

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120018.D
 Acq On : 16 Apr 2020 3:19
 Operator : MA/SJ
 Sample : L2260-03
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OB-722

Quant Time: Apr 16 05:29:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

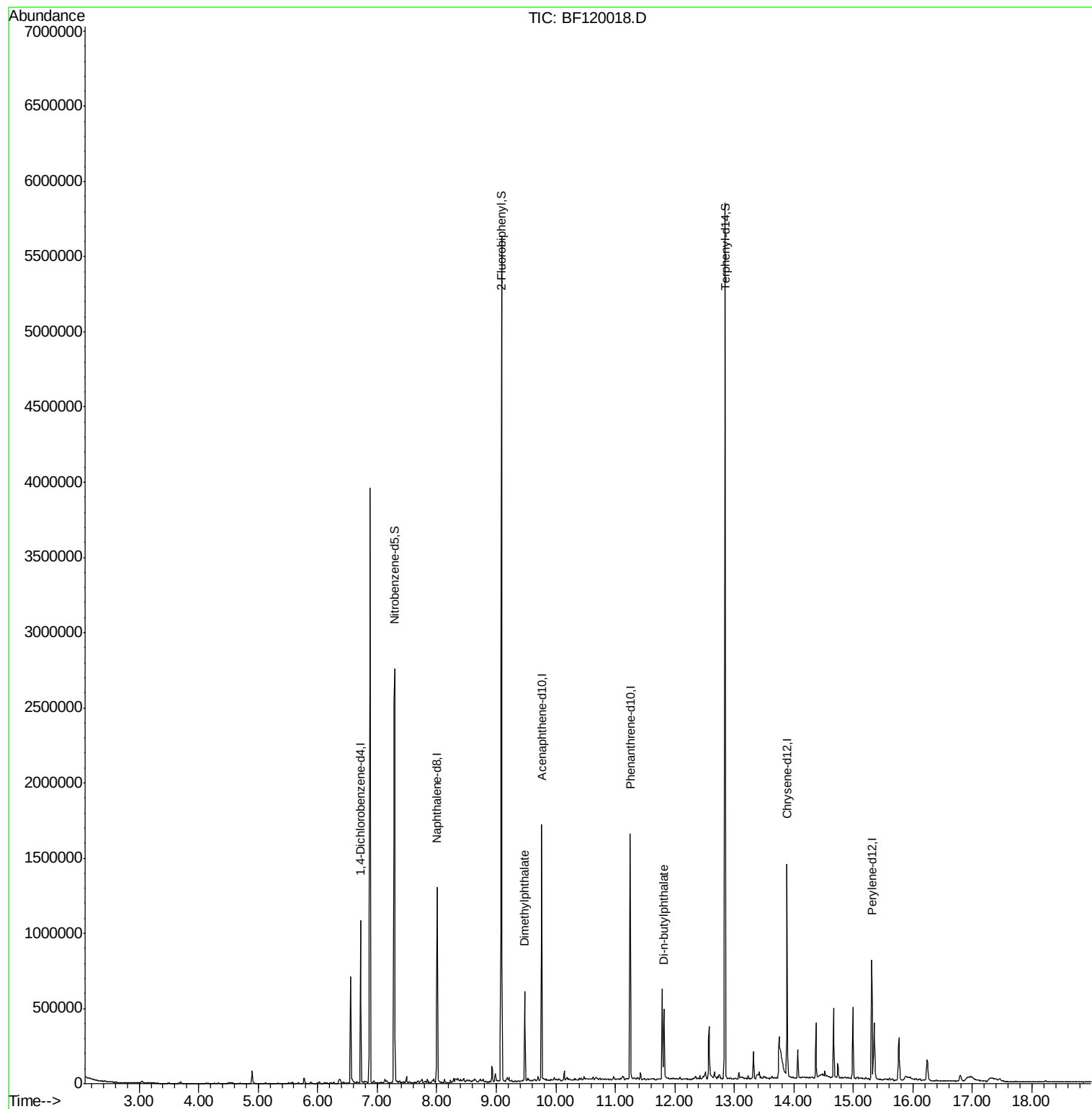
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144283	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	570949	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	313066	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	615304	20.00	ng	0.00
76) Chrysene-d12	13.89	240	443756	20.00	ng	-0.01
87) Perylene-d12	15.31	264	341978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1281	0.15	ng	0.00
7) Phenol-d6	6.36	99	4249	0.39	ng	-0.01
23) Nitrobenzene-d5	7.29	82	954886	86.52	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	740	0.19	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1877180	85.13	ng	0.00
79) Terphenyl-d14	12.84	244	2189888	83.04	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	213848	8.831	ng	99
74) Di-n-butylphthalate	11.82	149	210567	5.063	ng	99

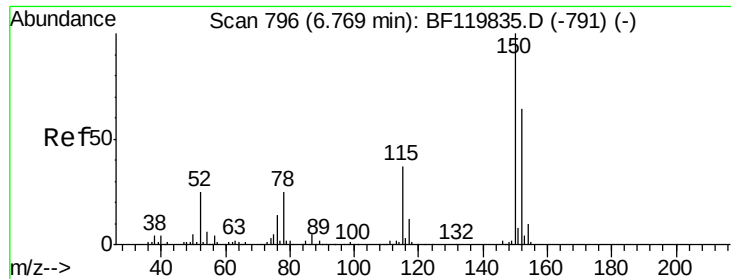
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF120018.D

Acq: 16 Apr 2020 3:19

Instrument :

BNA_F

ClientSampleId :

OB-722

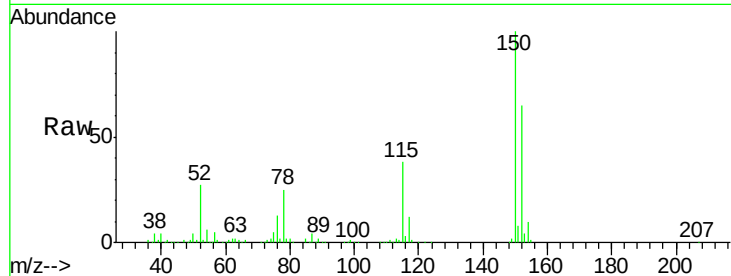
Tot Ion:152 Resp: 144283

Ion Ratio Lower Upper

152 100

150 153.1 124.8 187.2

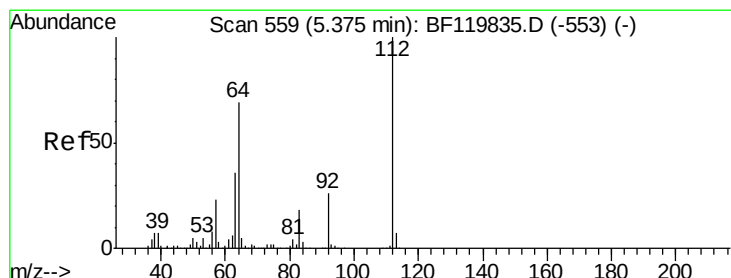
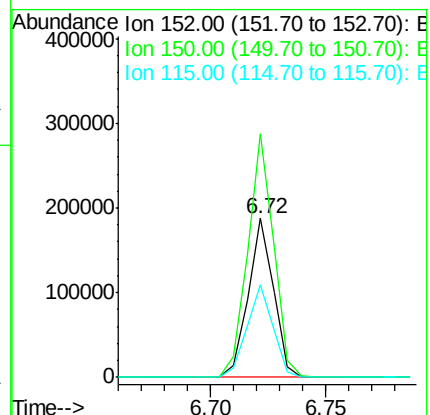
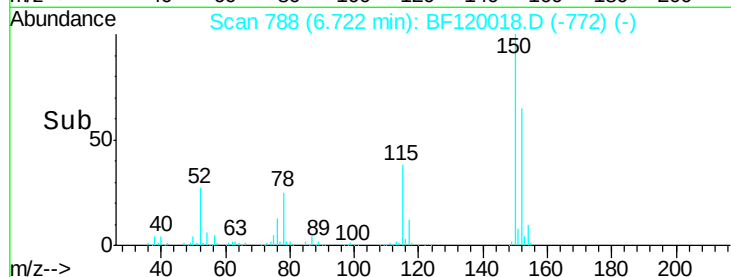
115 58.2 46.5 69.7



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: 0.153 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF120018.D

Acq: 16 Apr 2020 3:19

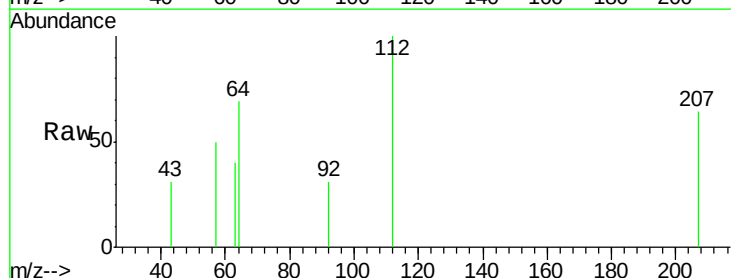
Tgt Ion:112 Resp: 1281

Ion Ratio Lower Upper

112 100

64 69.1 55.5 83.3

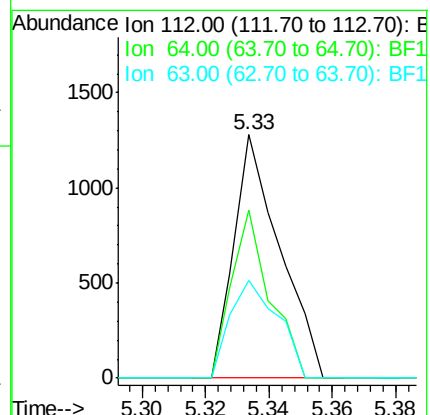
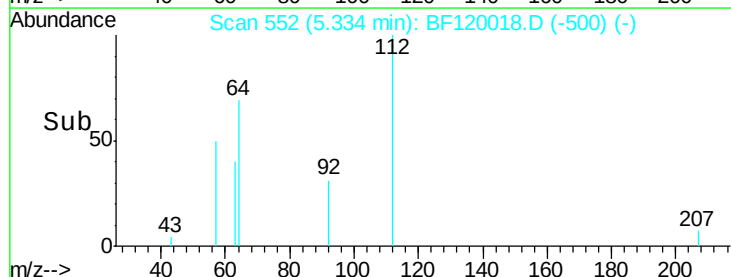
63 40.2 29.1 43.7

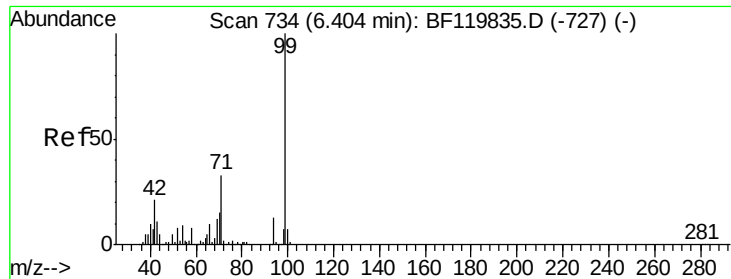


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 0.395 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120018.D

Acq: 16 Apr 2020 3:19

Instrument :

BNA_F

ClientSampleId :

OB-722

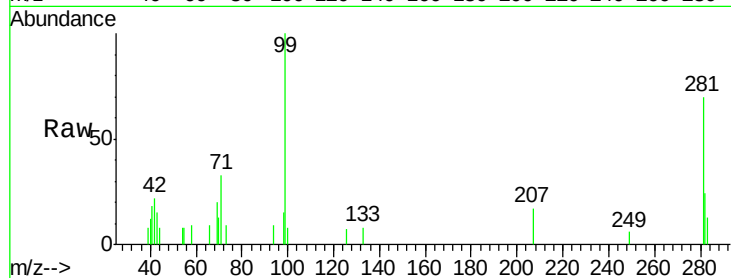
Tot Ion: 99 Resp: 4249

Ion Ratio Lower Upper

99 100

42 21.7 16.9 25.3

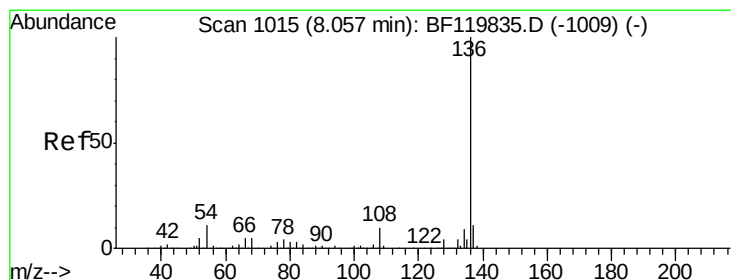
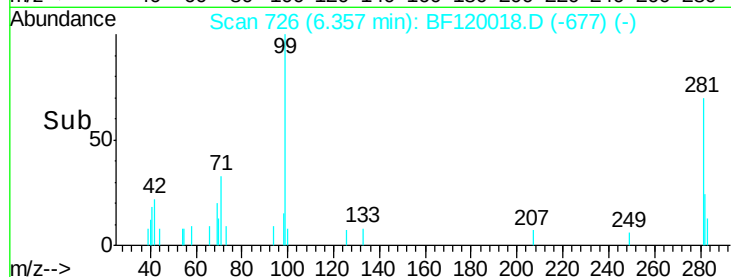
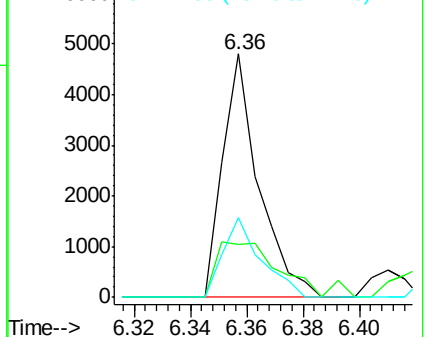
71 32.8 26.3 39.5



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF120018.D

Acq: 16 Apr 2020 3:19

Tgt Ion: 136 Resp: 570949

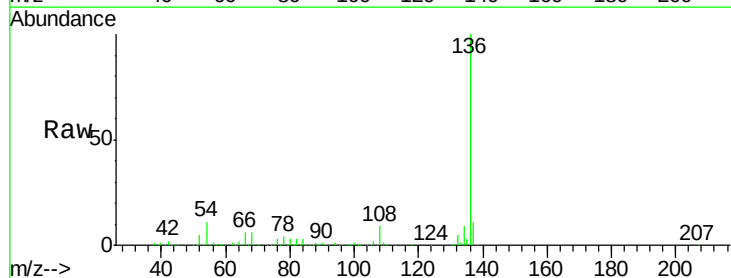
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.8 8.5 12.7

68 5.7 3.9 5.9

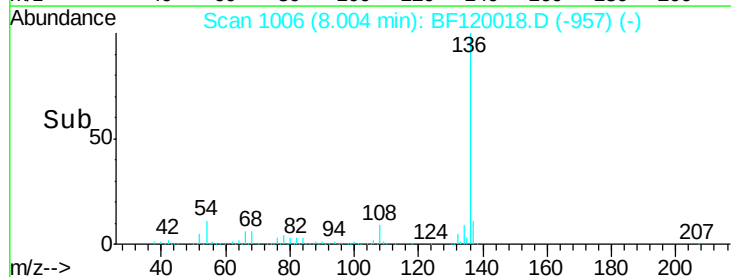
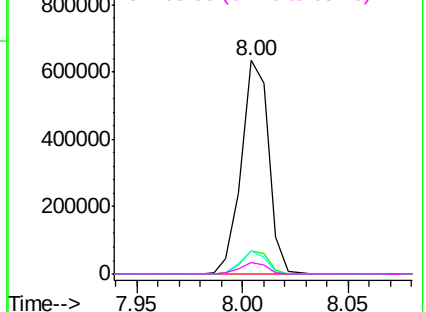


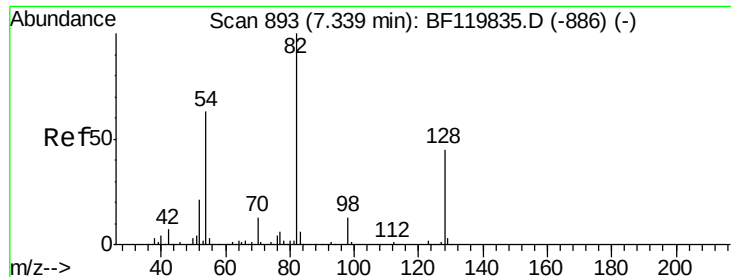
Abundance Ion 136.00 (135.70 to 136.70): E

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

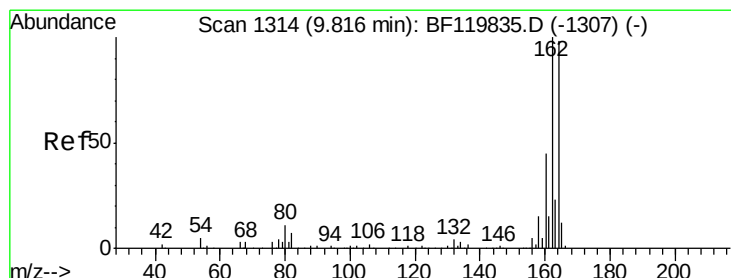
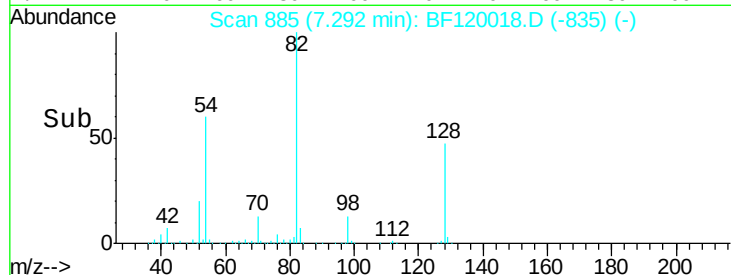
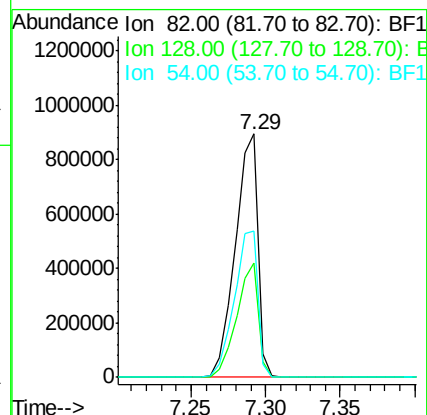
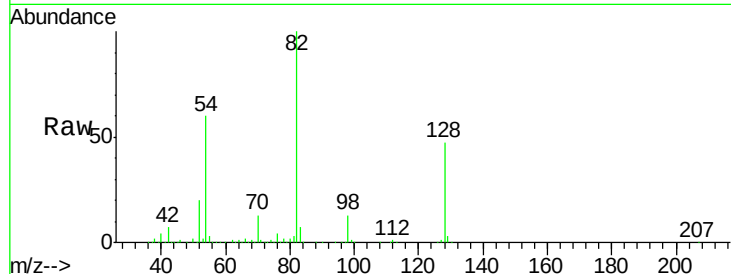




#23
Nitrobenzene-d5
Concen: 86.522 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120018.D
Acq: 16 Apr 2020 3:19

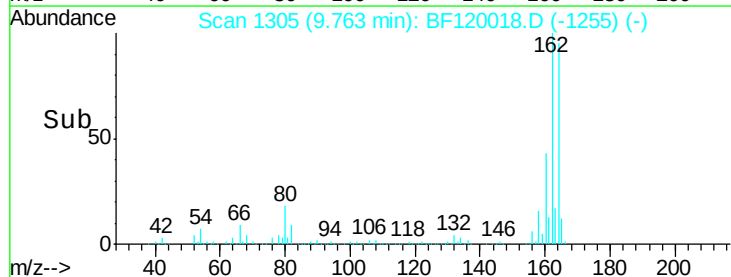
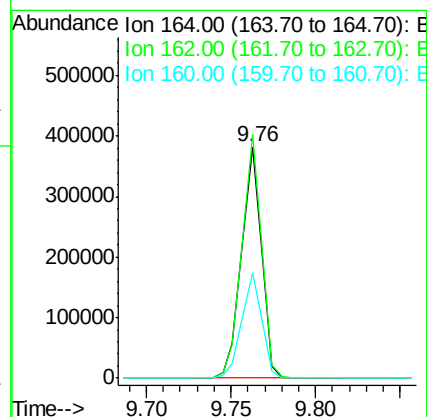
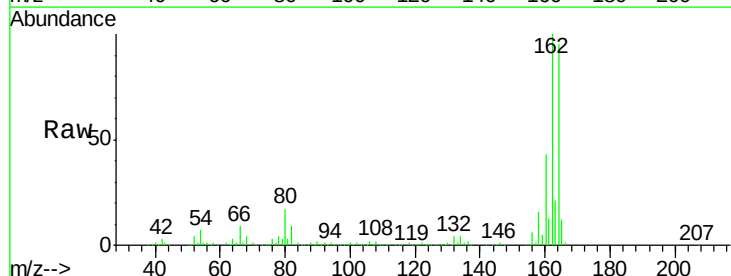
Instrument :
BNA_F
ClientSampled :
OB-722

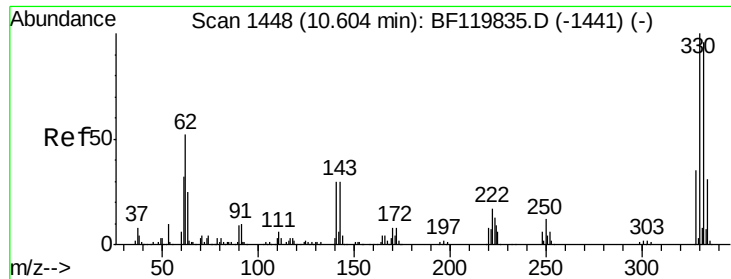
Tot Ion	82	Resp	954886
Ion Ratio	100	Lower	Upper
128	47.0	36.2	54.4
54	59.9	50.4	75.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF120018.D
Acq: 16 Apr 2020 3:19

Tgt Ion	164	Resp	313066
Ion Ratio	100	Lower	Upper
162	105.3	81.9	122.9
160	45.6	36.6	54.8

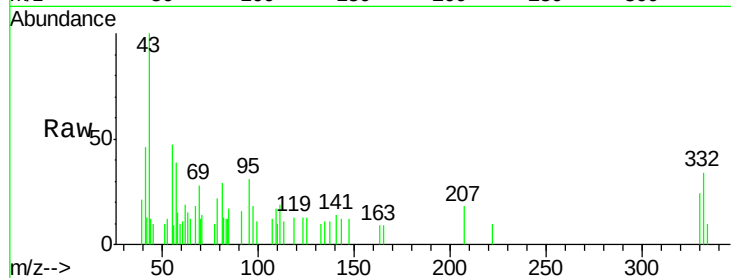




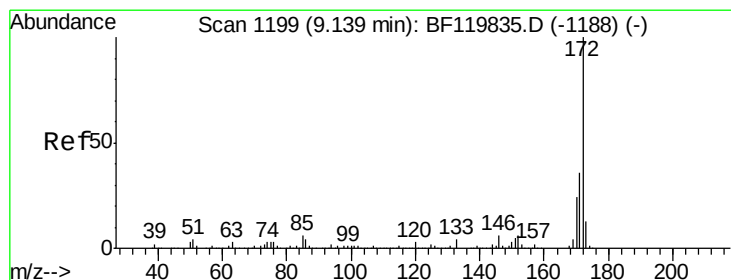
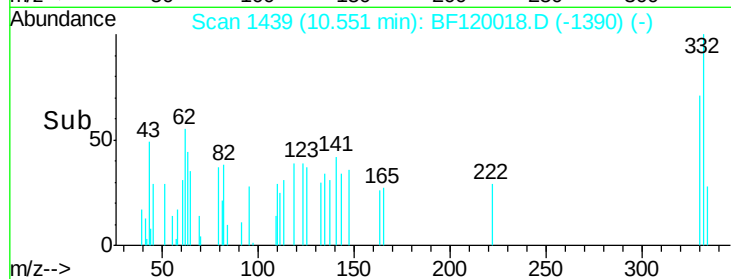
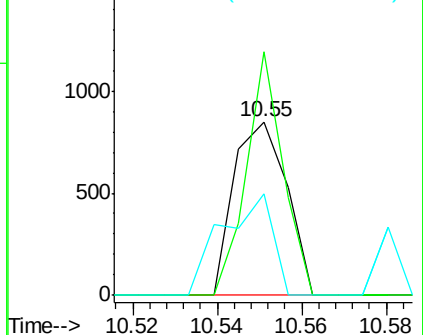
#42
 2,4,6-Tribromophenol
 Concen: 0.193 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF120018.D
 Acq: 16 Apr 2020 3:19

Instrument :
 BNA_F
 ClientSampleId :
 OB-722

Tot Ion:330 Resp: 740
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.8 115.2
 141 55.9 25.1 37.7#

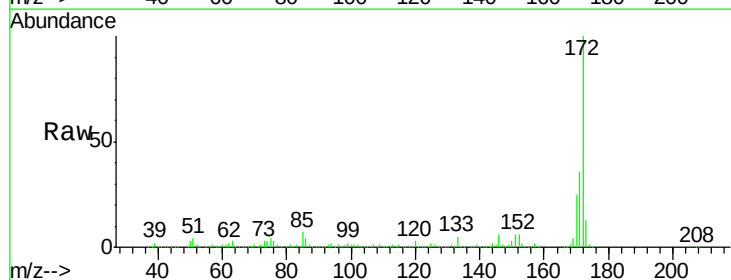


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

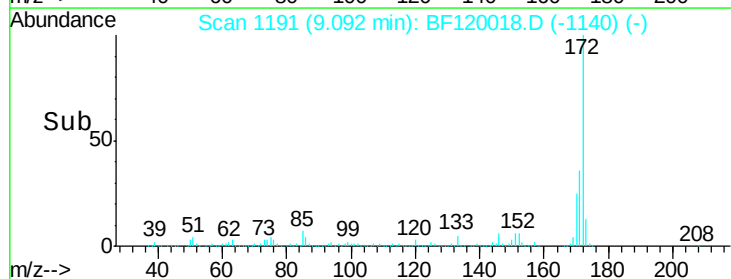
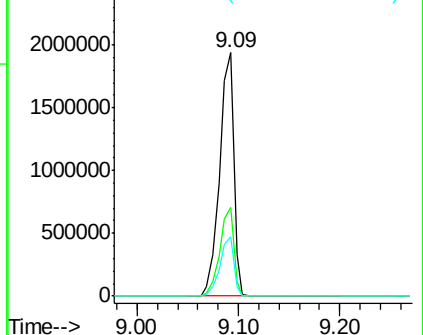


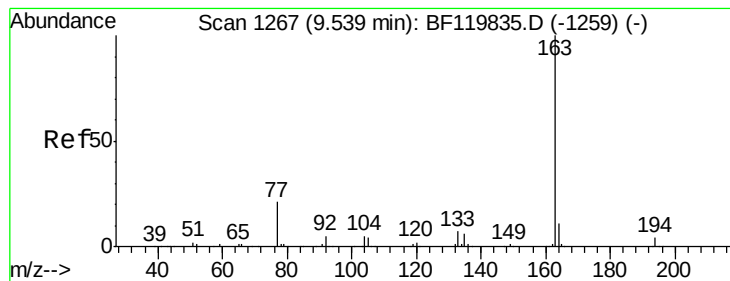
#45
 2-Fluorobiphenyl
 Concen: 85.132 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120018.D
 Acq: 16 Apr 2020 3:19

Tgt Ion:172 Resp: 1877180
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.6 19.4 29.2



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: 8.831 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF120018.D

Acq: 16 Apr 2020 3:19

Instrument :

BNA_F

ClientSampleId :

OB-722

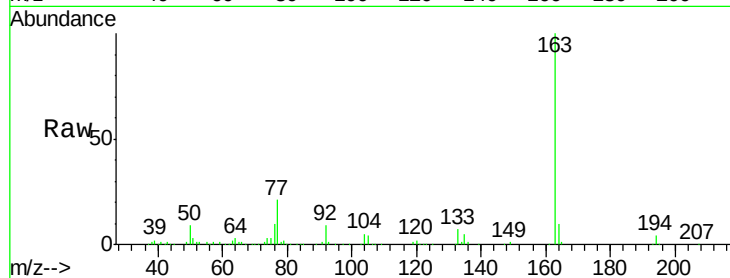
Tot Ion:163 Resp: 213848

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

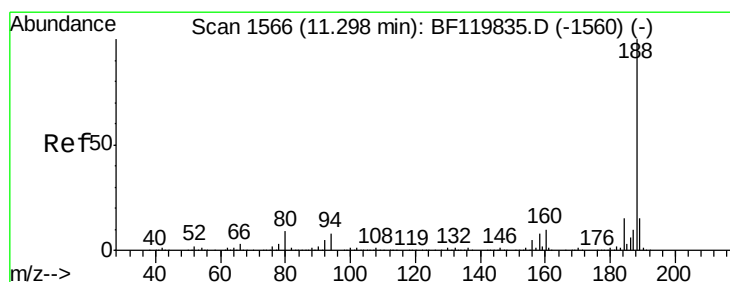
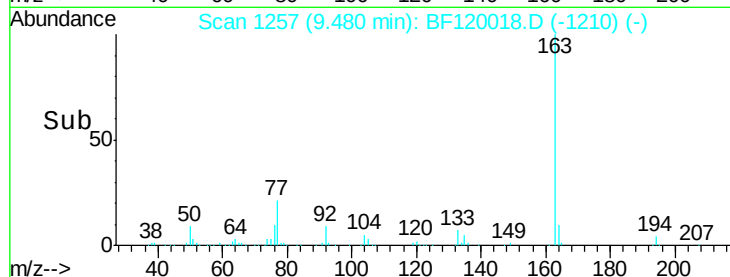
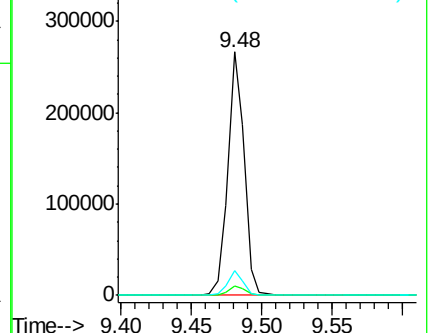
164 10.1 8.4 12.6



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: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF120018.D

Acq: 16 Apr 2020 3:19

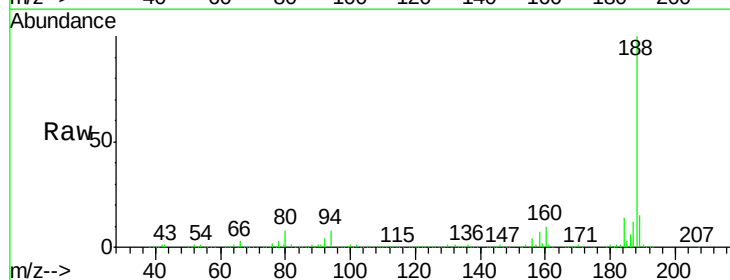
Tgt Ion:188 Resp: 615304

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

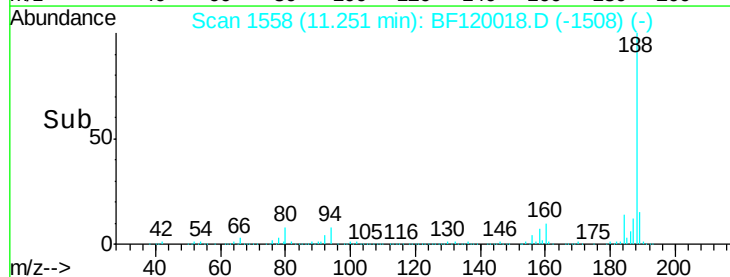
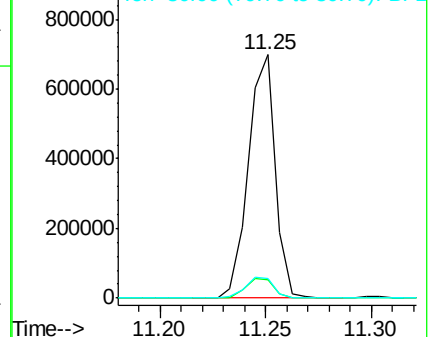
80 8.3 7.4 11.2

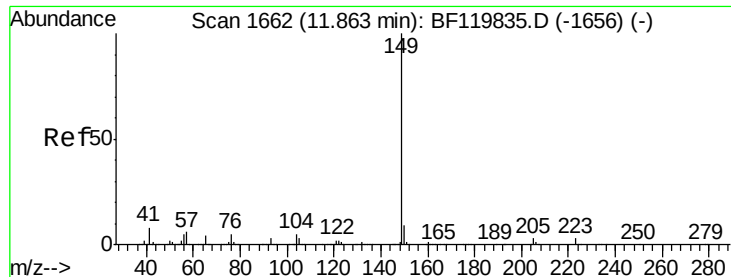


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

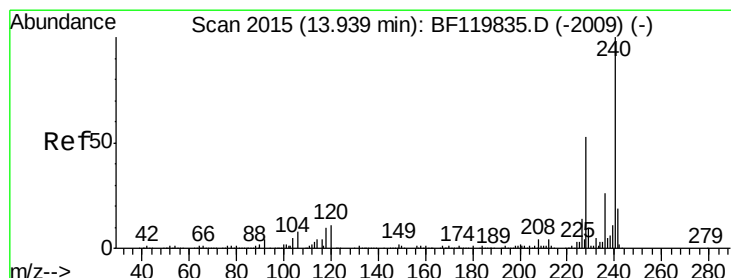
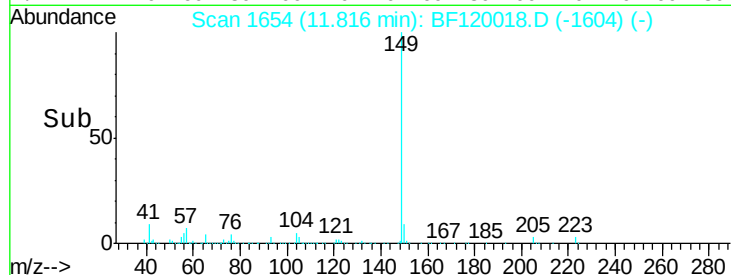
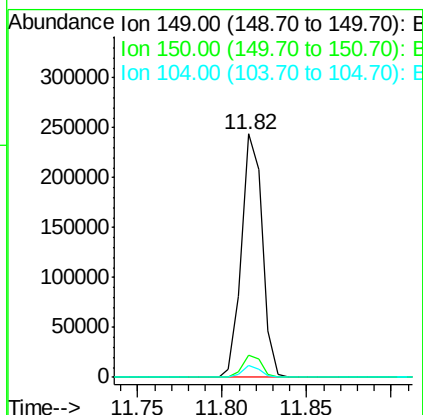
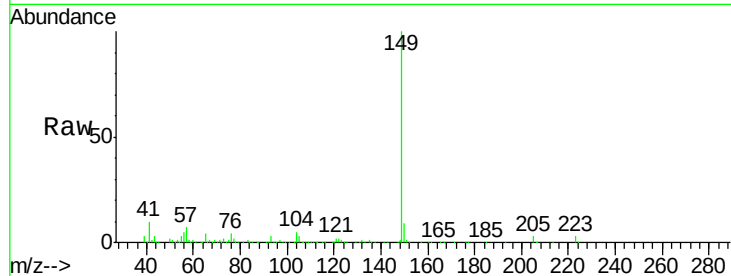




#74
Di-n-butylphthalate
Concen: 5.063 ng
RT: 11.82 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BF120018.D
Acq: 16 Apr 2020 3:19

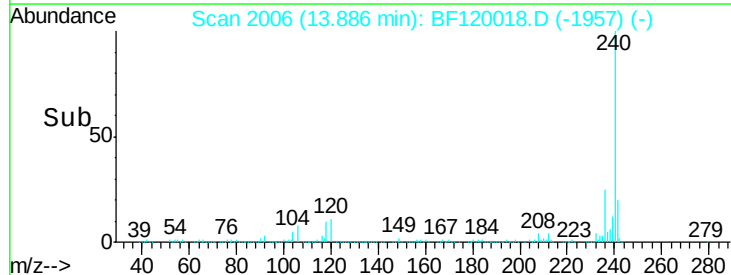
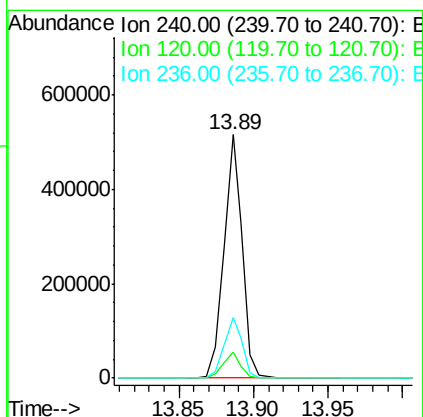
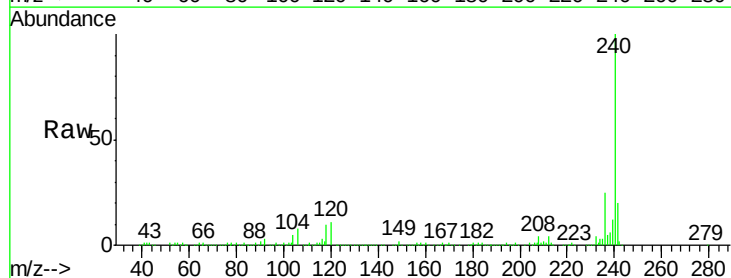
Instrument :
BNA_F
ClientSampleId :
OB-722

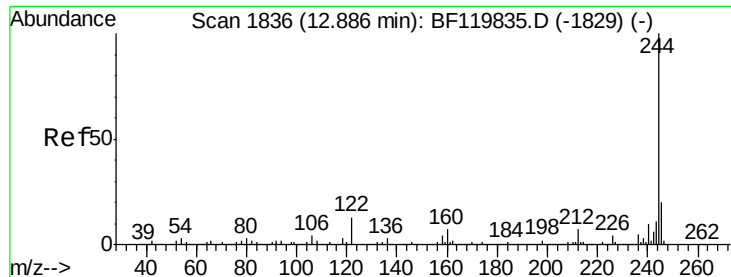
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.6	11.4
104	4.7	3.8	5.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF120018.D
Acq: 16 Apr 2020 3:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.0	13.6
236	25.1	20.7	31.1





#79

Terphenyl-d14

Concen: 83.037 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF120018.D

Acq: 16 Apr 2020 3:19

Instrument :

BNA_F

ClientSampled :

OB-722

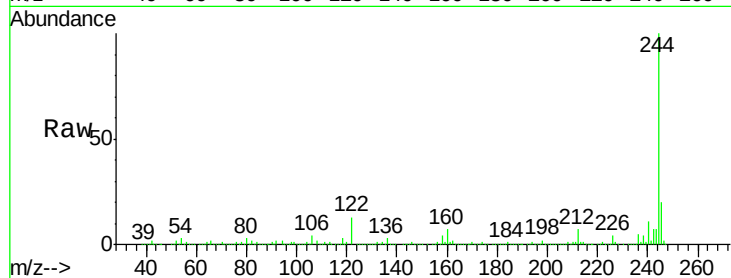
Tot Ion:244 Resp: 2189888

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

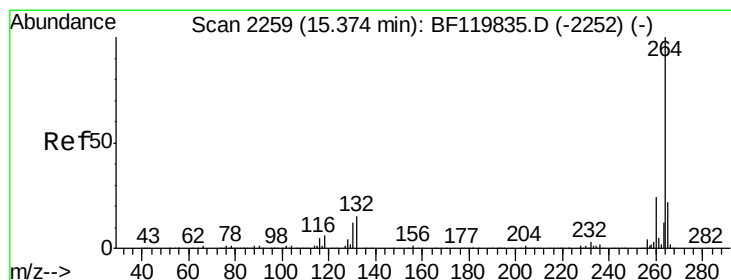
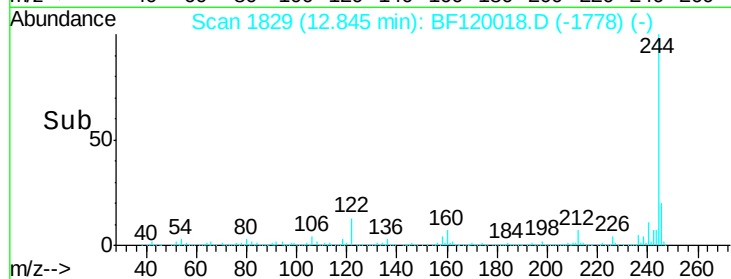
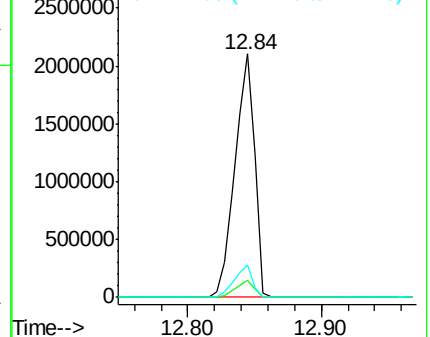
122 13.1 10.3 15.5



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: 15.31 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BF120018.D

Acq: 16 Apr 2020 3:19

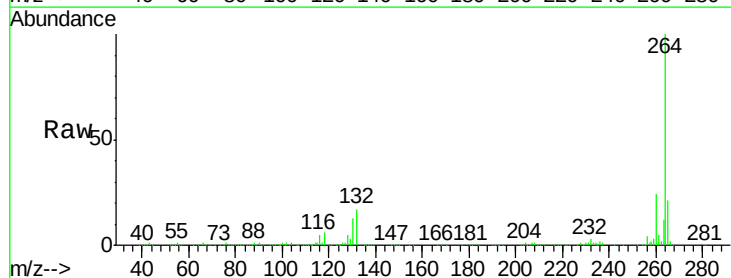
Tgt Ion:264 Resp: 341978

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 20.9 17.6 26.4



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

