

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120717.D
 Acq On : 26 Jun 2020 19:06
 Operator : JU/CG
 Sample : L3114-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-242

Quant Time: Jun 27 01:01:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

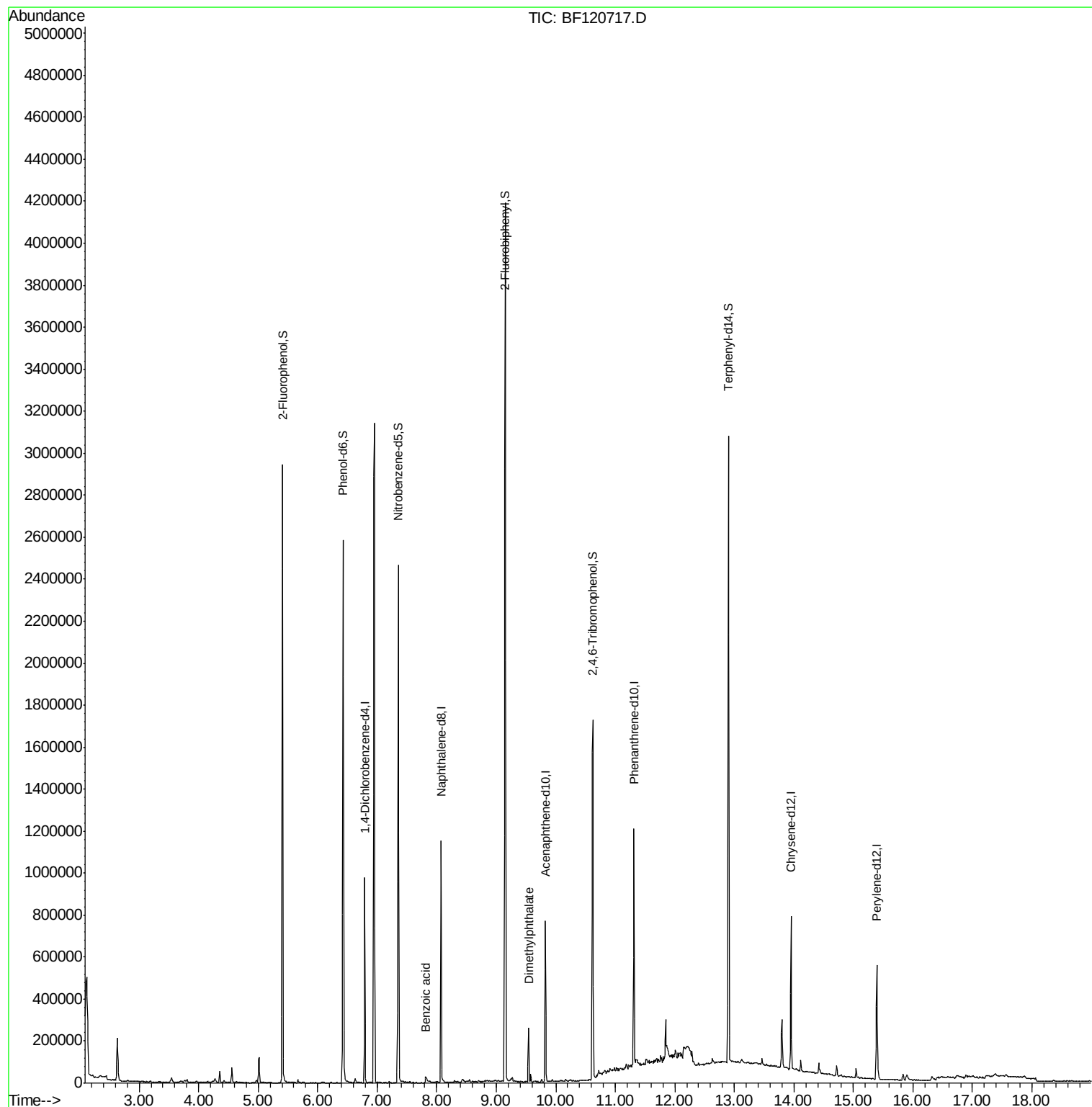
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	143296	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	534836	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	145350	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	442140	20.00	ng	-0.01
76) Chrysene-d12	13.95	240	255606	20.00	ng	-0.01
86) Perylene-d12	15.40	264	261845	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	903179	108.06	ng	0.00
7) Phenol-d6	6.43	99	994708	95.55	ng	-0.01
23) Nitrobenzene-d5	7.36	82	843178	88.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	246117	145.64	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1339412	140.99	ng	-0.01
79) Terphenyl-d14	12.90	244	1181992	102.14	ng	0.00
Target Compounds						
32) Benzoic acid	7.82	122	12184	2.036	ng	95
50) Dimethylphthalate	9.55	163	110800	10.584	ng	99

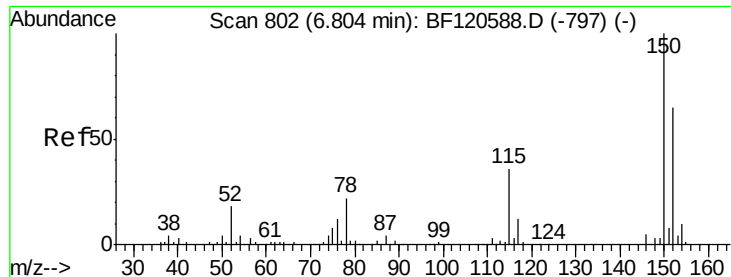
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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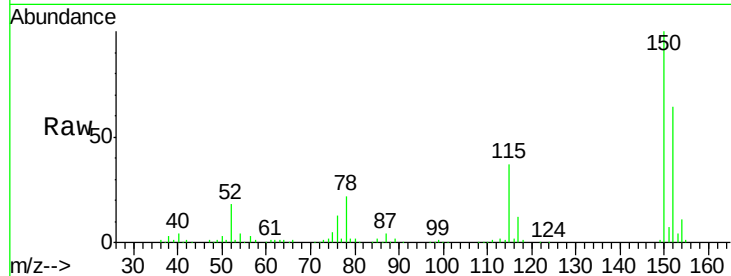


#1

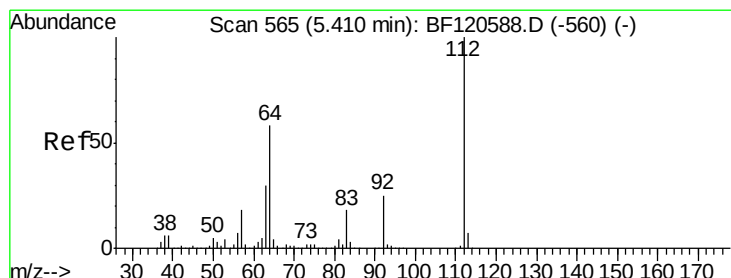
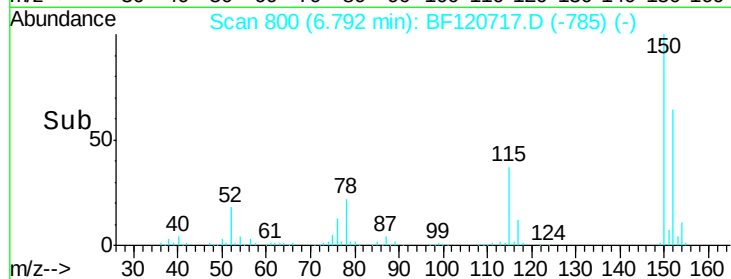
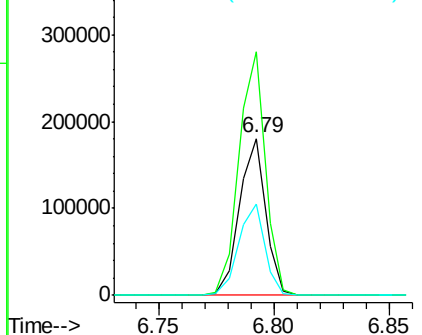
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Instrument :
BNA_F
ClientSampleId :
VNJ-242

Tot Ion:152 Resp: 143296
Ion Ratio Lower Upper
152 100
150 155.2 123.2 184.8
115 57.9 43.9 65.9



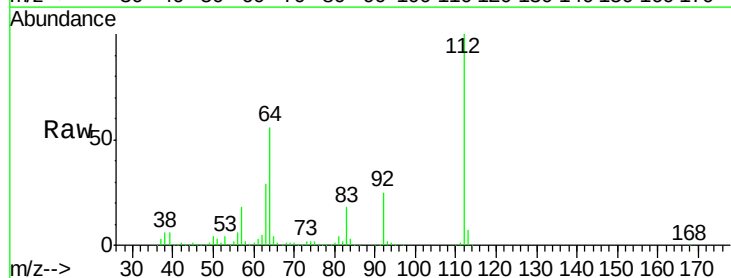
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



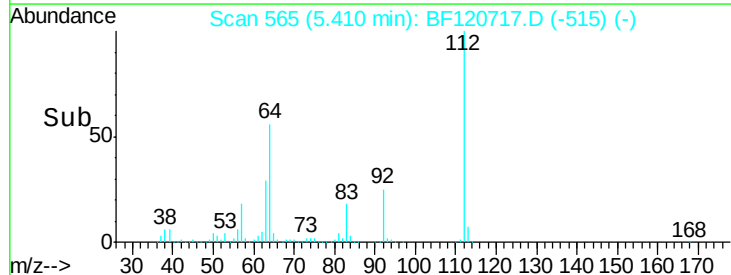
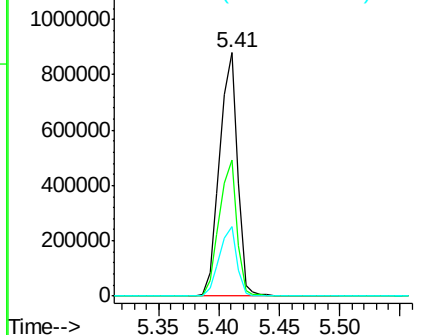
#5

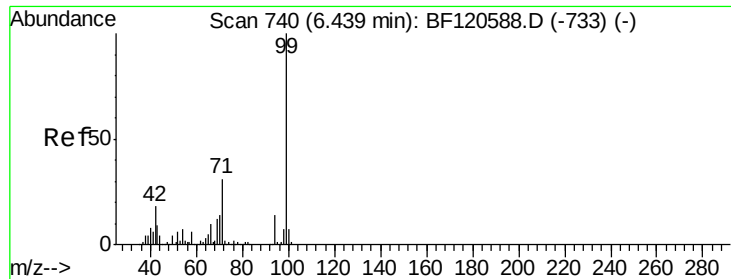
2-Fluorophenol
Concen: 108.060 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Tgt Ion:112 Resp: 903179
Ion Ratio Lower Upper
112 100
64 55.7 46.1 69.1
63 28.6 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: 95.553 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120717.D

Acq: 26 Jun 2020 19:06

Instrument :

BNA_F

ClientSampleId :

VNJ-242

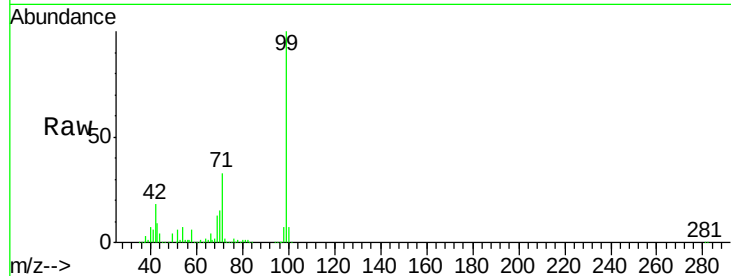
Tot Ion: 99 Resp: 994708

Ion Ratio Lower Upper

99 100

42 18.2 14.0 21.0

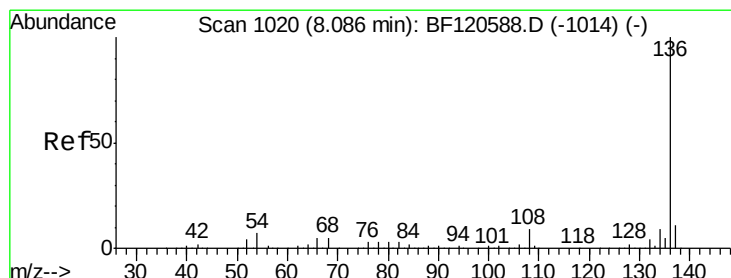
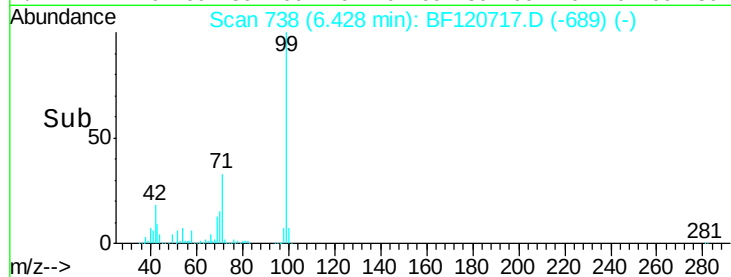
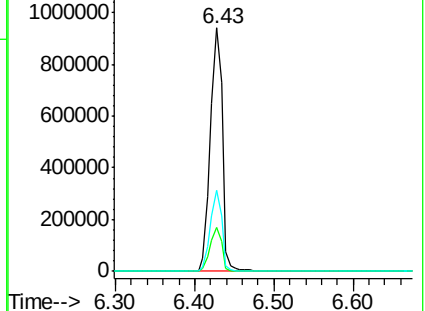
71 33.1 24.9 37.3



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF120717.D

Acq: 26 Jun 2020 19:06

Tgt Ion: 136 Resp: 534836

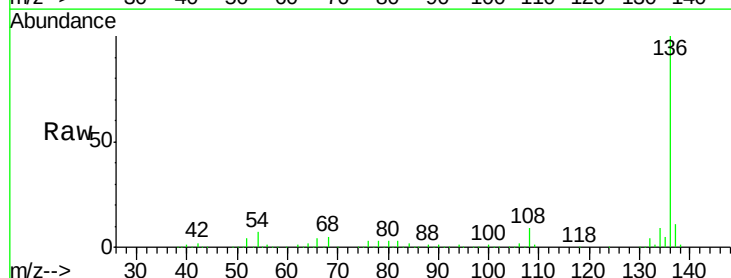
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 6.8 5.8 8.6

68 5.2 4.4 6.6

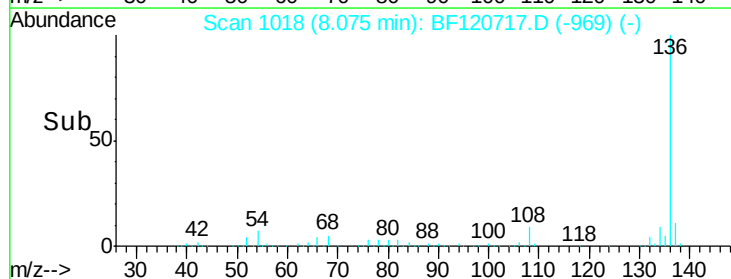
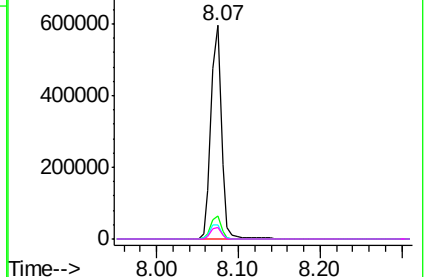


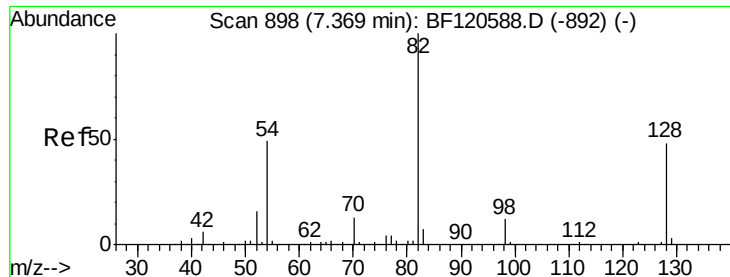
Abundance Ion 136.00 (135.70 to 136.70): E

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

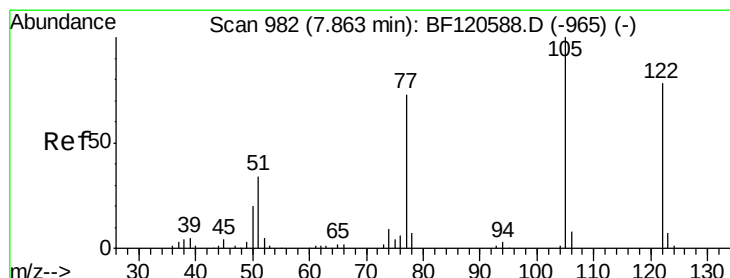
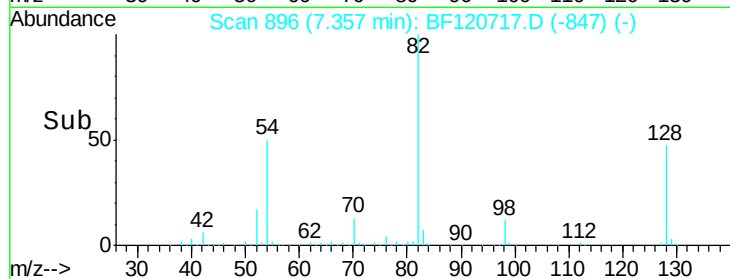
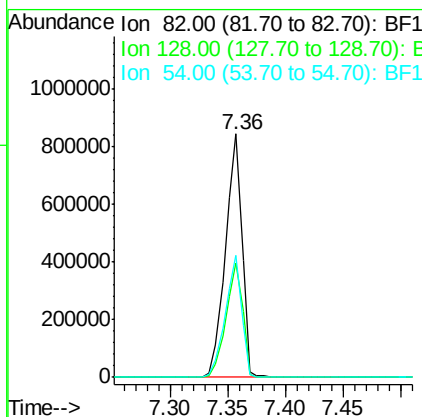
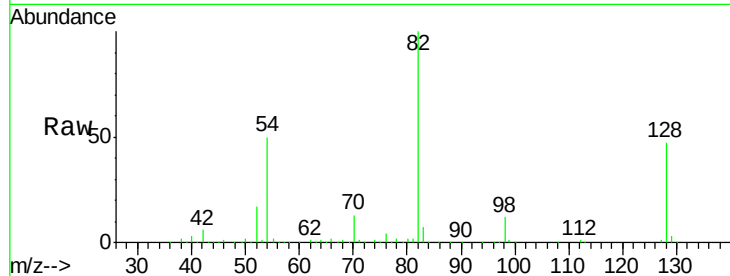




#23
 Nitrobenzene-d5
 Concen: 88.122 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF120717.D
 Acq: 26 Jun 2020 19:06

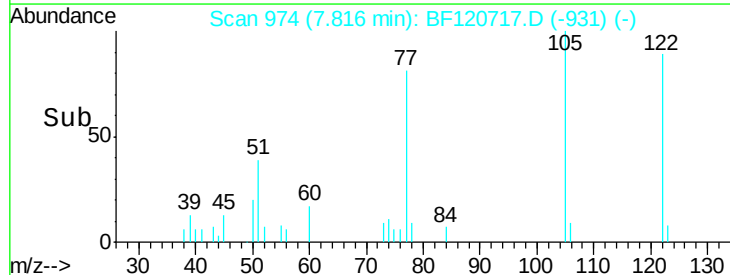
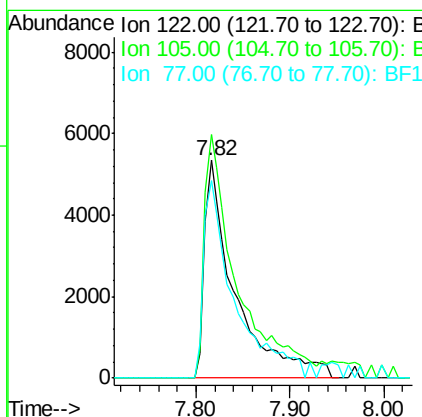
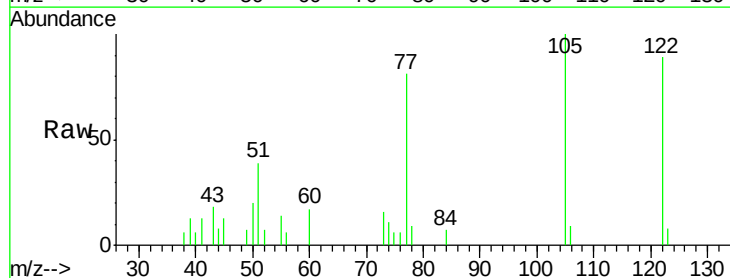
Instrument :
 BNA_F
 ClientSampled :
 VNJ-242

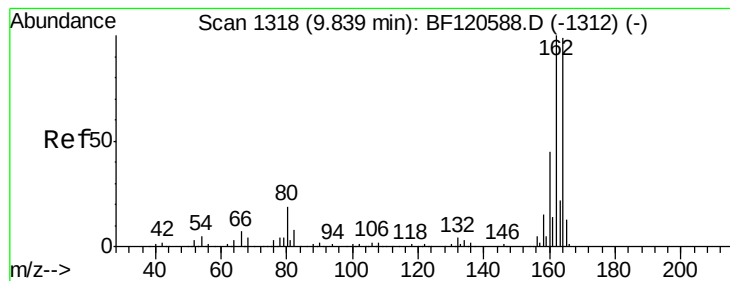
Tot Ion: 82 Resp: 843178
 Ion Ratio Lower Upper
 82 100
 128 47.1 38.0 57.0
 54 49.9 38.8 58.2



#32
 Benzoic acid
 Concen: 2.036 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.05 min
 Lab File: BF120717.D
 Acq: 26 Jun 2020 19:06

Tgt Ion: 122 Resp: 12184
 Ion Ratio Lower Upper
 122 100
 105 111.8 101.0 141.0
 77 90.5 69.8 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF120717.D

Acq: 26 Jun 2020 19:06

Instrument :

BNA_F

ClientSampleId :

VNJ-242

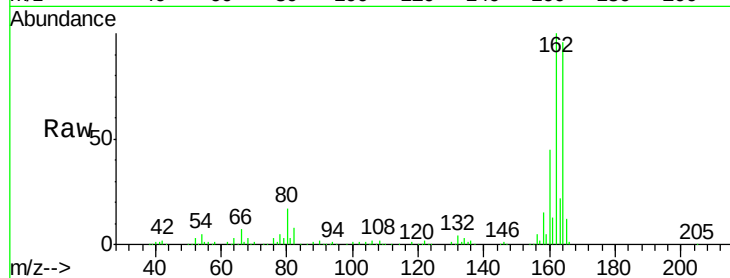
Tot Ion:164 Resp: 145350

Ion Ratio Lower Upper

164 100

162 104.0 80.6 120.8

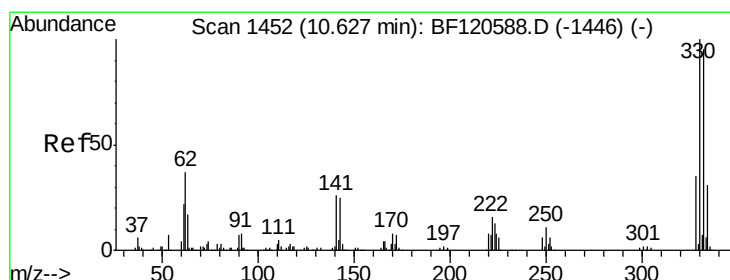
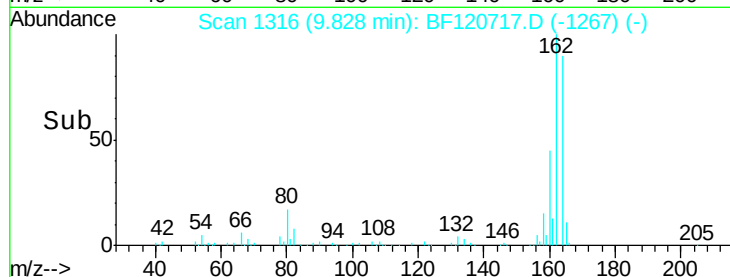
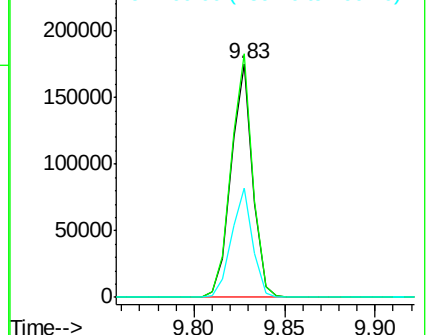
160 46.6 36.2 54.2



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: 145.640 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120717.D

Acq: 26 Jun 2020 19:06

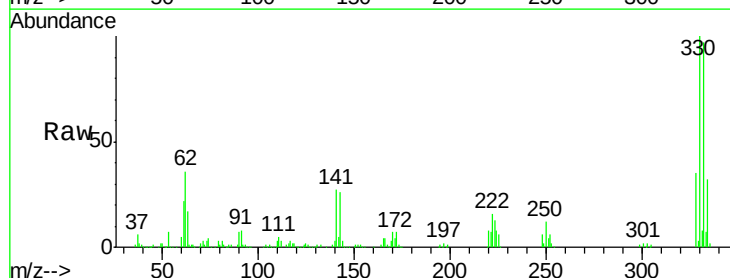
Tgt Ion:330 Resp: 246117

Ion Ratio Lower Upper

330 100

332 95.2 76.8 115.2

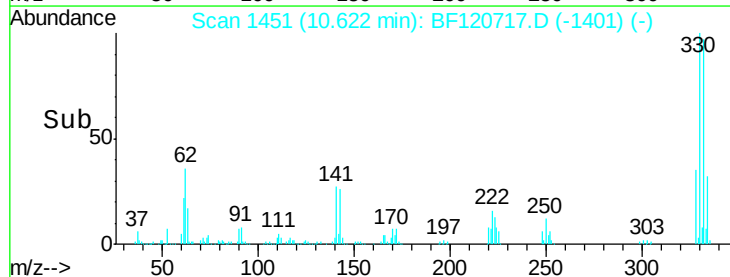
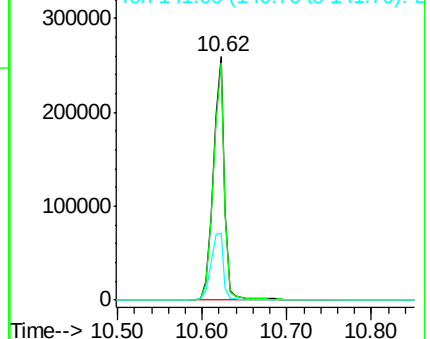
141 30.6 23.2 34.8

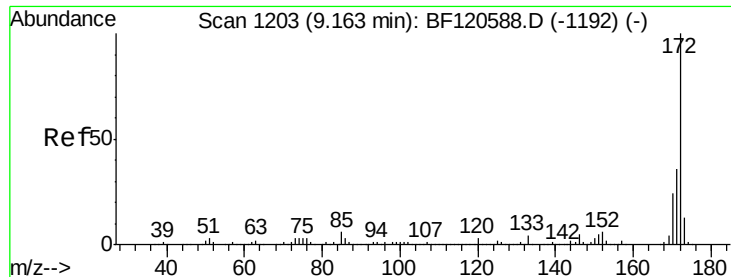


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



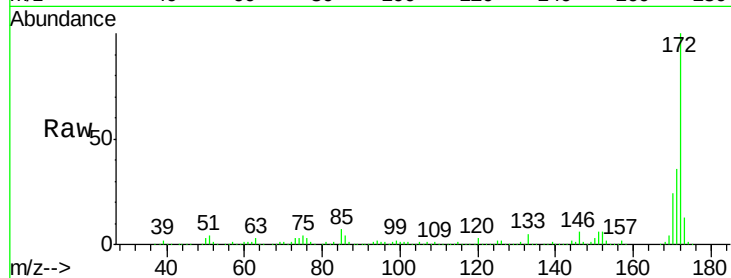


#45
2-Fluorobiphenyl
Concen: 140.989 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

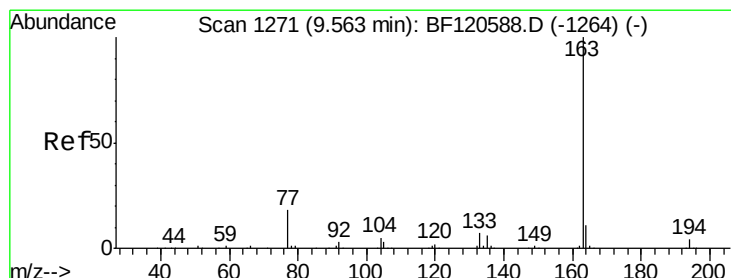
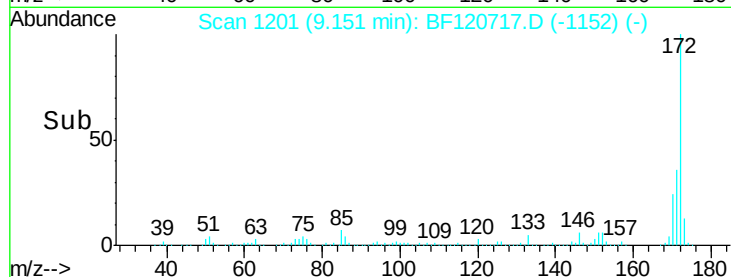
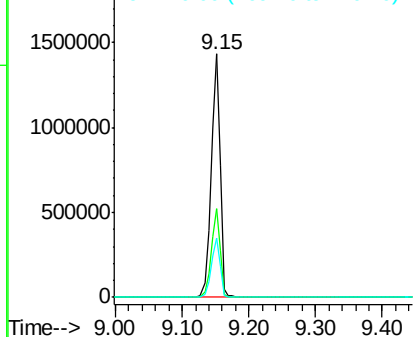
Instrument :
BNA_F
ClientSampleId :
VNJ-242

Tot Ion:172 Resp: 1339412

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.3	19.4	29.2



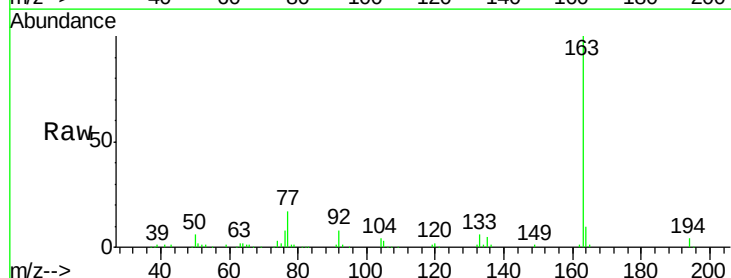
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



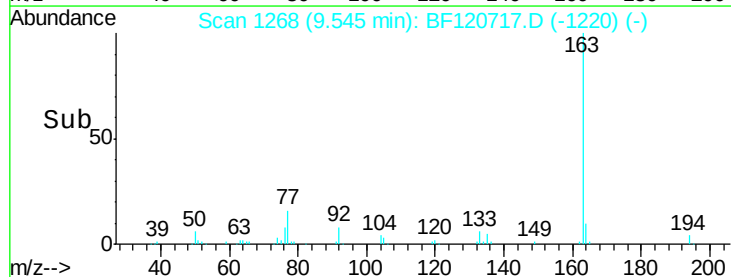
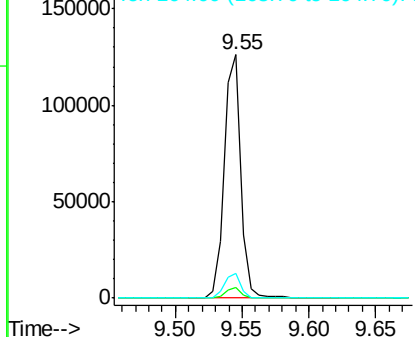
#50
Dimethylphthalate
Concen: 10.584 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

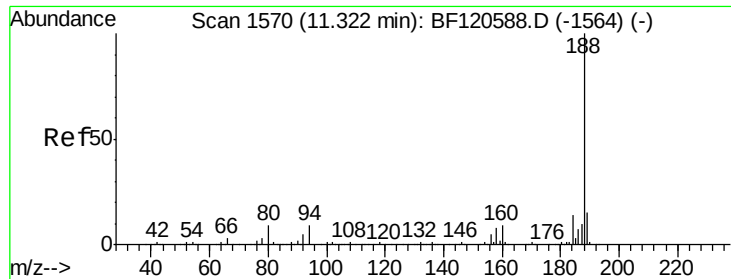
Tgt Ion:163 Resp: 110800

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.1	4.7
164	10.3	8.5	12.7



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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF120717.D

Acq: 26 Jun 2020 19:06

Instrument :

BNA_F

ClientSampleId :

VNJ-242

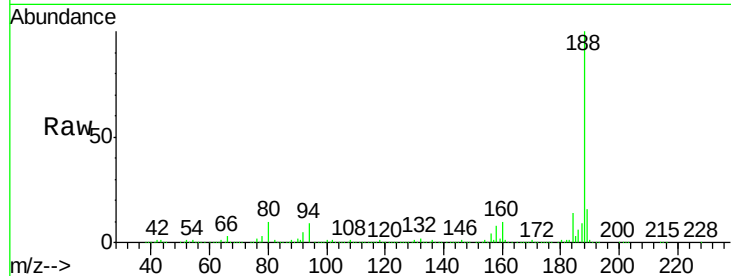
Tot Ion:188 Resp: 442140

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

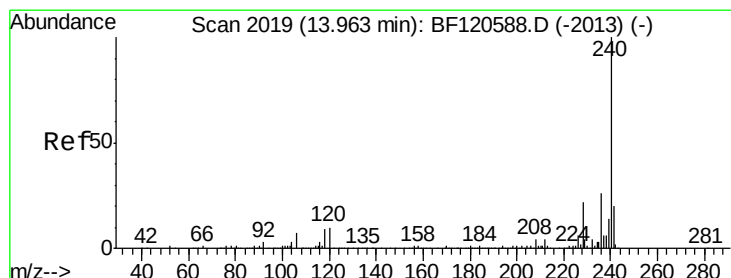
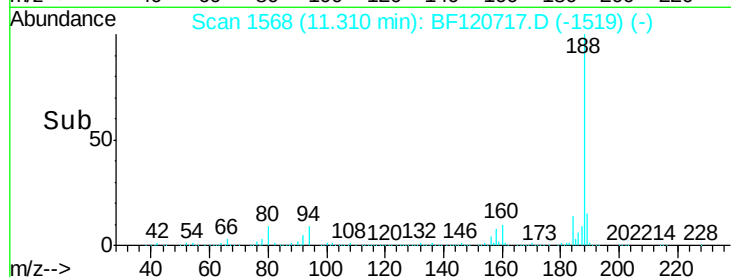
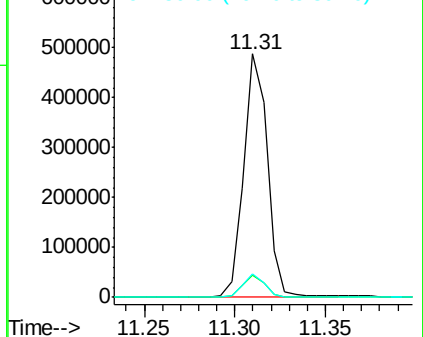
80 9.5 7.4 11.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF120717.D

Acq: 26 Jun 2020 19:06

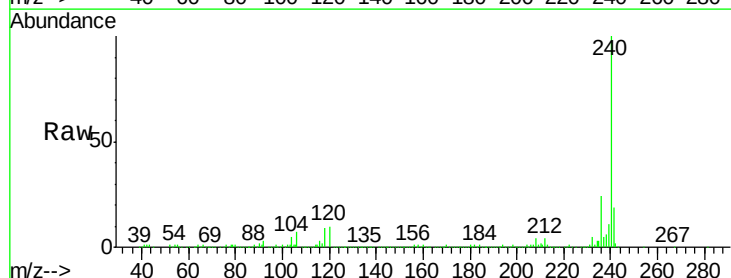
Tgt Ion:240 Resp: 255606

Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

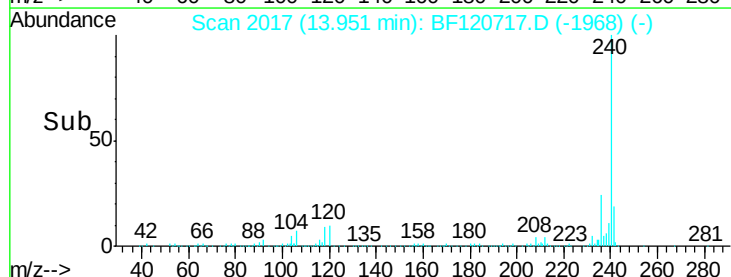
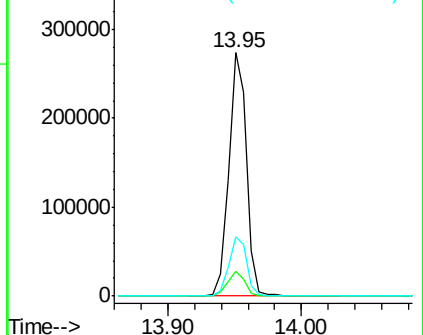
236 24.4 21.0 31.4

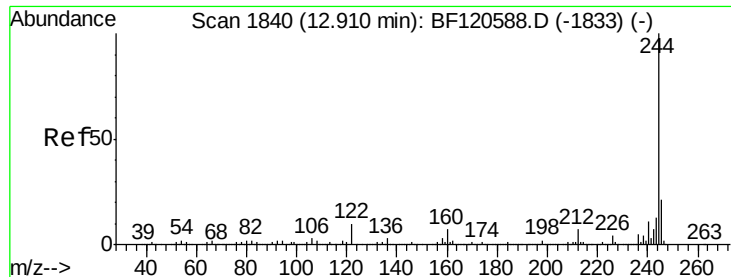


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 102.145 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120717.D

Acq: 26 Jun 2020 19:06

Instrument :

BNA_F

ClientSampleId :

VNJ-242

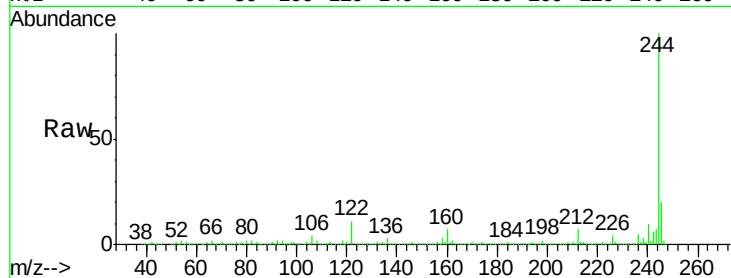
Tot Ion:244 Resp: 1181992

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

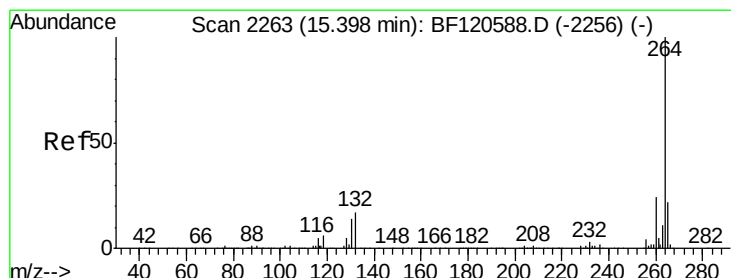
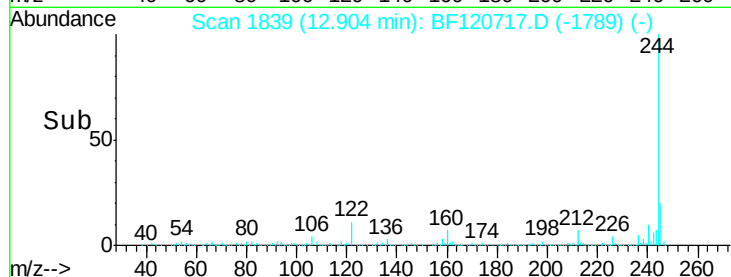
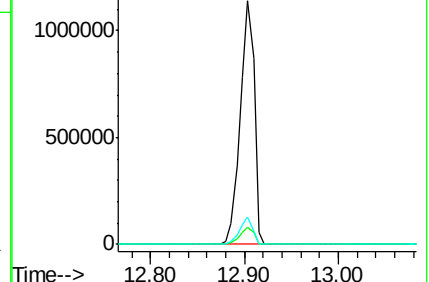
122 11.0 8.3 12.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF120717.D

Acq: 26 Jun 2020 19:06

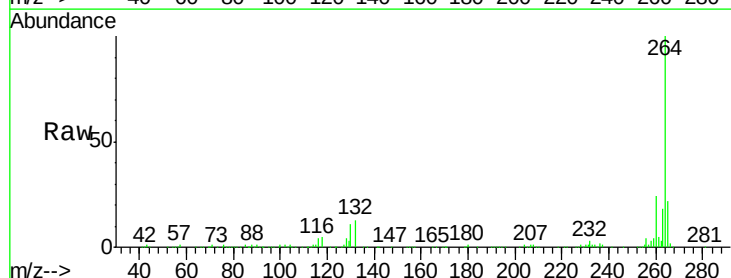
Tgt Ion:264 Resp: 261845

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 22.0 17.8 26.8



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

