

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118270.D
 Acq On : 18 Dec 2019 20:30
 Operator : JU
 Sample : K6357-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PF-02

Quant Time: Dec 19 03:58:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

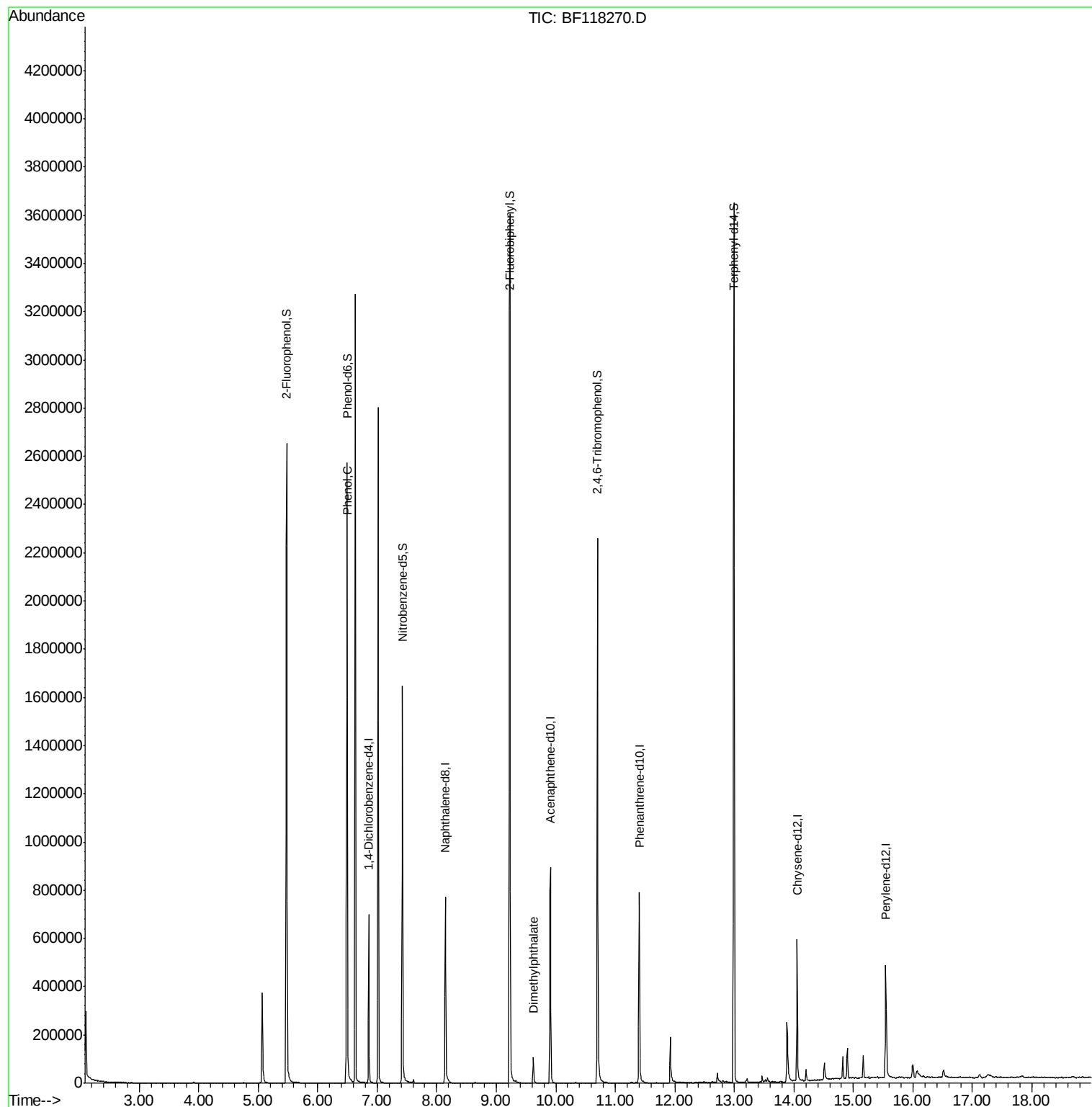
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	99686	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	380058	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	197131	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	351643	20.00	ng	0.00
76) Chrysene-d12	14.05	240	217139	20.00	ng	-0.02
87) Perylene-d12	15.54	264	227176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	787658	138.39	ng	0.00
7) Phenol-d6	6.49	99	986223	143.26	ng	0.00
23) Nitrobenzene-d5	7.42	82	595578	88.16	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	311279	129.98	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1155851	89.22	ng	-0.01
79) Terphenyl-d14	12.99	244	1198990	94.95	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	17836	2.272	ng	89
50) Dimethylphthalate	9.62	163	54906	3.771	ng	100

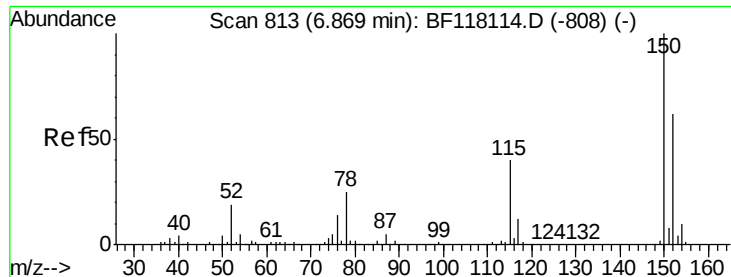
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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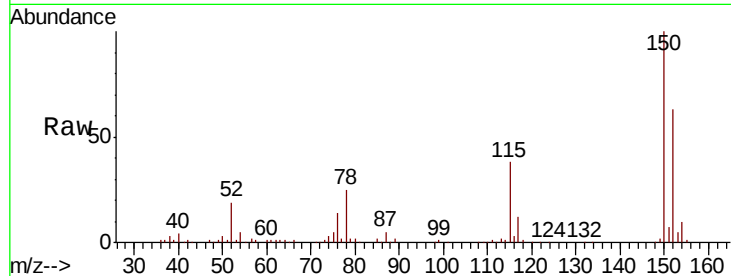


#1

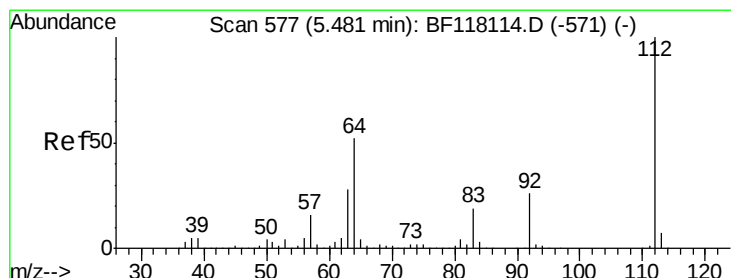
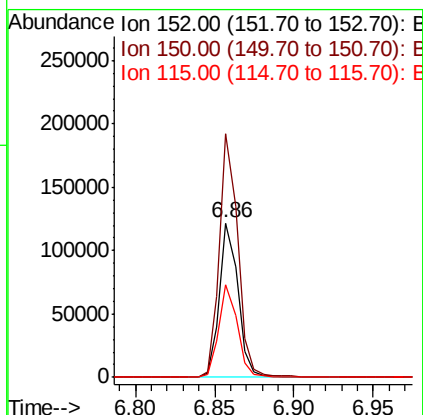
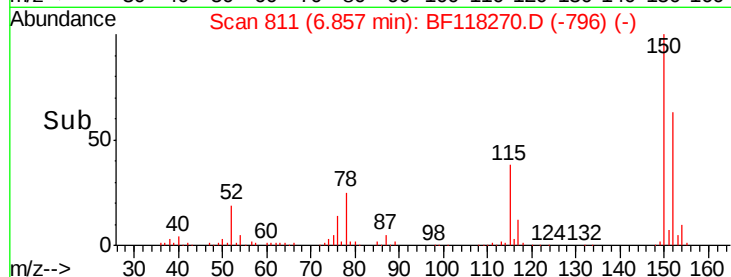
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF118270.D
 Acq: 18 Dec 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PF-02

Tot Ion:152 Resp: 99686
 Ion Ratio Lower Upper
 152 100
 150 158.0 128.3 192.5
 115 60.5 51.1 76.7



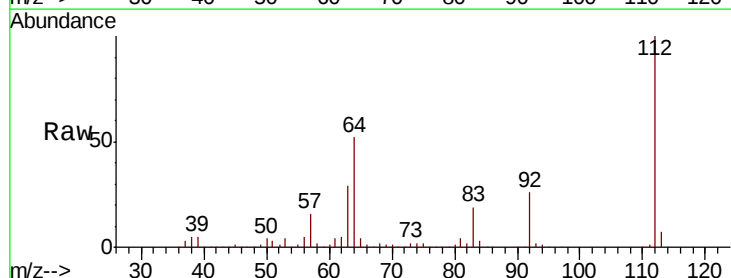
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



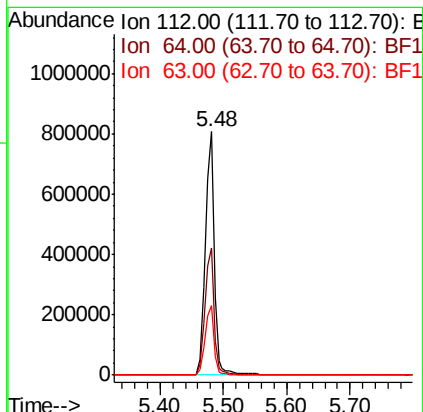
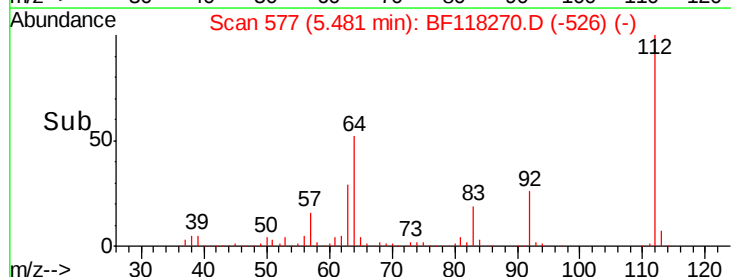
#5

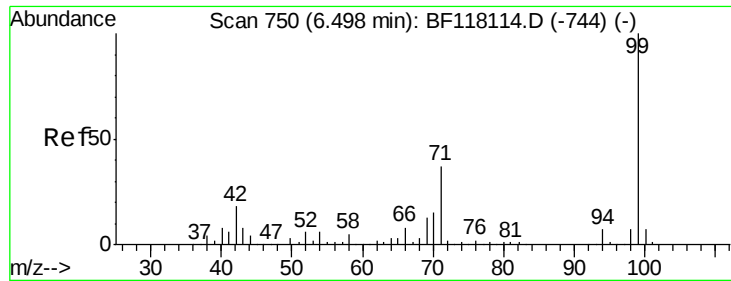
2-Fluorophenol
 Concen: 138.390 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF118270.D
 Acq: 18 Dec 2019 20:30

Tgt Ion:112 Resp: 787658
 Ion Ratio Lower Upper
 112 100
 64 52.0 41.3 61.9
 63 28.6 22.4 33.6



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: 143.260 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118270.D

Acq: 18 Dec 2019 20:30

Instrument :

BNA_F

ClientSampled :

PF-02

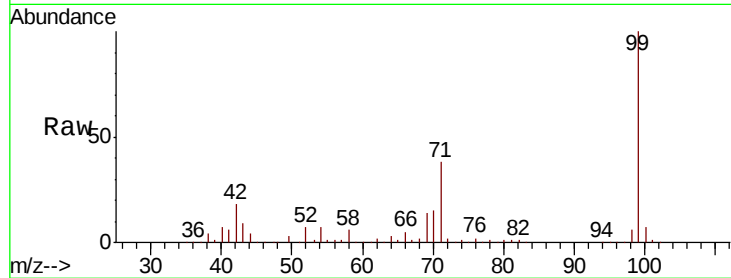
Tot Ion: 99 Resp: 986223

Ion Ratio Lower Upper

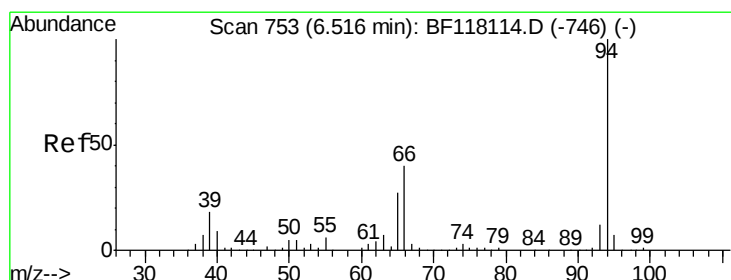
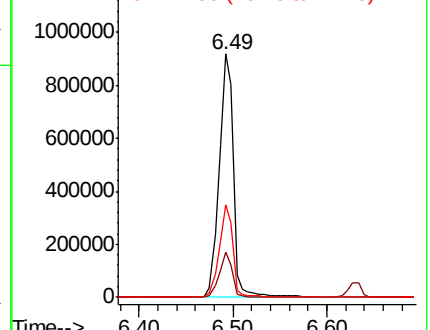
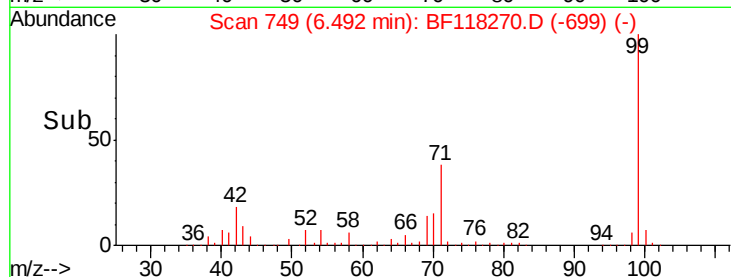
99 100

42 18.4 14.1 21.1

71 38.2 29.7 44.5



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: 2.272 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118270.D

Acq: 18 Dec 2019 20:30

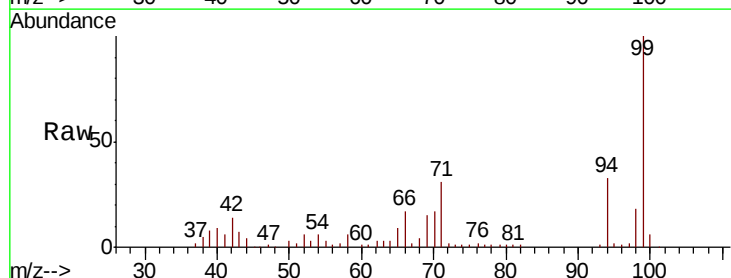
Tgt Ion: 94 Resp: 17836

Ion Ratio Lower Upper

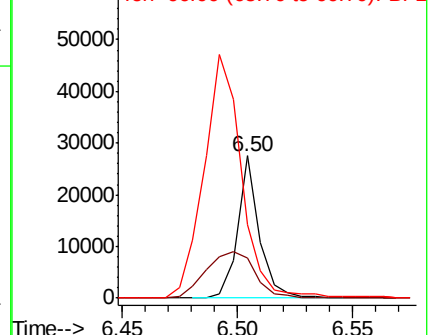
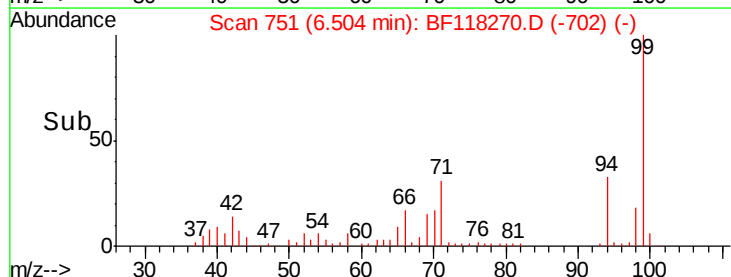
94 100

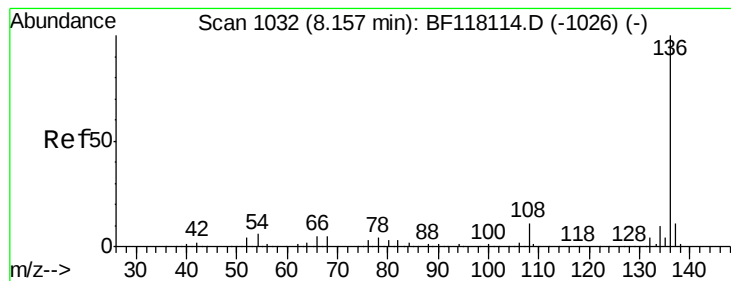
65 27.9 7.3 47.3

66 51.6 20.2 60.2



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: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118270.D

Acq: 18 Dec 2019 20:30

Instrument :

BNA_F

ClientSampleId :

PF-02

Tot Ion:136 Resp: 380058

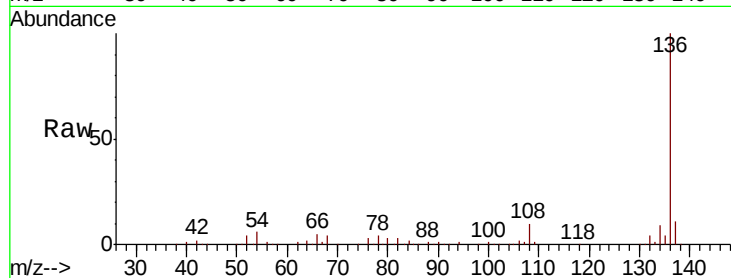
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.2 5.0 7.6

68 4.4 3.8 5.8

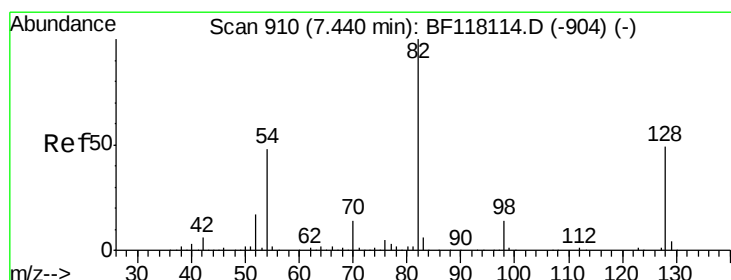
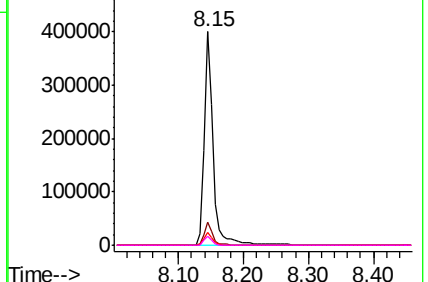
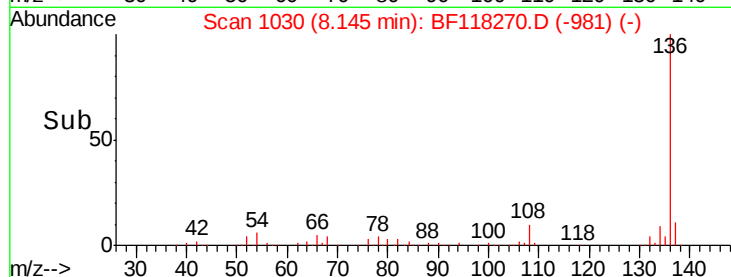


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 88.160 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118270.D

Acq: 18 Dec 2019 20:30

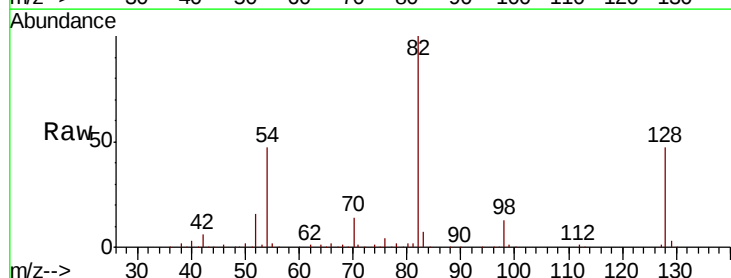
Tgt Ion: 82 Resp: 595578

Ion Ratio Lower Upper

82 100

128 46.8 39.1 58.7

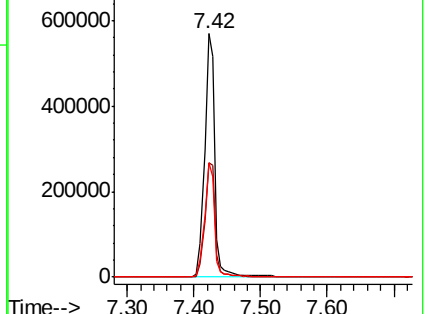
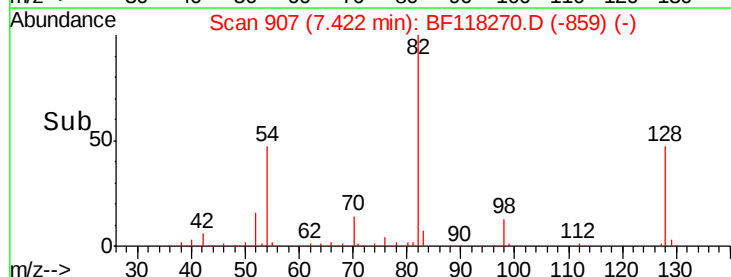
54 46.7 38.2 57.2

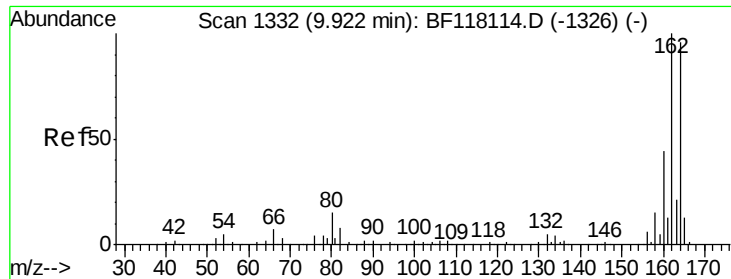


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118270.D

Acq: 18 Dec 2019 20:30

Instrument :

BNA_F

ClientSampleId :

PF-02

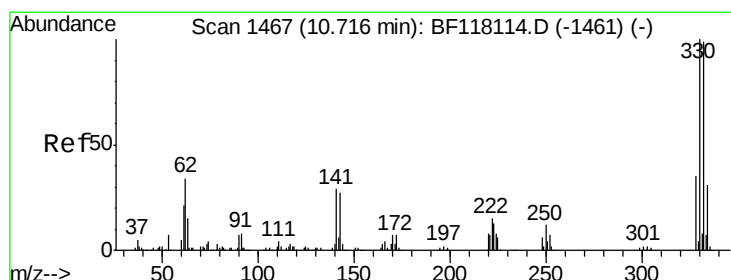
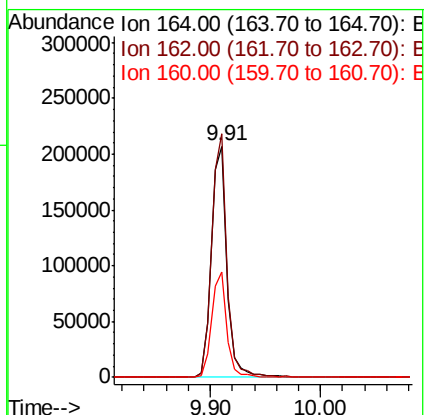
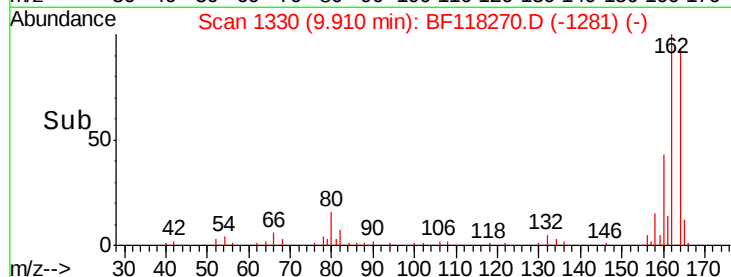
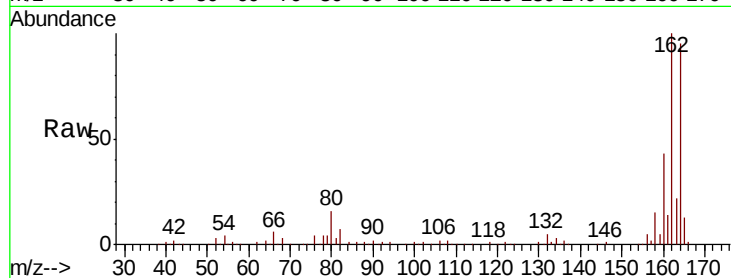
Tot Ion:164 Resp: 197131

Ion Ratio Lower Upper

164 100

162 105.3 83.4 125.0

160 45.5 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 129.982 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118270.D

Acq: 18 Dec 2019 20:30

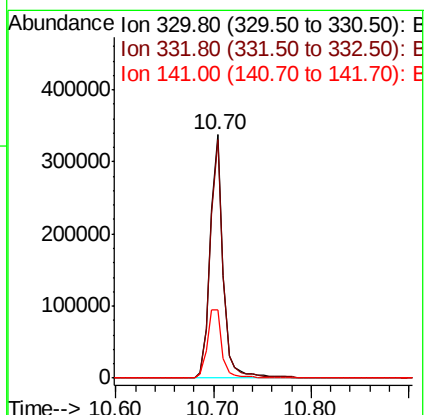
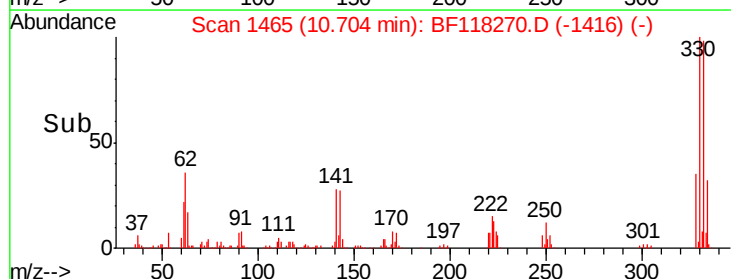
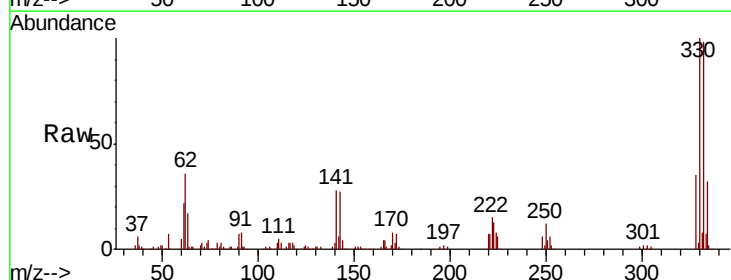
Tgt Ion:330 Resp: 311279

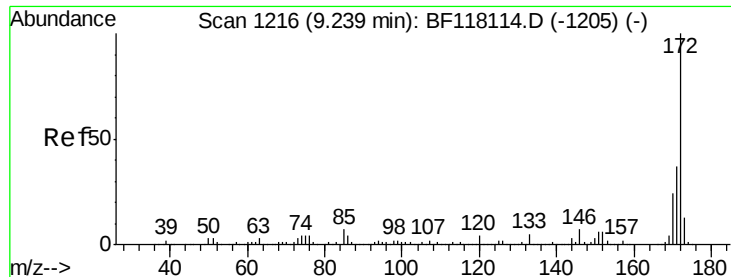
Ion Ratio Lower Upper

330 100

332 98.3 78.1 117.1

141 32.4 26.9 40.3

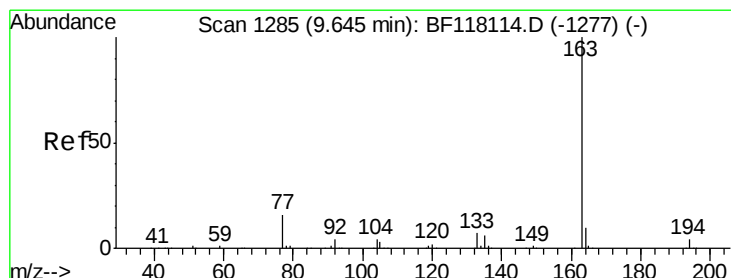
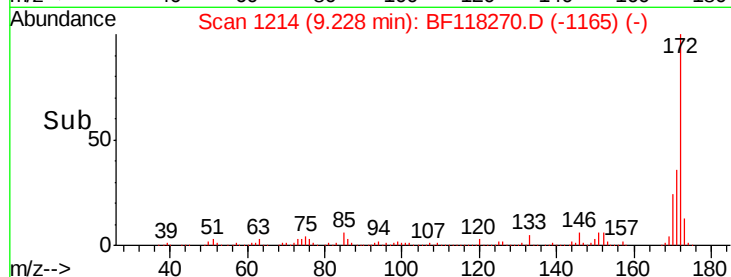
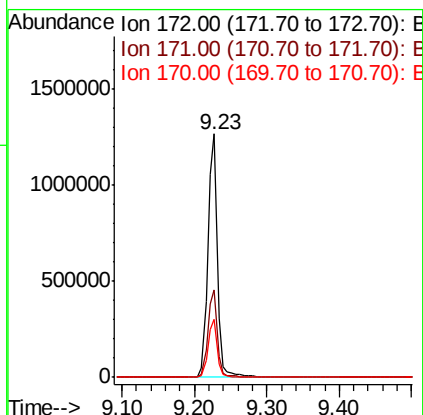
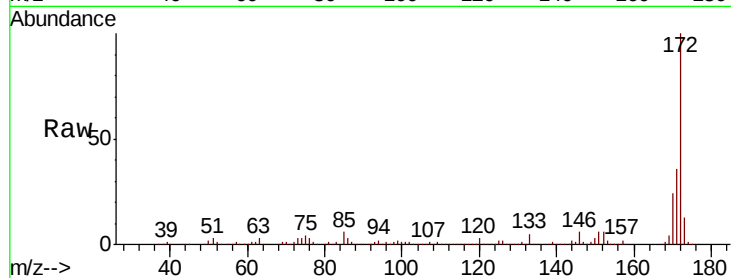




#45
2-Fluorobiphenyl
Concen: 89.220 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118270.D
Acq: 18 Dec 2019 20:30

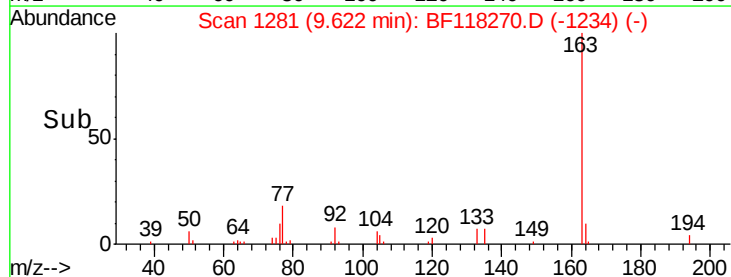
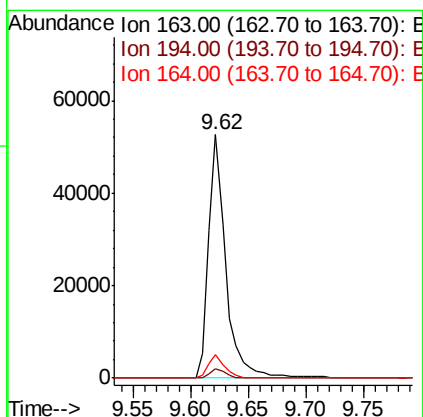
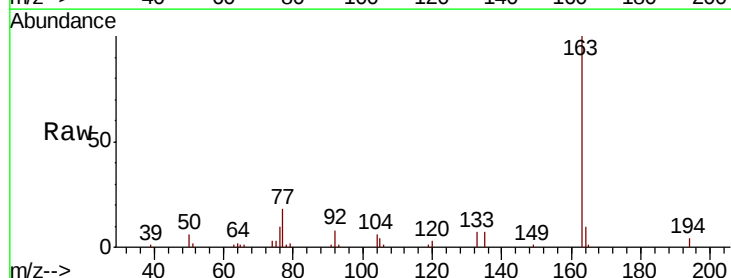
Instrument :
BNA_F
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PF-02

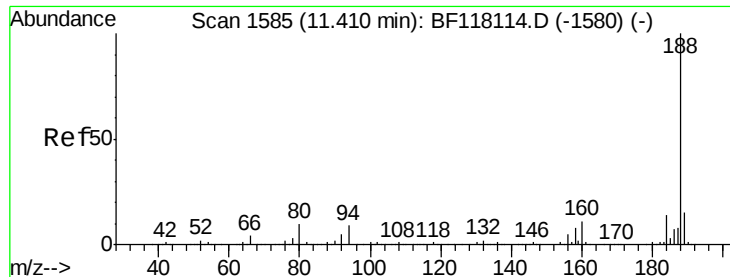
Tot Ion:172 Resp: 1155851
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 24.0 19.4 29.2



#50
Dimethylphthalate
Concen: 3.771 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118270.D
Acq: 18 Dec 2019 20:30

Tgt Ion:163 Resp: 54906
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.7 7.7 11.5

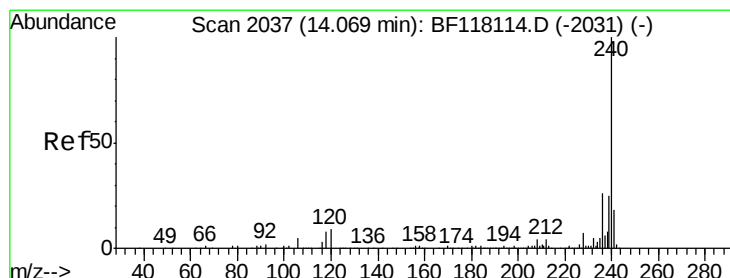
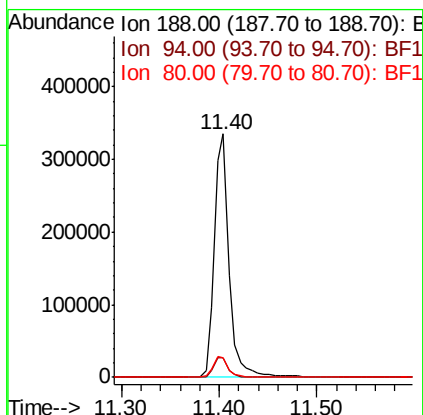
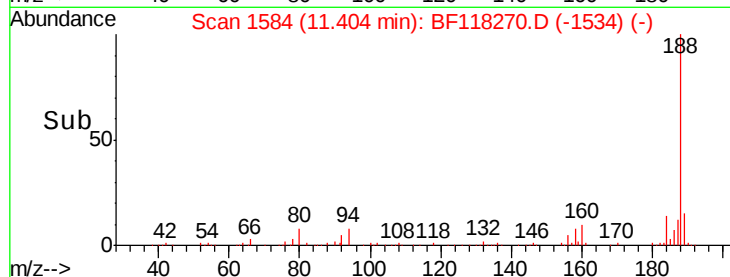
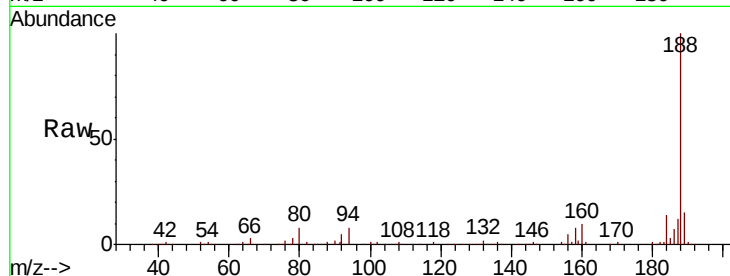




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118270.D
Acq: 18 Dec 2019 20:30

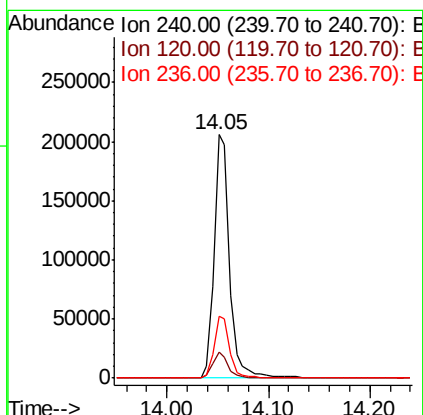
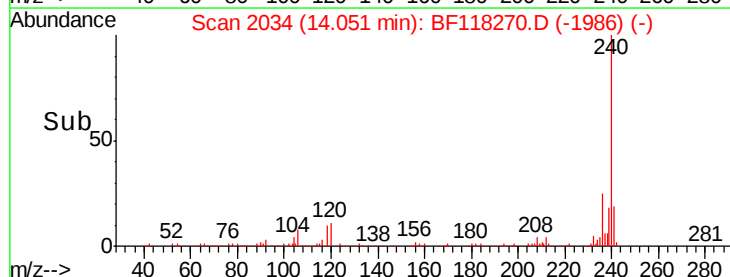
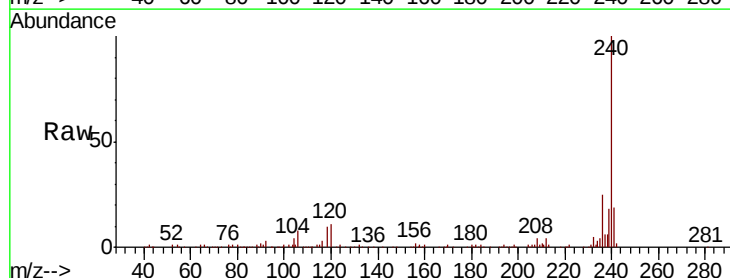
Instrument :
BNA_F
ClientSampled :
PF-02

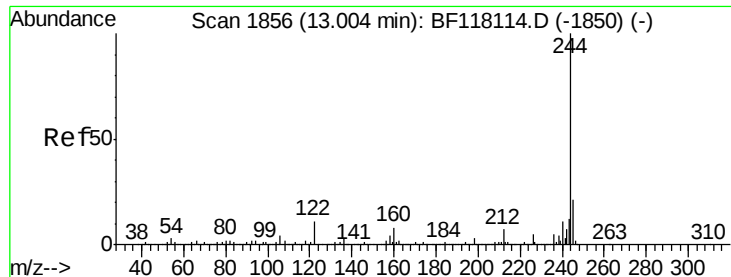
Tot Ion:188 Resp: 351643
Ion Ratio Lower Upper
188 100
94 8.0 7.1 10.7
80 7.9 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF118270.D
Acq: 18 Dec 2019 20:30

Tgt Ion:240 Resp: 217139
Ion Ratio Lower Upper
240 100
120 10.7 7.1 10.7#
236 25.3 21.0 31.6





#79

Terphenyl-d14

Concen: 94.954 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118270.D

Acq: 18 Dec 2019 20:30

Instrument :

BNA_F

ClientSampleId :

PF-02

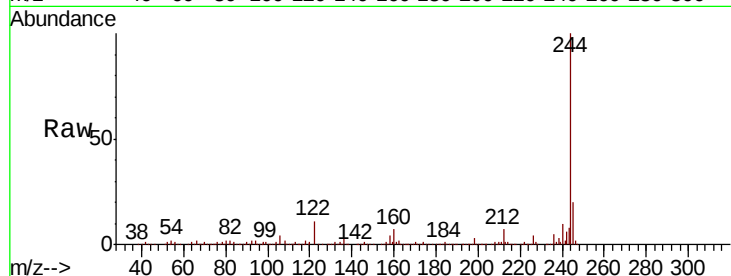
Tot Ion:244 Resp: 1198990

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

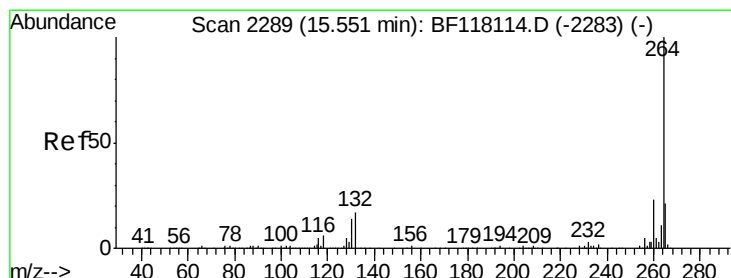
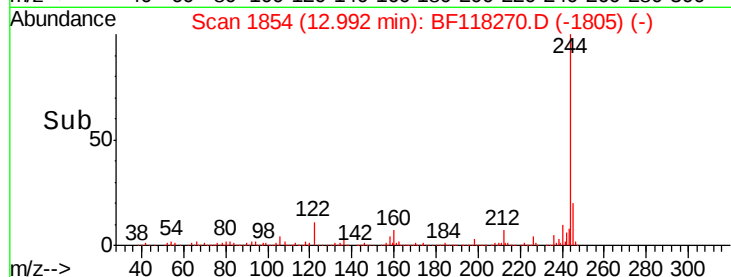
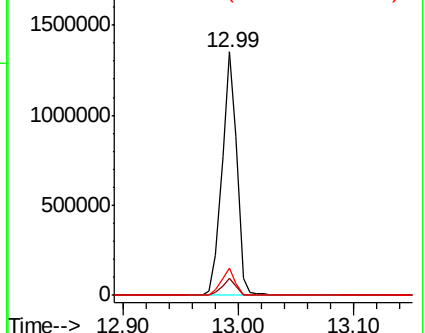
122 11.3 9.0 13.6



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: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118270.D

Acq: 18 Dec 2019 20:30

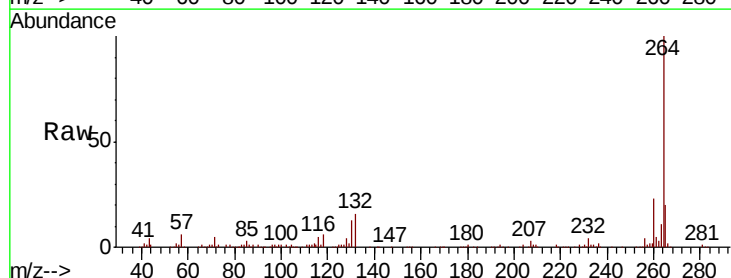
Tgt Ion:264 Resp: 227176

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 20.2 16.8 25.2



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

