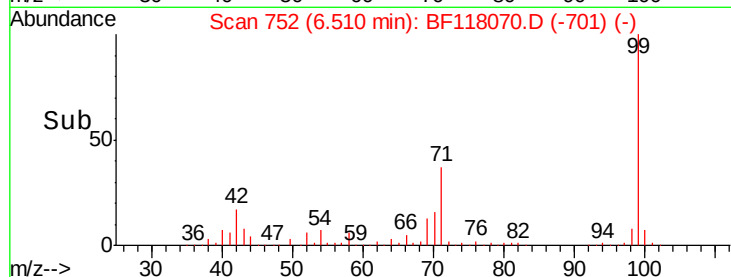
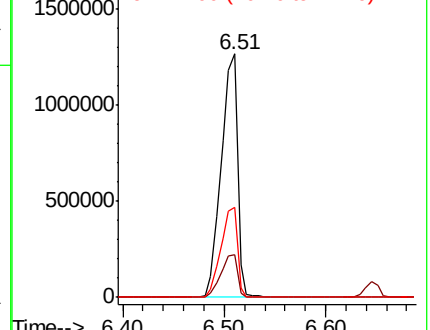


Abundance

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: 2.757 ng

RT: 6.52 min Scan# 753

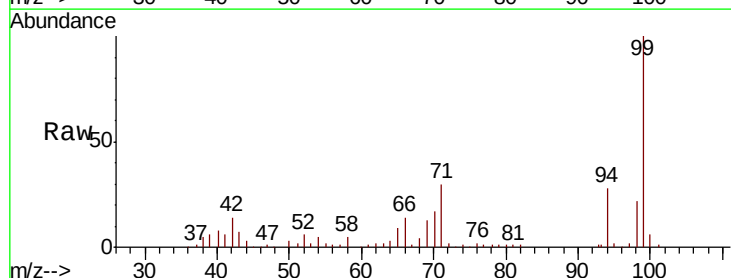
Delta R.T. -0.01 min

Lab File: BF118070.D

Acq: 3 Dec 2019 18:57

Tgt Ion: 94 Resp: 28196

Ion	Ratio	Lower	Upper
94	100		
65	30.5	6.9	46.9
66	49.8	18.6	58.6

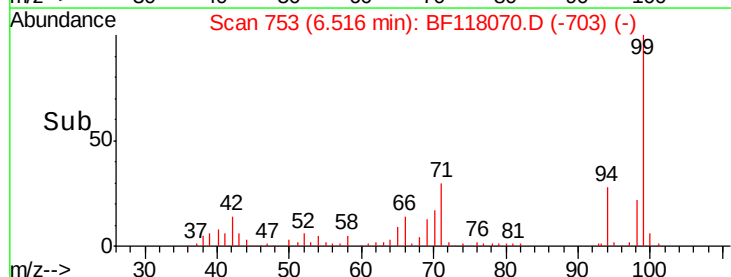
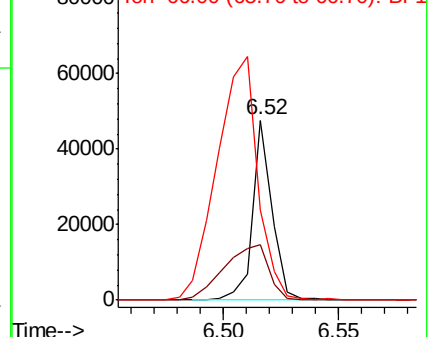


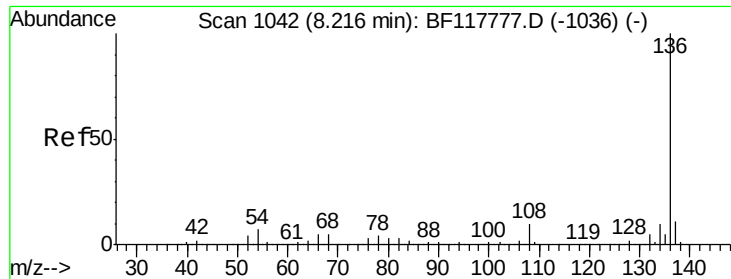
Abundance

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

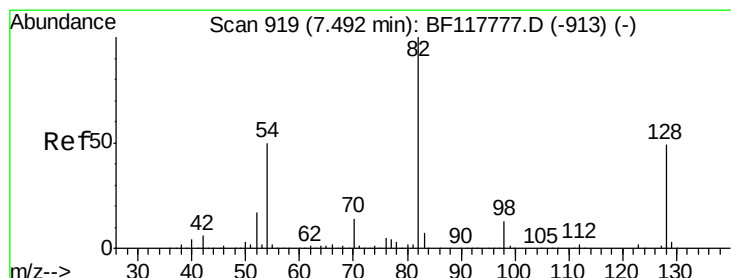
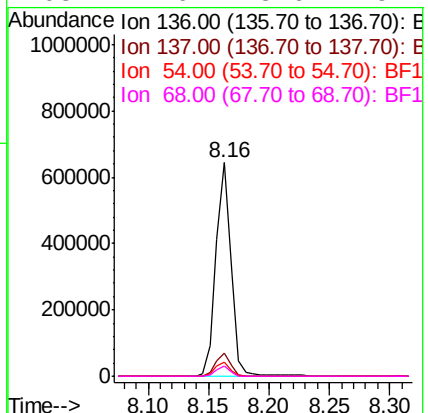
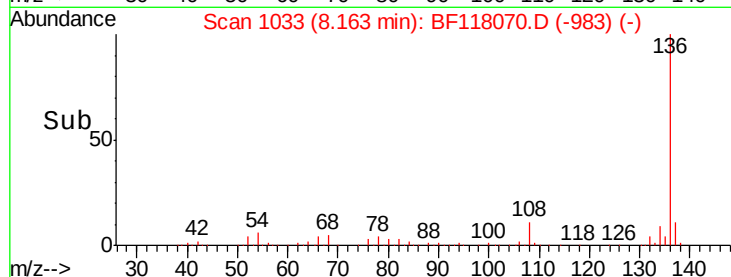
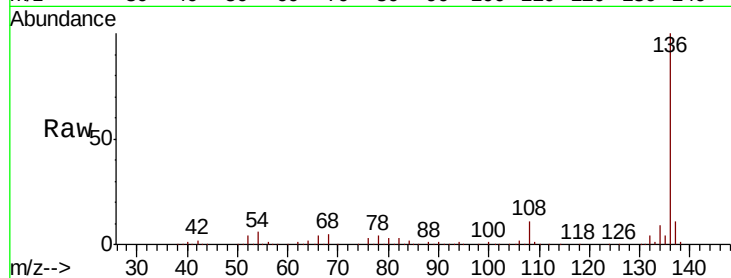




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118070.D
Acq: 3 Dec 2019 18:57

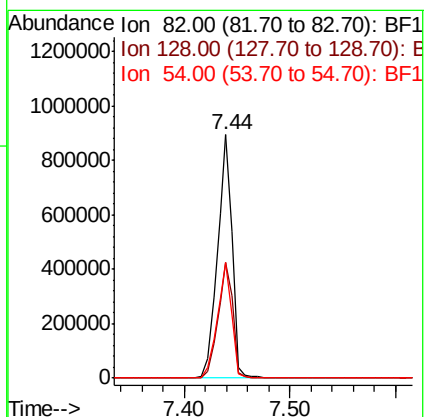
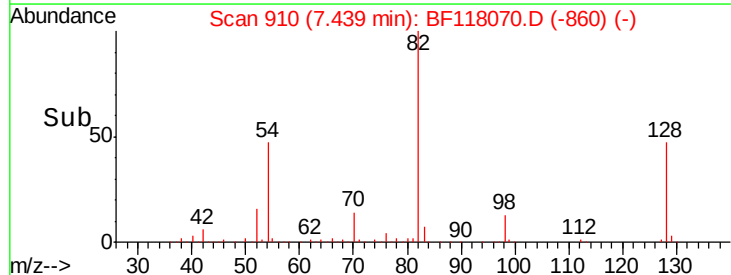
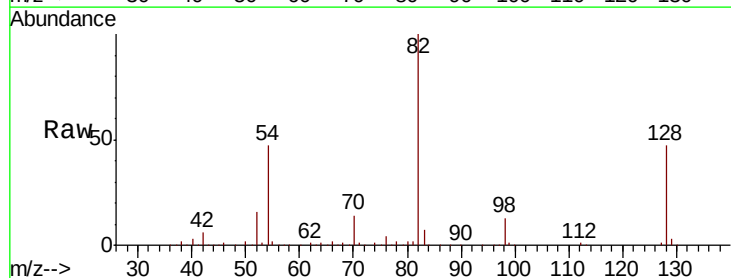
Instrument :
BNA_F
ClientSampleId :
TP-20-S

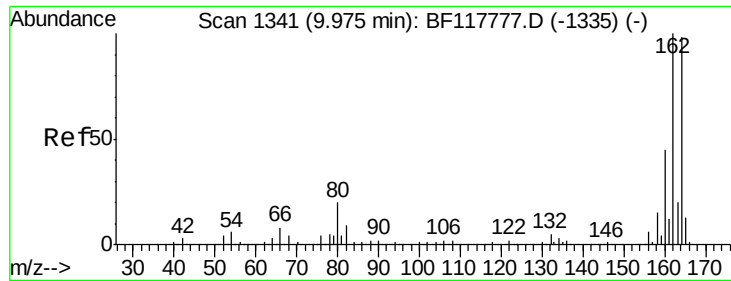
Tot Ion:136	Resp:	551991
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.1 13.7
54	6.4	4.9 7.3
68	4.6	3.6 5.4



#23
Nitrobenzene-d5
Concen: 94.735 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118070.D
Acq: 3 Dec 2019 18:57

Tgt Ion: 82	Resp:	879670
Ion Ratio	Lower	Upper
82	100	
128	47.5	38.2 57.4
54	47.4	39.0 58.4

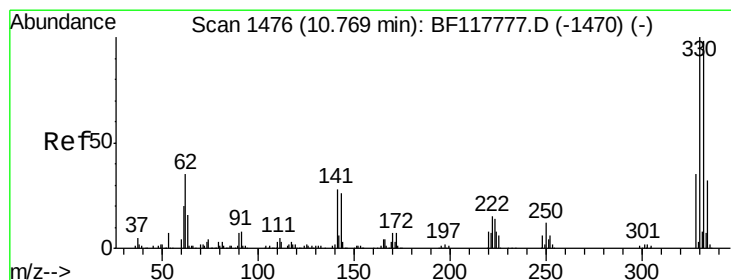
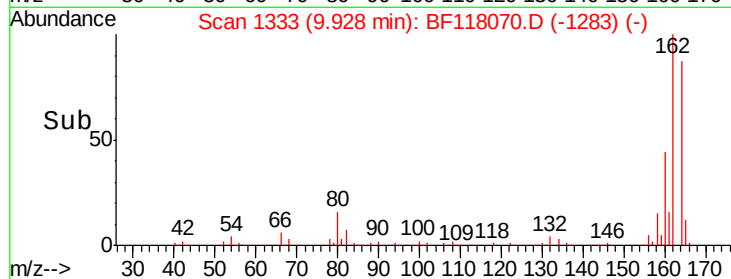
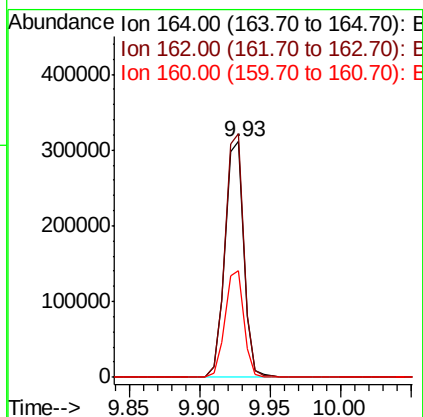
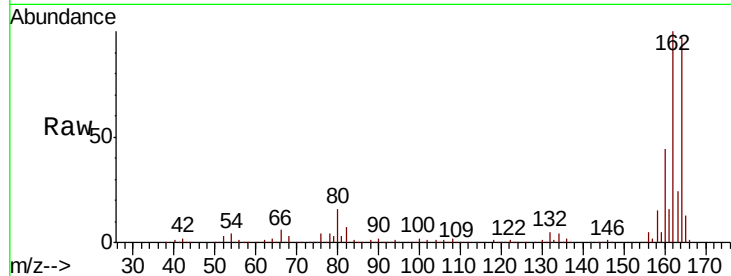




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118070.D
Acq: 3 Dec 2019 18:57

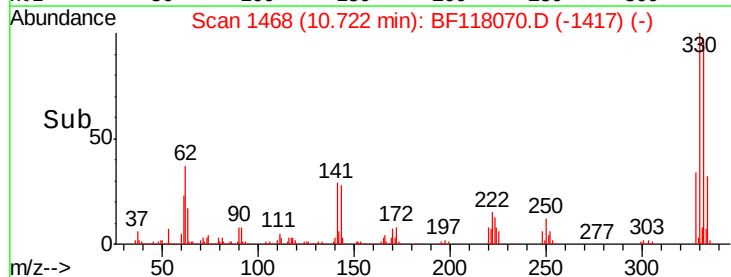
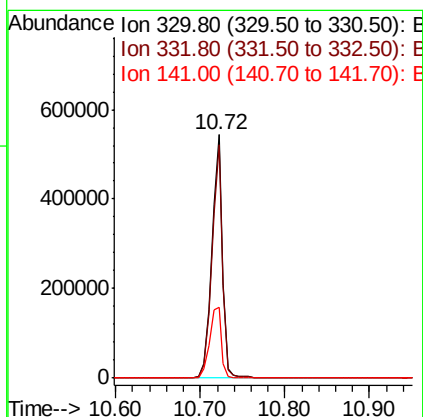
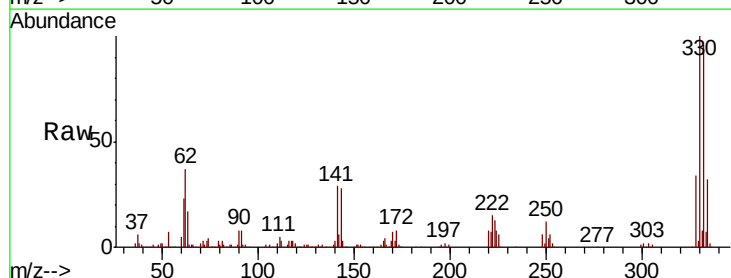
Instrument :
BNA_F
ClientSampleId :
TP-20-S

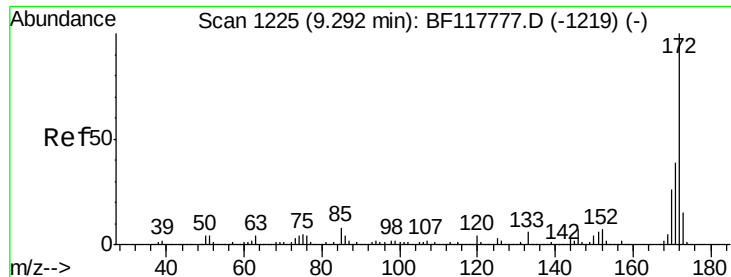
Tot Ion:164 Resp: 290834
Ion Ratio Lower Upper
164 100
162 103.2 81.8 122.8
160 45.5 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 158.544 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF118070.D
Acq: 3 Dec 2019 18:57

Tgt Ion:330 Resp: 488162
Ion Ratio Lower Upper
330 100
332 95.8 78.3 117.5
141 32.4 26.4 39.6

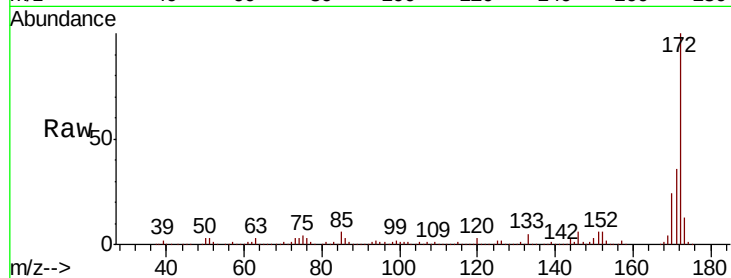




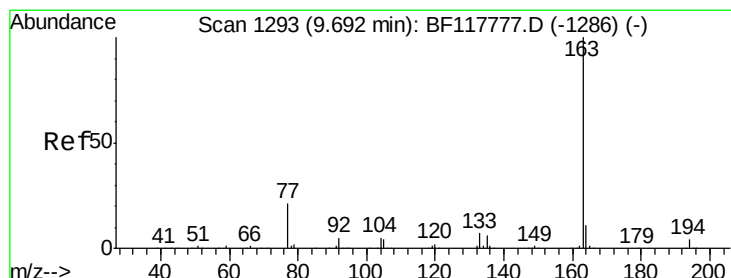
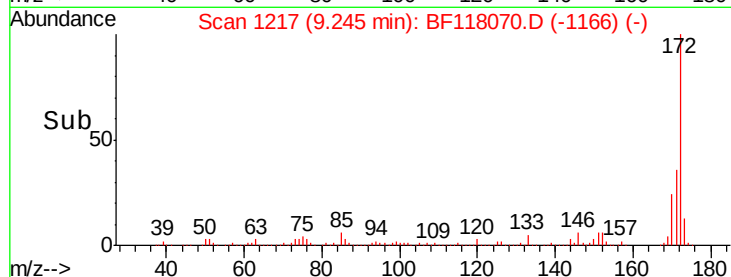
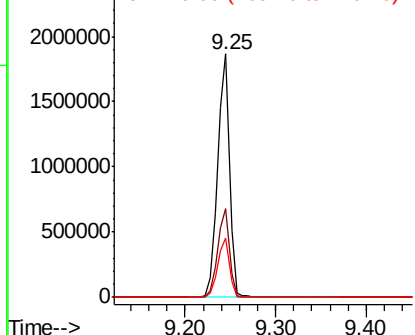
#45
2-Fluorobiphenyl
Concen: 103.302 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118070.D
Acq: 3 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
TP-20-S

Tot Ion:172 Resp: 1674641
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 24.3 19.3 28.9

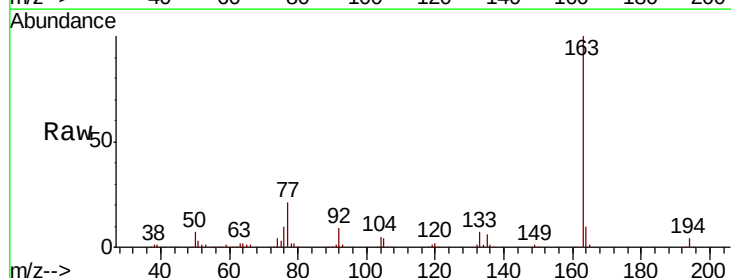


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

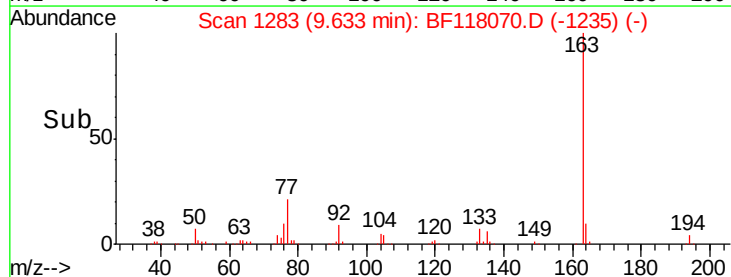
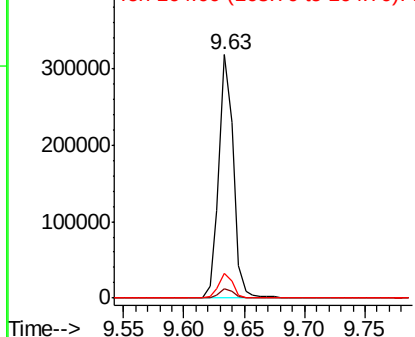


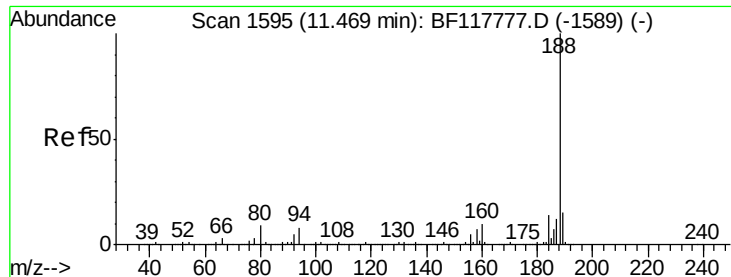
#50
Dimethylphthalate
Concen: 12.912 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF118070.D
Acq: 3 Dec 2019 18:57

Tgt Ion:163 Resp: 263326
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.3 7.9 11.9



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

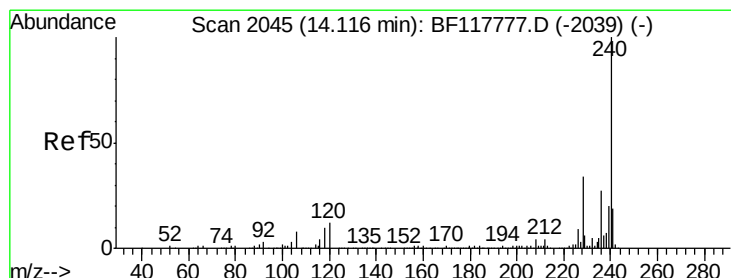
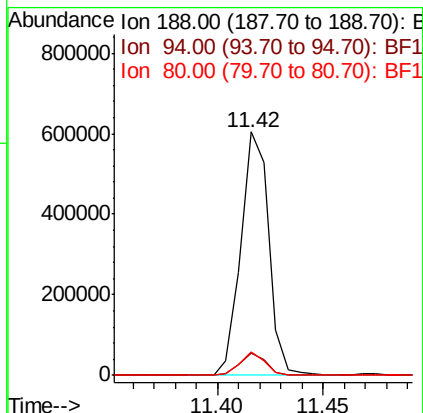
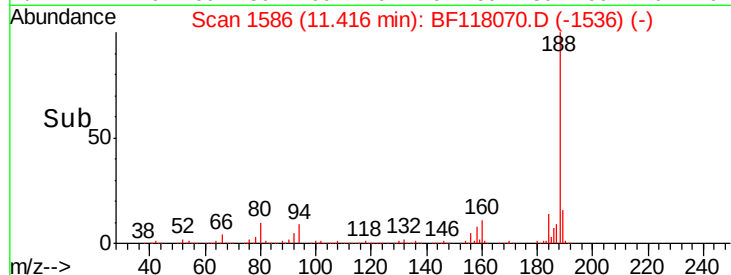
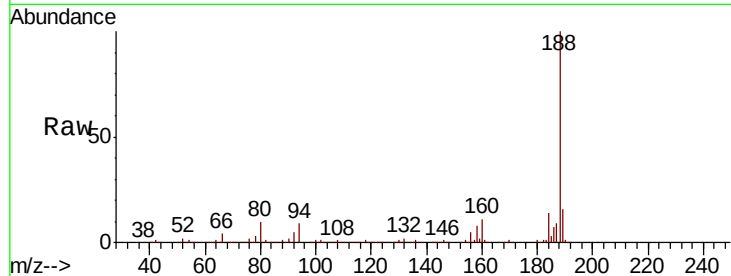




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF118070.D
Acq: 3 Dec 2019 18:57

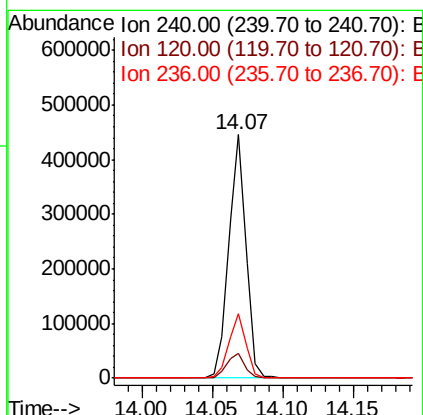
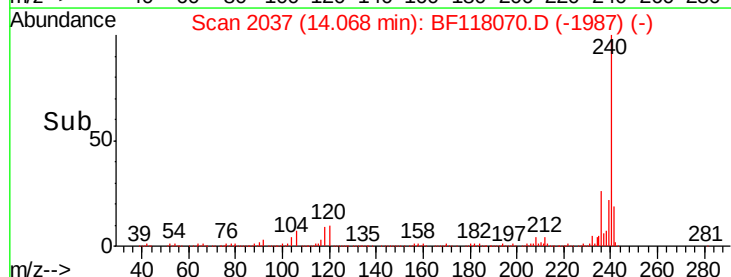
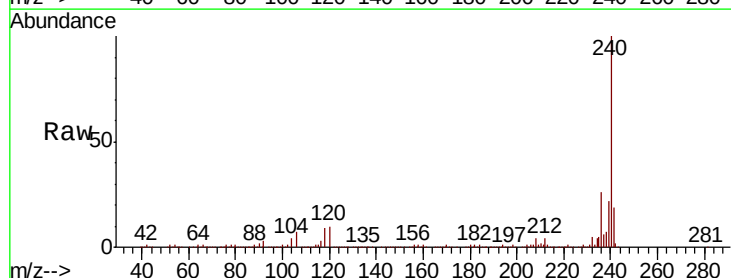
Instrument :
BNA_F
ClientSampleId :
TP-20-S

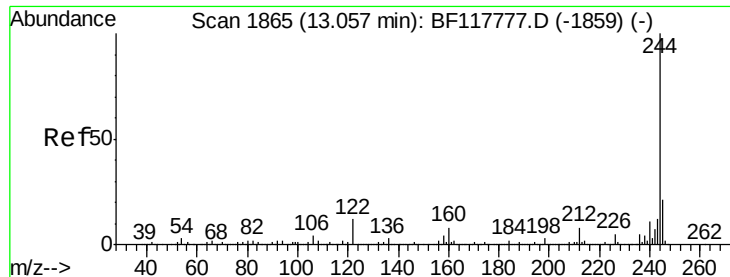
Tot Ion:188 Resp: 553955
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.7 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118070.D
Acq: 3 Dec 2019 18:57

Tgt Ion:240 Resp: 377160
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 26.3 20.6 31.0





#79

Terphenyl-d14

Concen: 98.887 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BF118070.D

Acq: 3 Dec 2019 18:57

Instrument :

BNA_F

ClientSampled :

TP-20-S

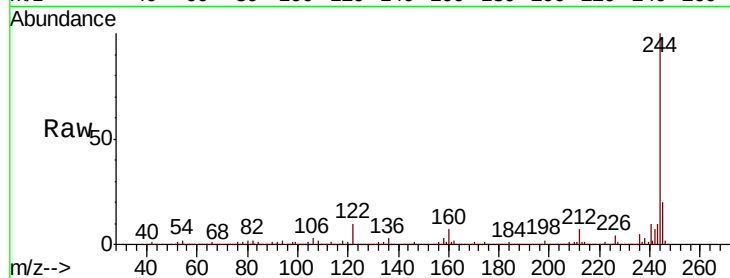
Tot Ion:244 Resp: 2040702

Ion Ratio Lower Upper

244 100

212 6.8 5.2 7.8

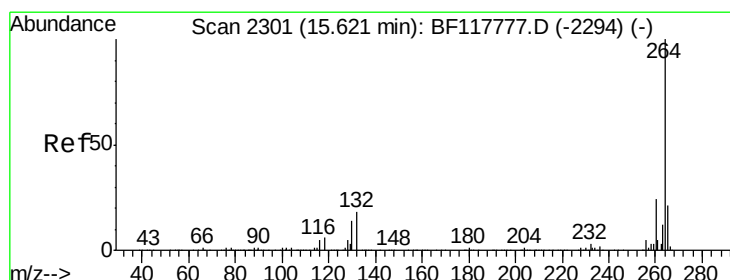
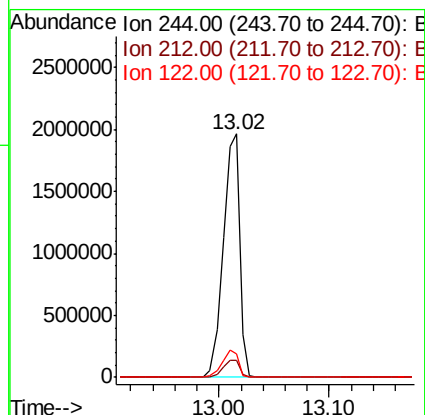
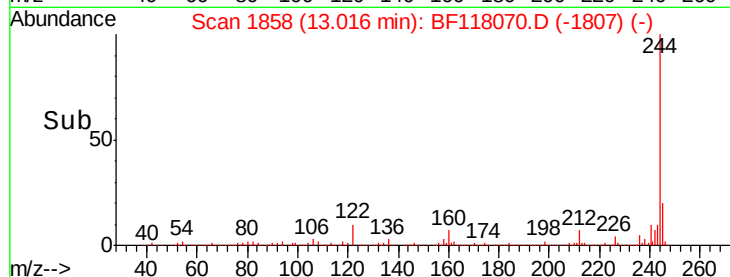
122 9.8 7.2 10.8



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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF118070.D

Acq: 3 Dec 2019 18:57

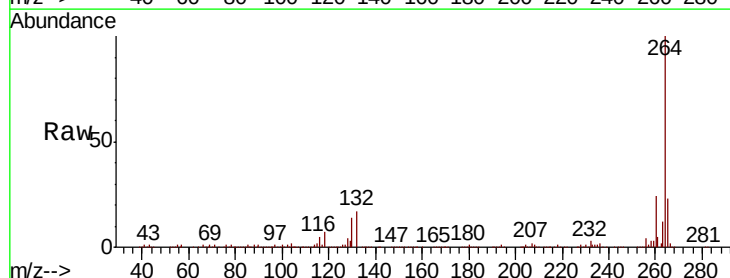
Tgt Ion:264 Resp: 349483

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 22.6 16.4 24.6



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

