

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
 Data File : BF120329.D
 Acq On : 15 May 2020 18:47
 Operator : MA/SJ
 Sample : L2646-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-S

Quant Time: May 16 04:13:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 12:31:31 2020
 Response via : Initial Calibration

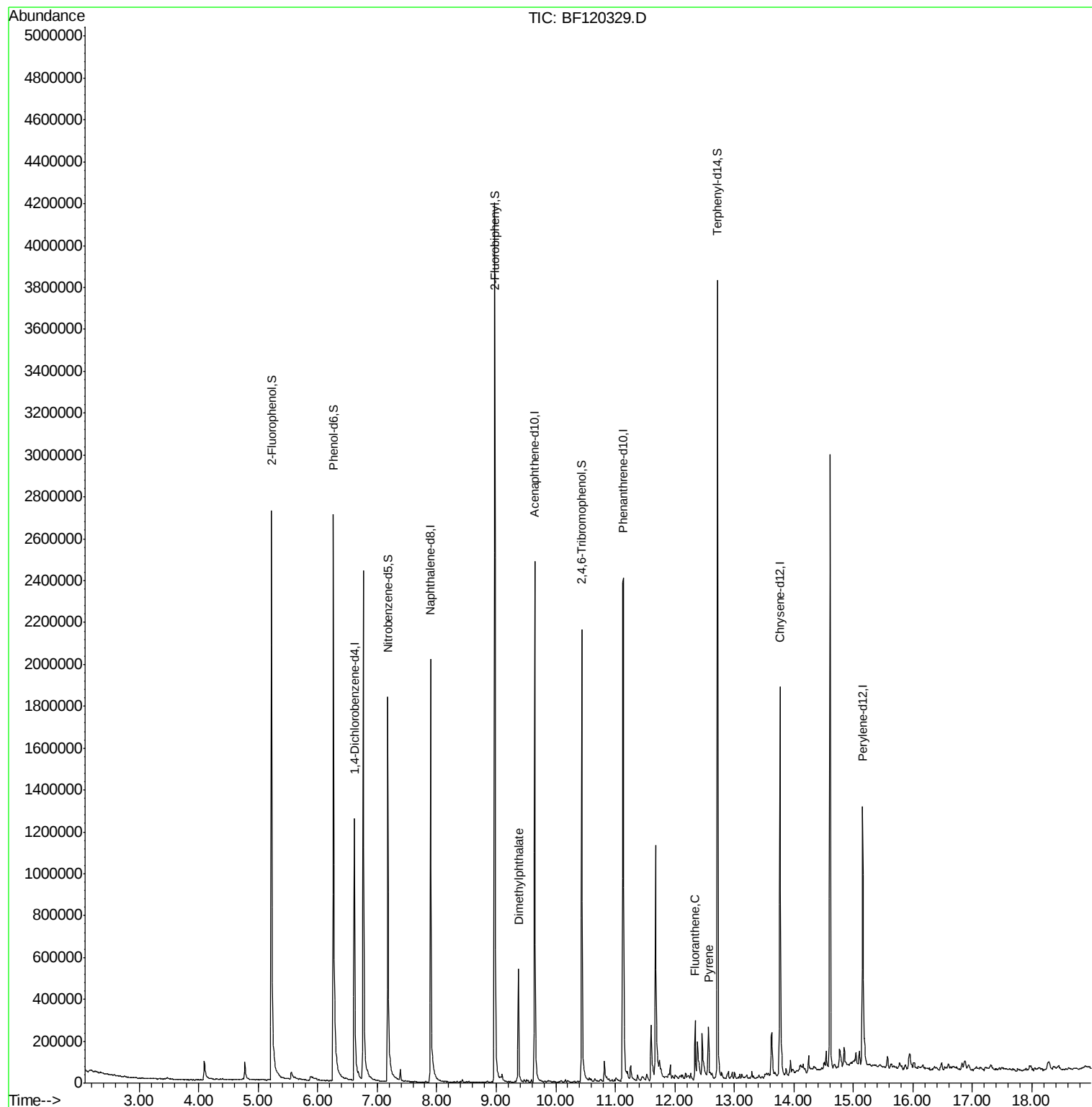
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	287071	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1177428	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	580908	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	1121735	20.00	ng	0.00
76) Chrysene-d12	13.77	240	723319	20.00	ng	0.00
87) Perylene-d12	15.16	264	561109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	983259	66.64	ng	0.00
7) Phenol-d6	6.26	99	1273452	68.25	ng	-0.01
23) Nitrobenzene-d5	7.18	82	767299	44.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.44	330	313005	66.08	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	1482896	52.44	ng	0.00
79) Terphenyl-d14	12.72	244	1474127	45.02	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.37	163	261012	7.108	ng	98
75) Fluoranthene	12.34	202	121539	2.406	ng	96
78) Pyrene	12.57	202	112814	2.188	ng	97

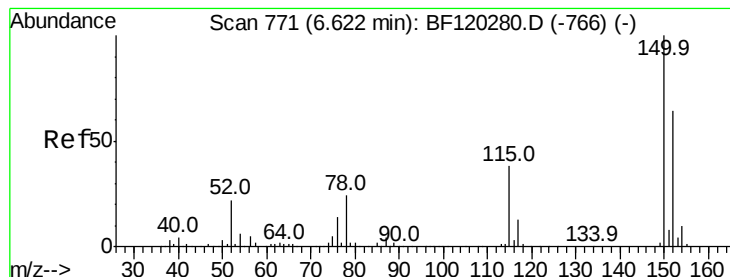
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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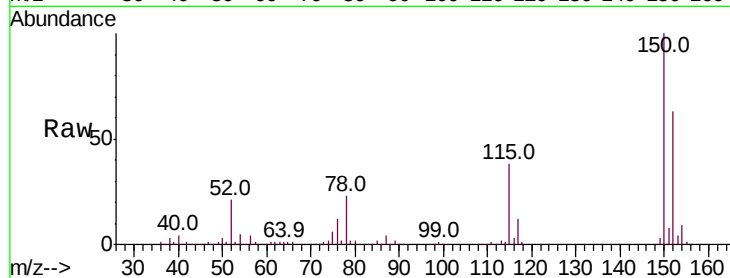


#1

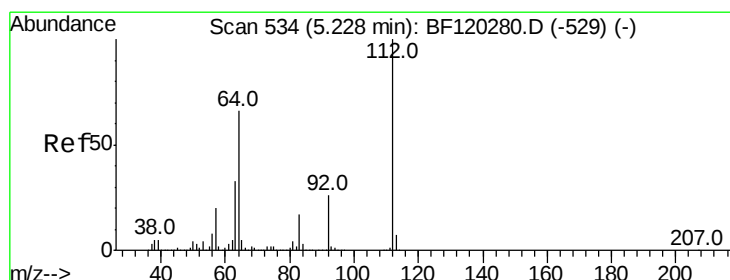
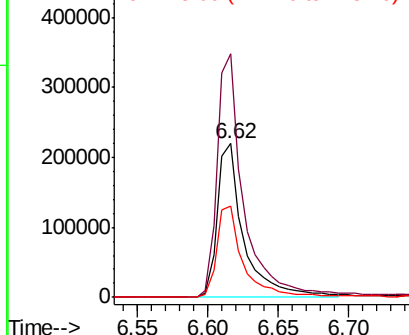
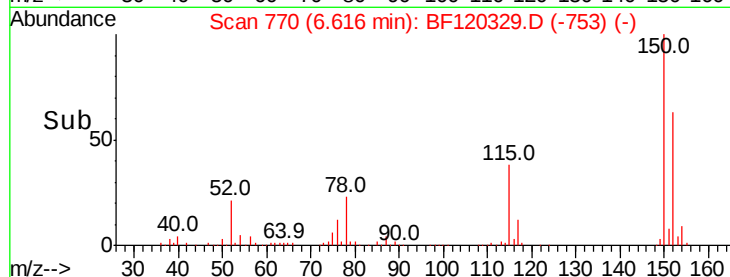
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF120329.D
 Acq: 15 May 2020 18:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-S

Tot Ion:152 Resp: 287071
 Ion Ratio Lower Upper
 152 100
 150 158.6 126.2 189.2
 115 59.8 47.9 71.9



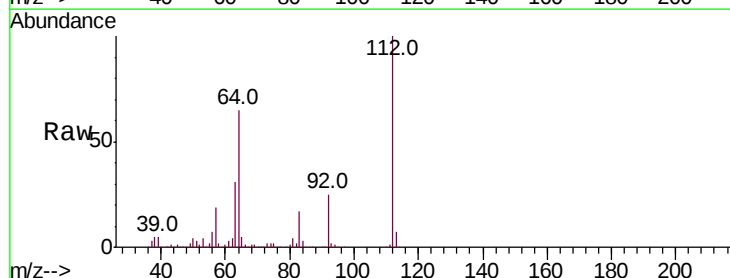
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



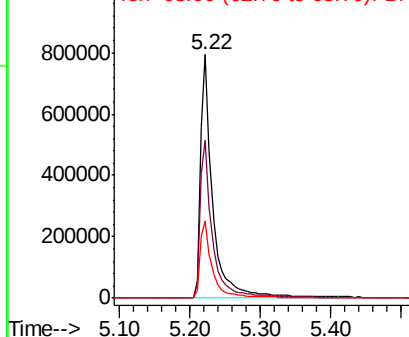
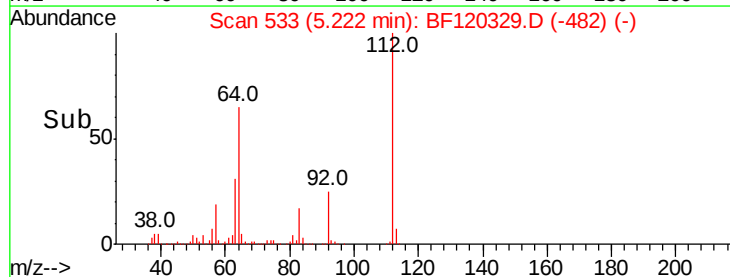
#5

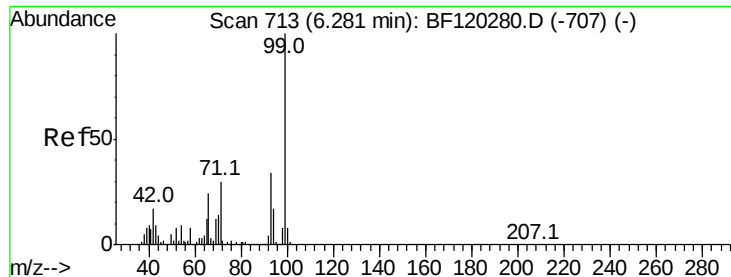
2-Fluorophenol
 Concen: 66.643 ng
 RT: 5.22 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: BF120329.D
 Acq: 15 May 2020 18:47

Tgt Ion:112 Resp: 983259
 Ion Ratio Lower Upper
 112 100
 64 64.7 52.7 79.1
 63 31.5 26.2 39.4



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: 68.253 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF120329.D

Acq: 15 May 2020 18:47

Instrument :

BNA_F

ClientSampleId :

TP-B-S

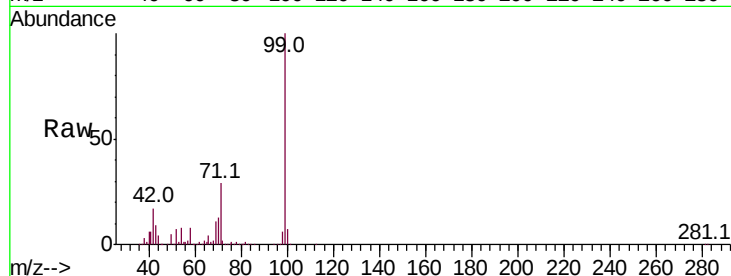
Tot Ion: 99 Resp: 1273452

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

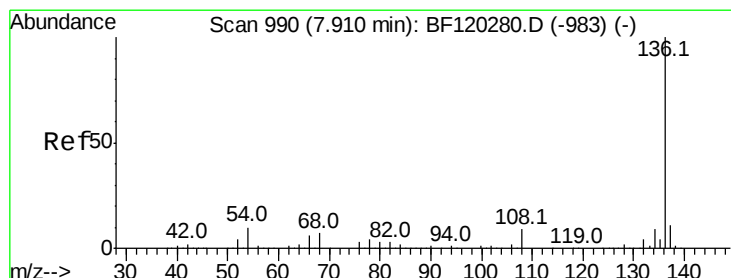
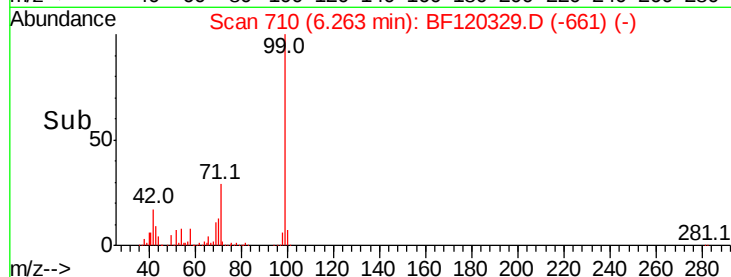
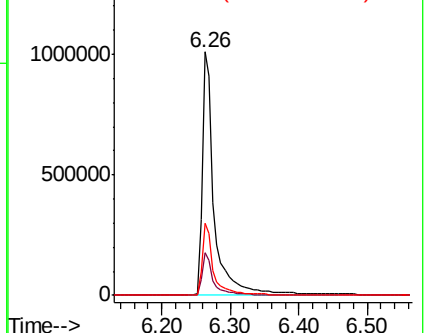
71 29.4 24.2 36.4



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: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF120329.D

Acq: 15 May 2020 18:47

Tgt Ion: 136 Resp: 1177428

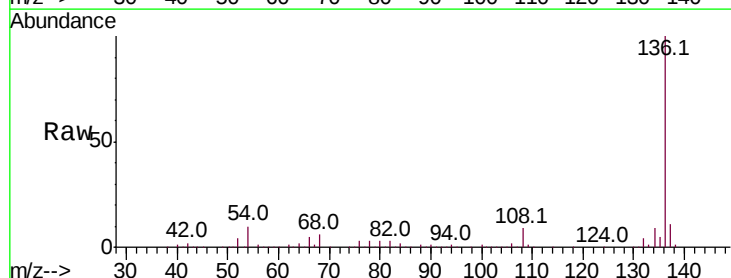
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 10.2 7.9 11.9

68 6.4 5.4 8.2

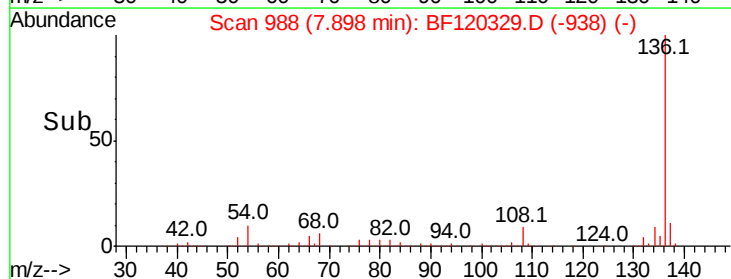
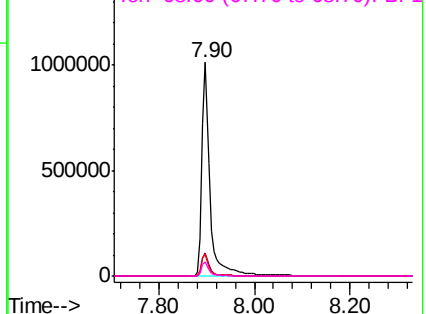


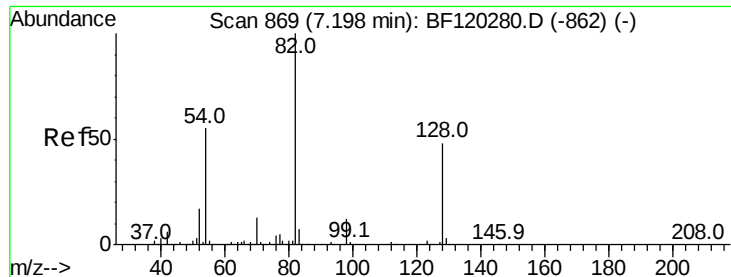
Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.618 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF120329.D

Acq: 15 May 2020 18:47

Instrument :

BNA_F

ClientSampleId :

TP-B-S

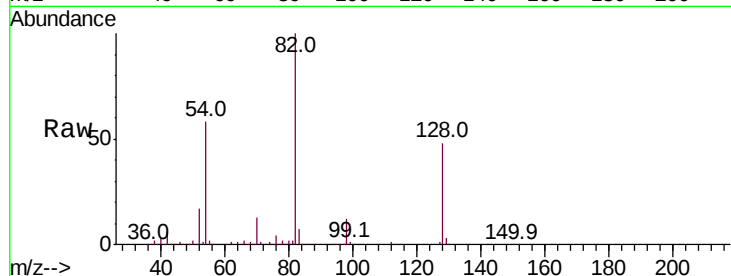
Tot Ion: 82 Resp: 767299

Ion Ratio Lower Upper

82 100

128 47.9 38.3 57.5

54 57.7 43.9 65.9

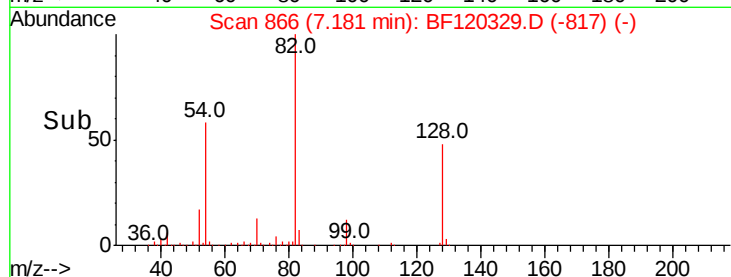


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Time--> 7.00 7.20 7.40



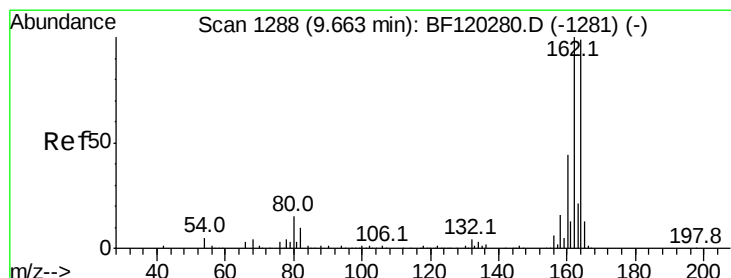
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Time--> 7.00 7.20 7.40



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF120329.D

Acq: 15 May 2020 18:47

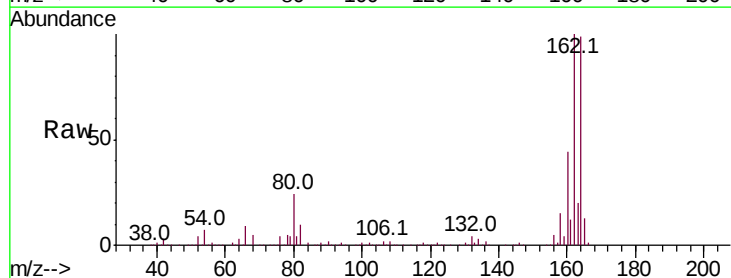
Tgt Ion:164 Resp: 580908

Ion Ratio Lower Upper

164 100

162 101.0 81.2 121.8

160 44.8 35.8 53.6

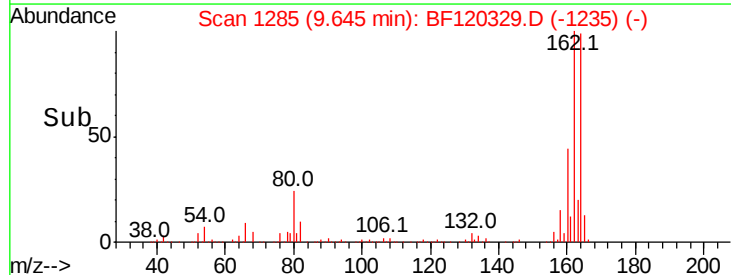


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

Time--> 9.60 9.70 9.80



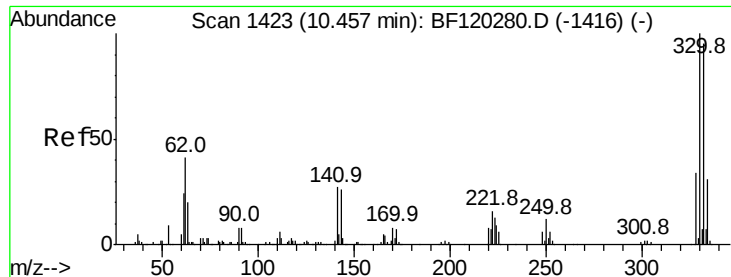
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

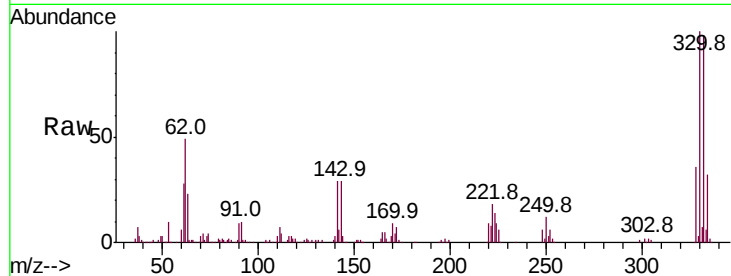
Time--> 9.60 9.70 9.80



#42
 2,4,6-Tribromophenol
 Concen: 66.085 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF120329.D
 Acq: 15 May 2020 18:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.5	114.7
141	33.5	25.4	38.0

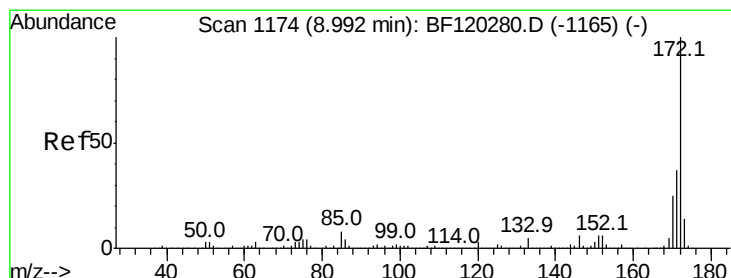
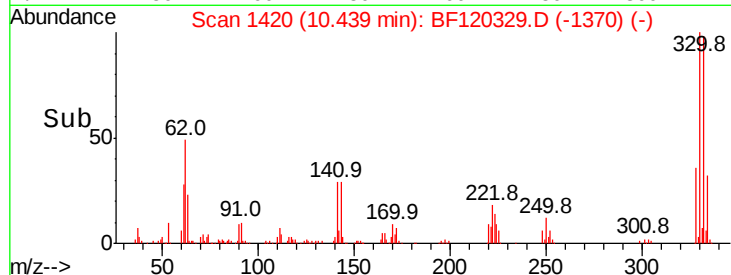
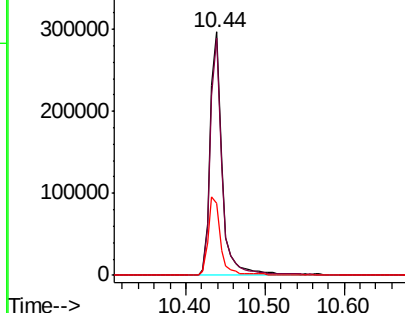


Abundance

Ion 329.80 (329.50 to 330.50): E

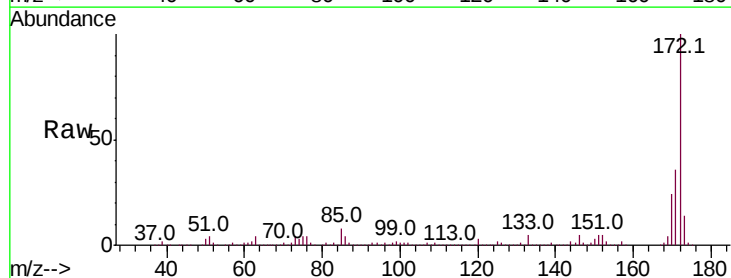
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 52.445 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF120329.D
 Acq: 15 May 2020 18:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.9	29.9

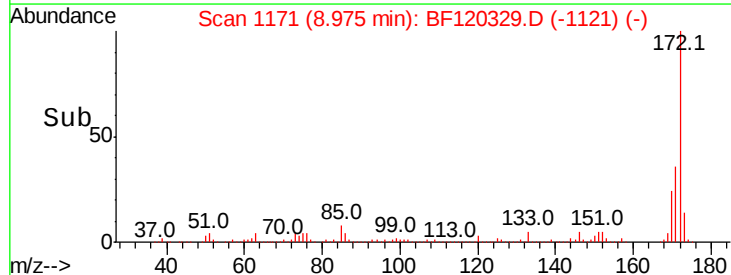
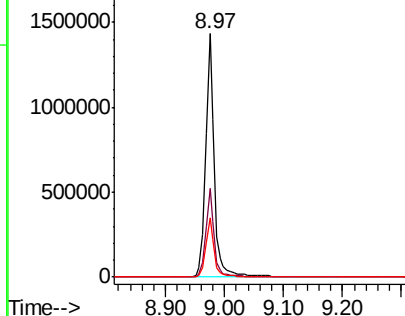


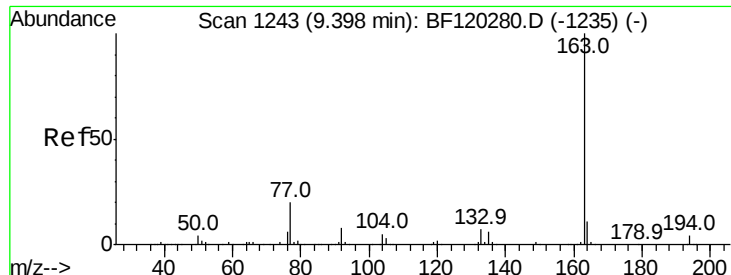
Abundance

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: 7.108 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF120329.D

Acq: 15 May 2020 18:47

Instrument :

BNA_F

ClientSampleId :

TP-B-S

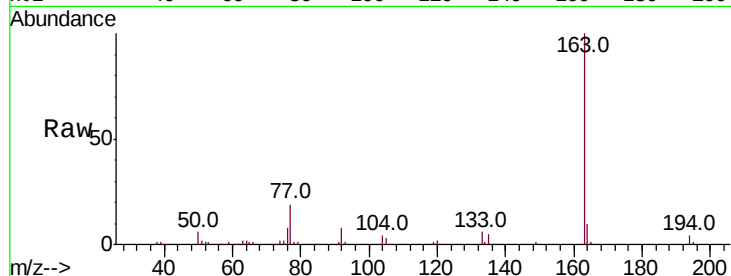
Tot Ion:163 Resp: 261012

Ion Ratio Lower Upper

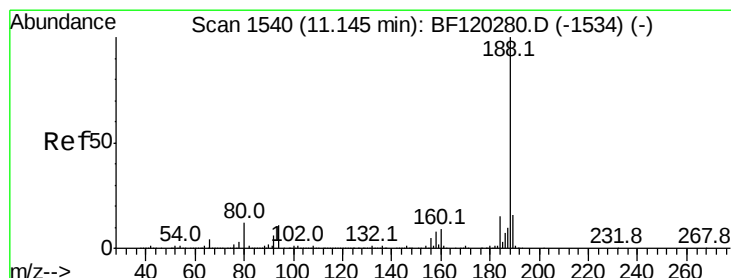
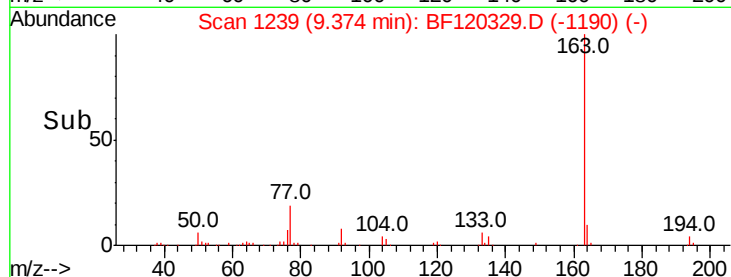
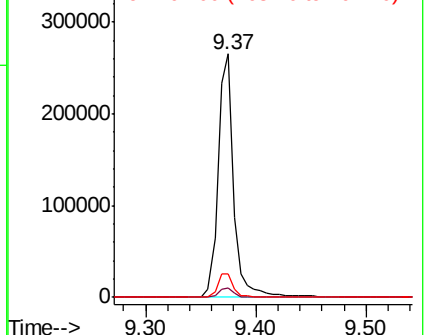
163 100

194 4.0 3.1 4.7

164 9.7 8.6 12.8



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: 11.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BF120329.D

Acq: 15 May 2020 18:47

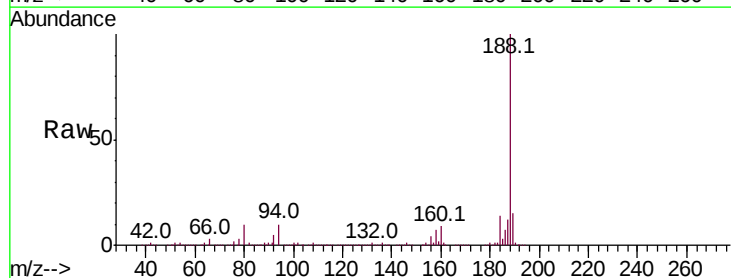
Tgt Ion:188 Resp: 1121735

Ion Ratio Lower Upper

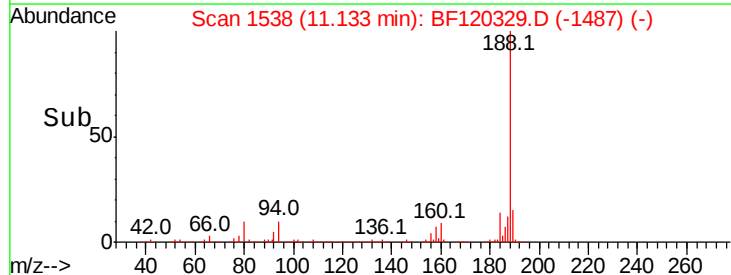
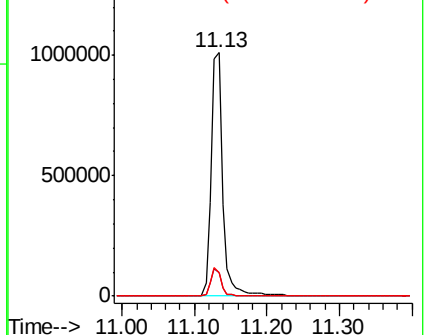
188 100

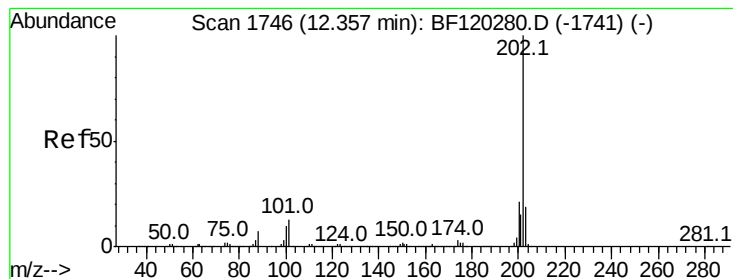
94 9.8 8.6 13.0

80 9.9 9.2 13.8



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





#75

Fluoranthene

Concen: 2.406 ng

RT: 12.34 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BF120329.D

Acq: 15 May 2020 18:47

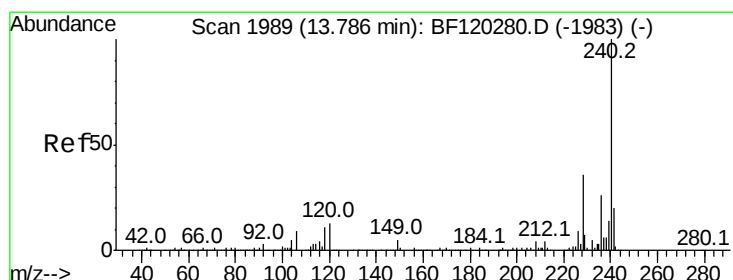
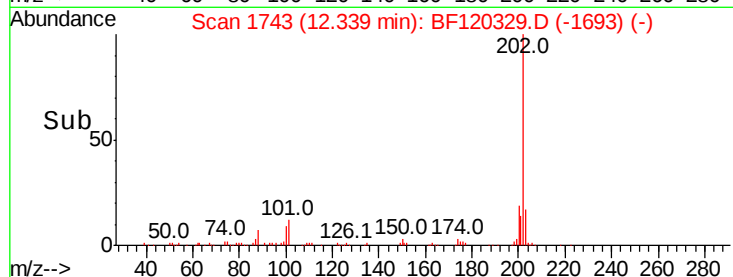
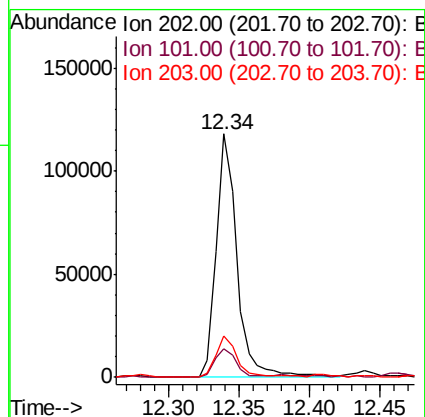
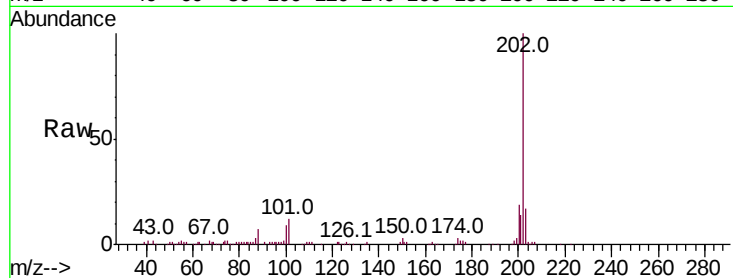
Instrument :

BNA_F

ClientSampleId :

TP-B-S

Tot Ion:	202	Resp:	121539
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.2
203	16.9	0.0	39.1



#76

Chrysene-d12

Concen: 20.000 ng

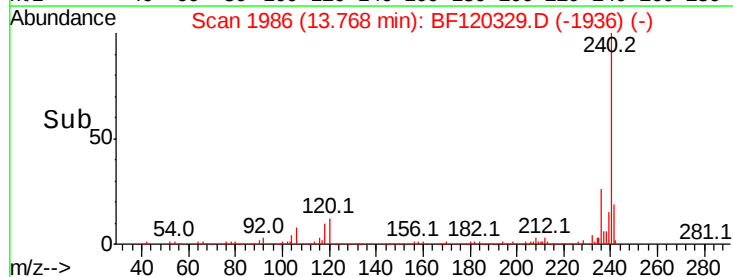
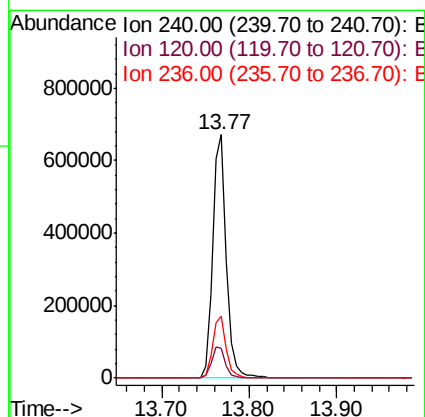
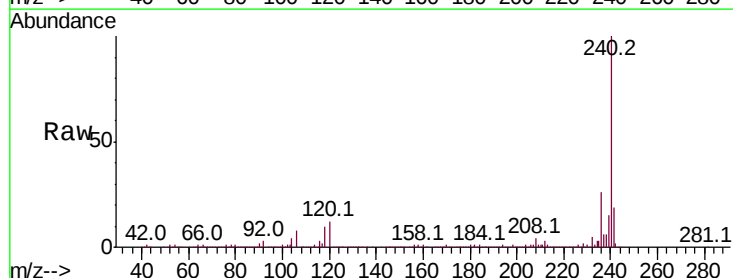
RT: 13.77 min Scan# 1986

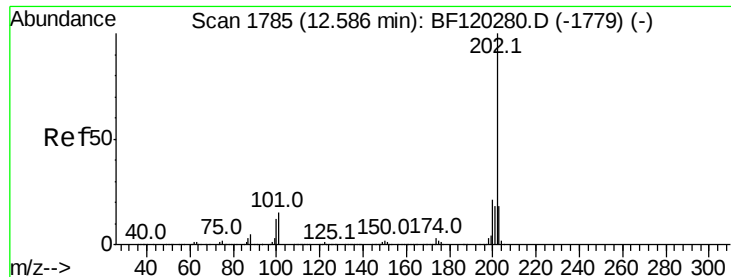
Delta R.T. -0.01 min

Lab File: BF120329.D

Acq: 15 May 2020 18:47

Tgt Ion:	240	Resp:	723319
Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.4	15.6
236	25.6	21.0	31.6





#78

Pvrene

Concen: 2.188 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF120329.D

Acq: 15 May 2020 18:47

Instrument :

BNA_F

ClientSampled :

TP-B-S

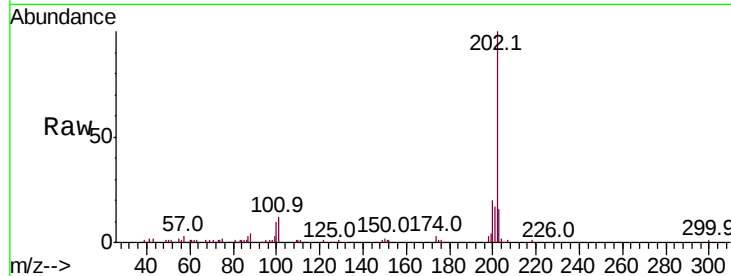
Tot Ion:202 Resp: 112814

Ion Ratio Lower Upper

202 100

200 19.9 16.6 25.0

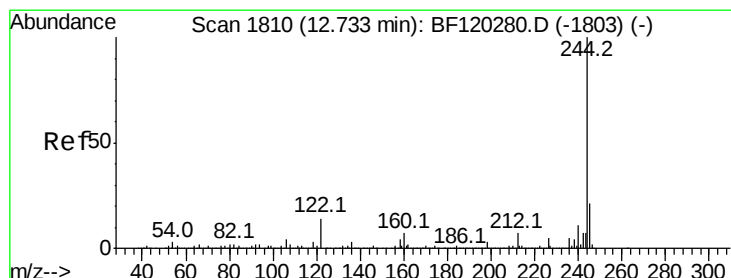
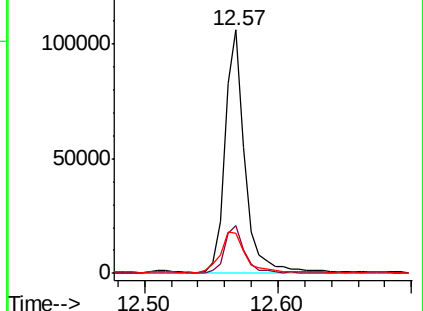
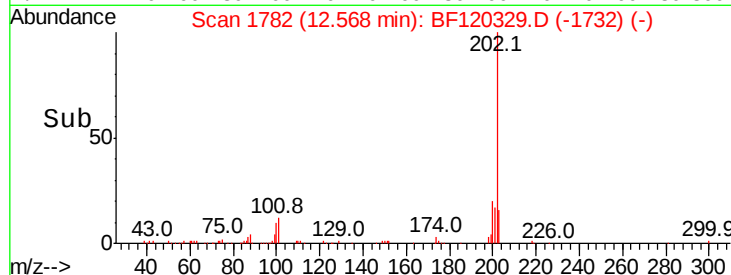
203 16.5 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 45.024 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF120329.D

Acq: 15 May 2020 18:47

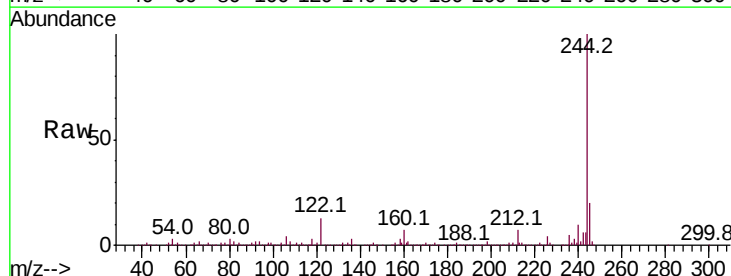
Tgt Ion:244 Resp: 1474127

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

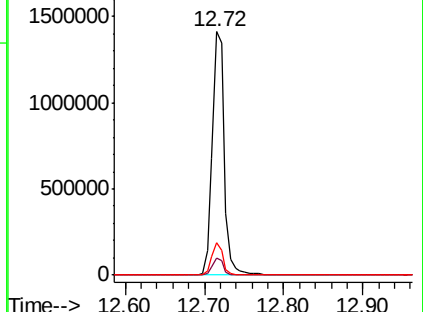
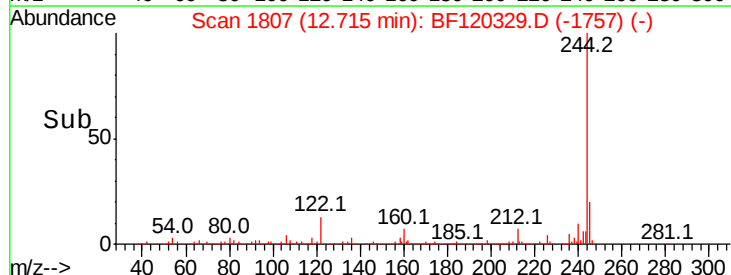
122 13.4 10.8 16.2

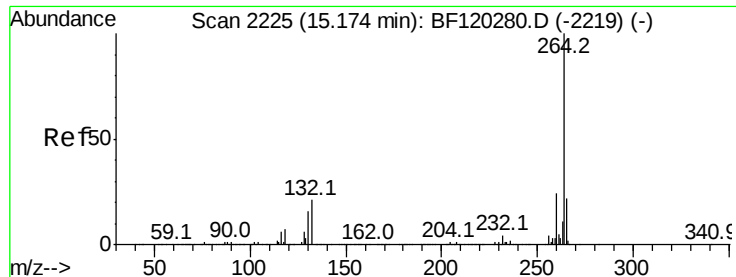


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.16 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BF120329.D
 Acq: 15 May 2020 18:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.7	17.5	26.3

