

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
 Data File : BF120640.D
 Acq On : 17 Jun 2020 18:51
 Operator : JU/CG
 Sample : L2811-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620

Quant Time: Jun 18 05:07:21 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

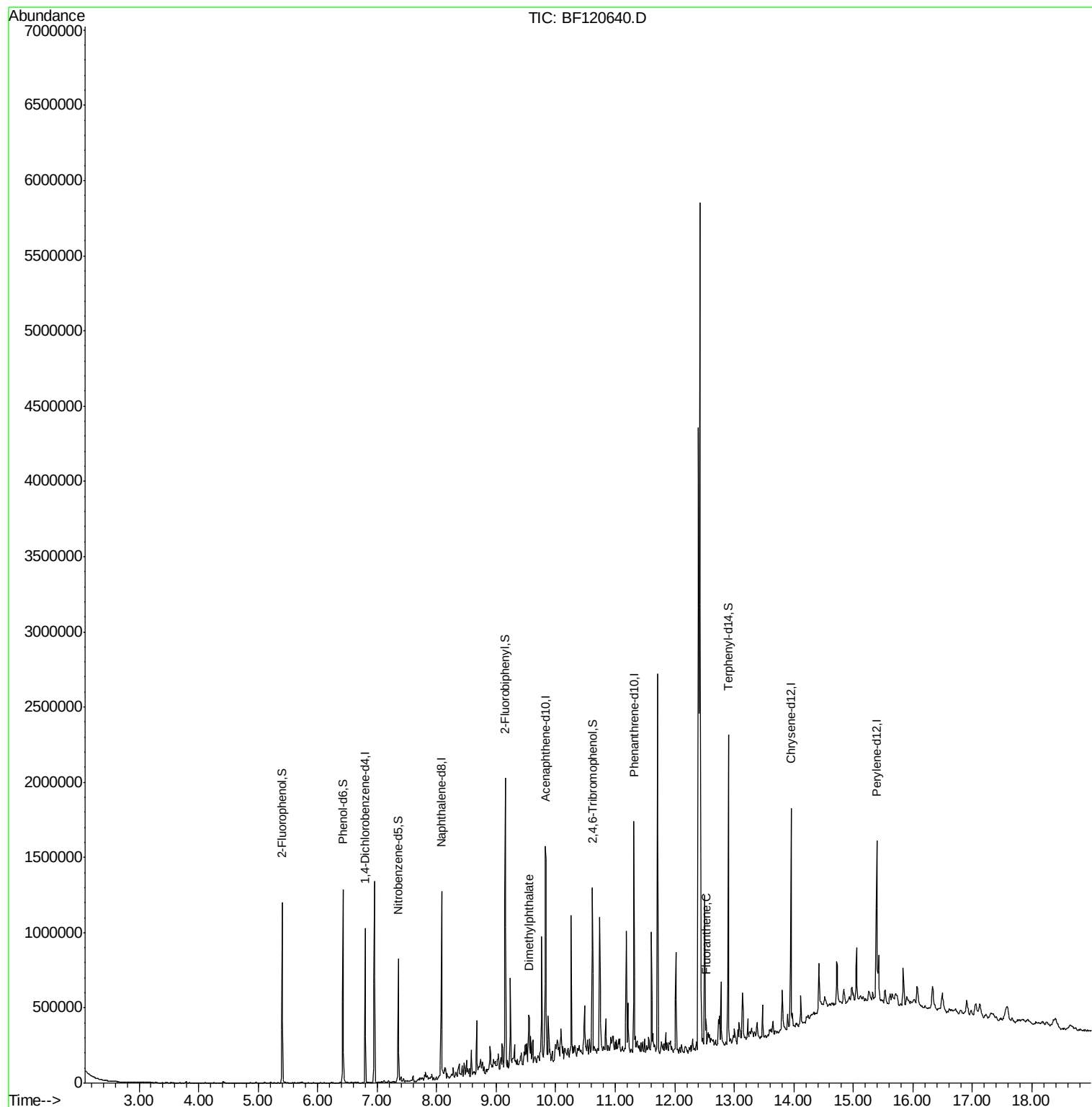
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	150720	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	554746	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	285483	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	550410	20.00	ng	0.00
76) Chrysene-d12	13.95	240	492186	20.00	ng	-0.01
86) Perylene-d12	15.39	264	528966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	344843	39.23	ng	-0.01
7) Phenol-d6	6.42	99	420649	38.42	ng	-0.02
23) Nitrobenzene-d5	7.36	82	255343	25.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	129835	39.12	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	542216	29.06	ng	-0.01
79) Terphenyl-d14	12.90	244	677052	30.39	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.55	163	60855	2.960	ng	98
75) Fluoranthene	12.52	202	69204	2.212	ng	99

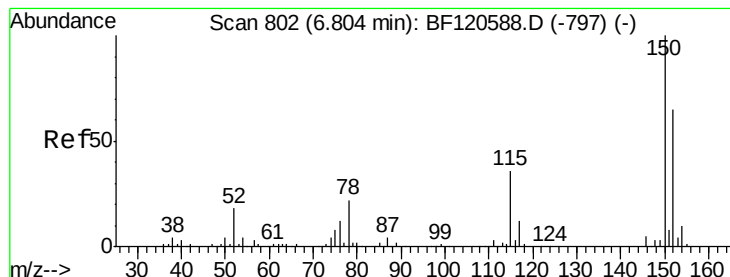
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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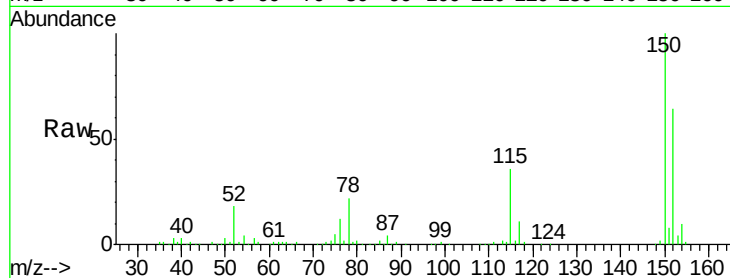


#1

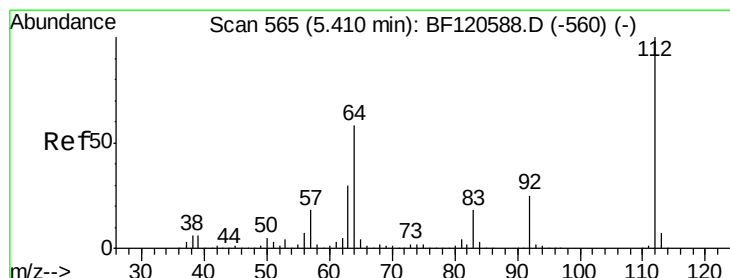
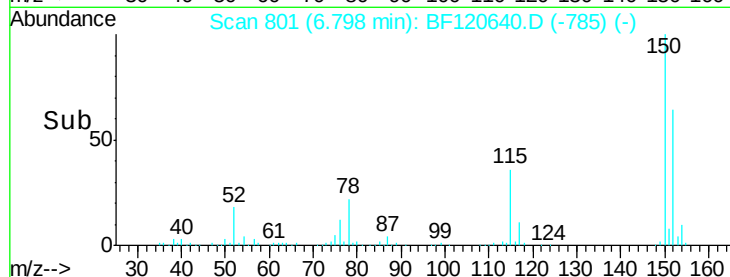
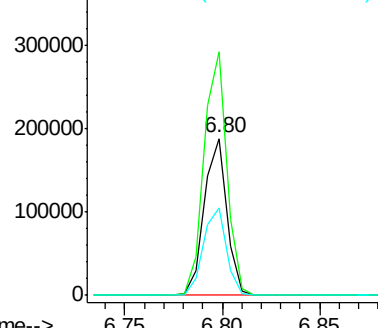
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120640.D
Acq: 17 Jun 2020 18:51

Instrument :
BNA_F
ClientSampleId :
NB-08-061620

Tot Ion:152 Resp: 150720
Ion Ratio Lower Upper
152 100
150 155.3 123.2 184.8
115 56.0 43.9 65.9



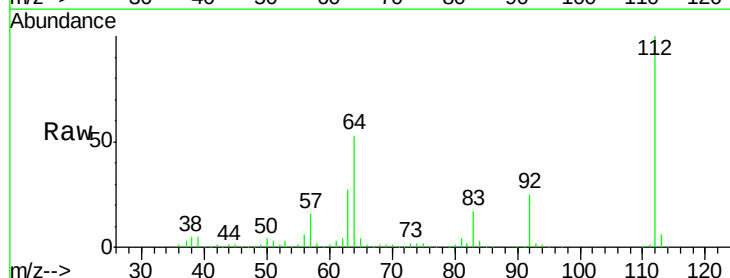
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



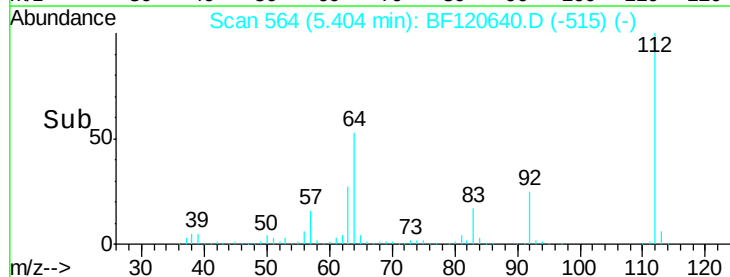
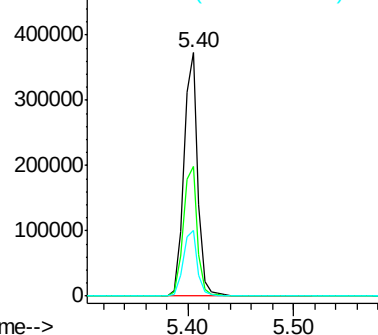
#5

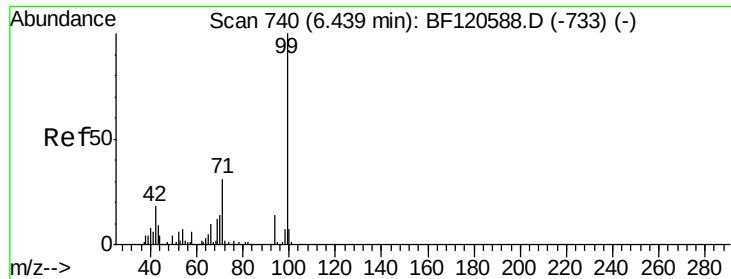
2-Fluorophenol
Concen: 39.226 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF120640.D
Acq: 17 Jun 2020 18:51

Tgt Ion:112 Resp: 344843
Ion Ratio Lower Upper
112 100
64 53.0 46.1 69.1
63 26.7 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: 38.418 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF120640.D

Acq: 17 Jun 2020 18:51

Instrument :

BNA_F

ClientSampleId :

NB-08-061620

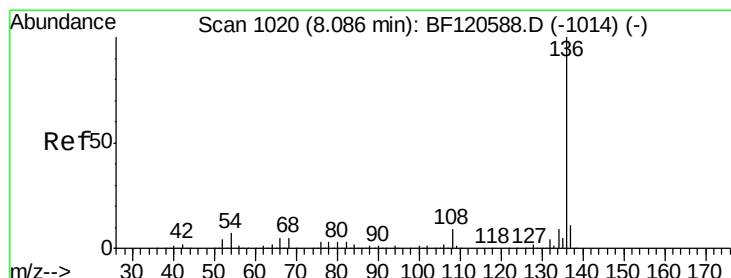
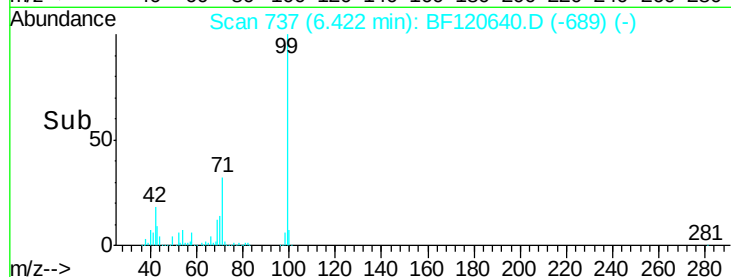
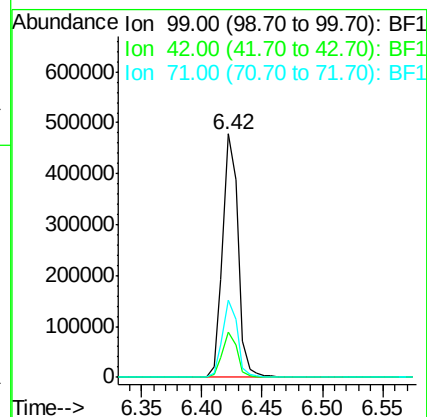
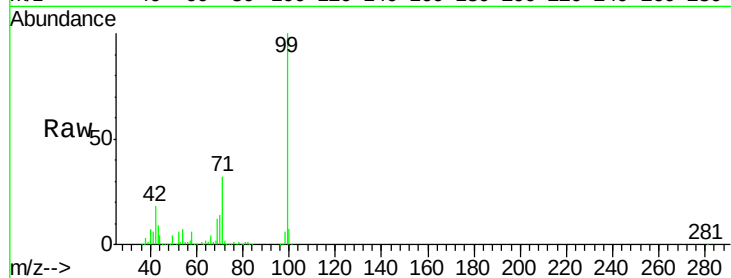
Tot Ion: 99 Resp: 420649

Ion Ratio Lower Upper

99 100

42 18.4 14.0 21.0

71 31.5 24.9 37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF120640.D

Acq: 17 Jun 2020 18:51

Tgt Ion: 136 Resp: 554746

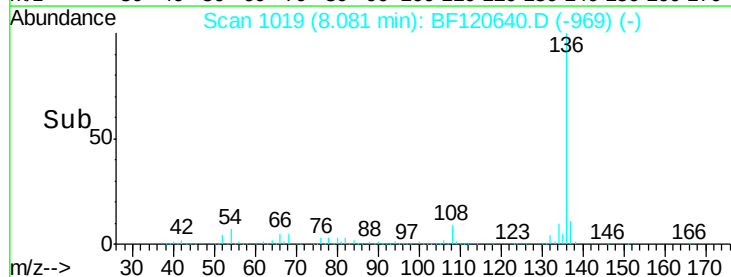
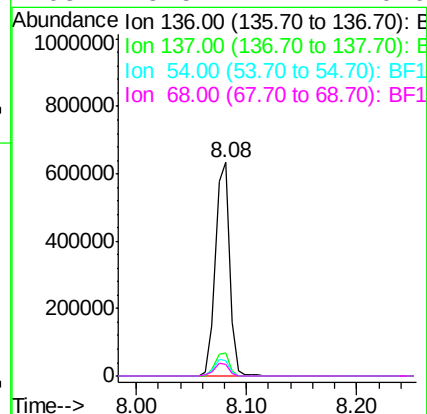
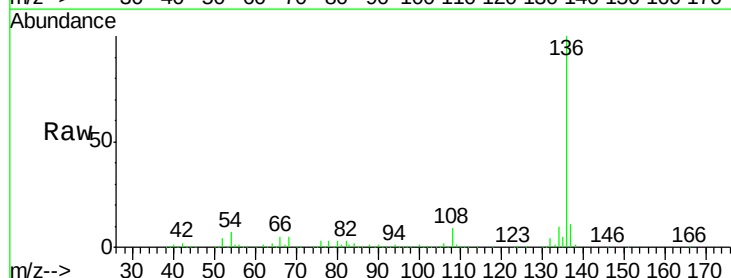
Ion Ratio Lower Upper

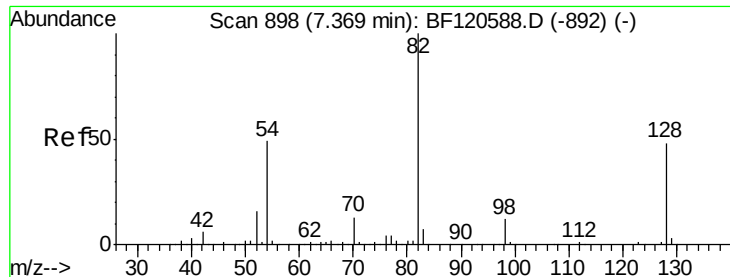
136 100

137 11.1 8.6 13.0

54 6.9 5.8 8.6

68 5.5 4.4 6.6





#23

Nitrobenzene-d5

Concen: 25.729 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF120640.D

Acq: 17 Jun 2020 18:51

Instrument :

BNA_F

ClientSampleId :

NB-08-061620

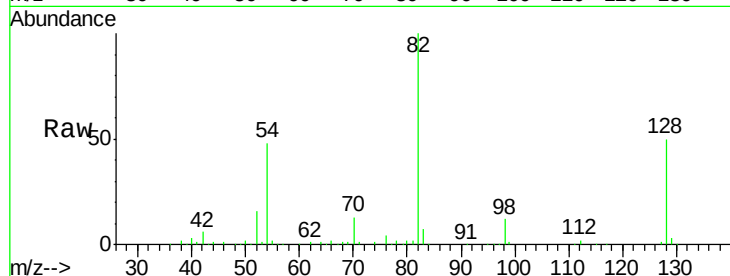
Tot Ion: 82 Resp: 255343

Ion Ratio Lower Upper

82 100

128 50.4 38.0 57.0

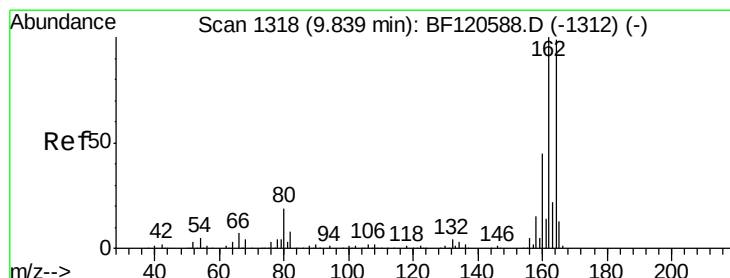
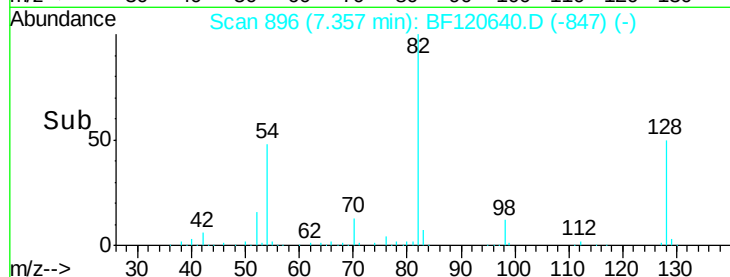
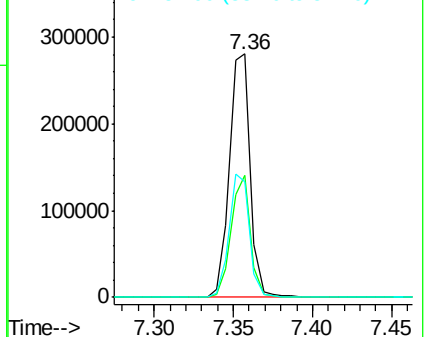
54 47.7 38.8 58.2



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF120640.D

Acq: 17 Jun 2020 18:51

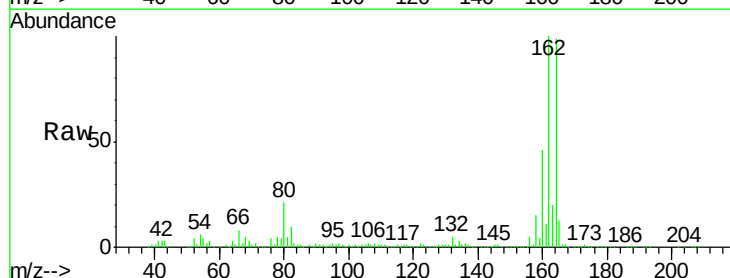
Tgt Ion:164 Resp: 285483

Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

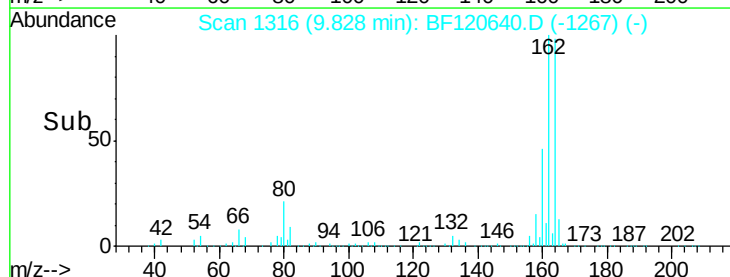
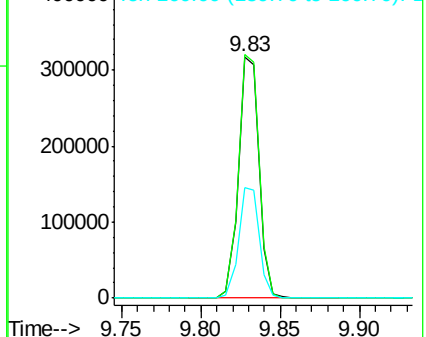
160 46.0 36.2 54.2

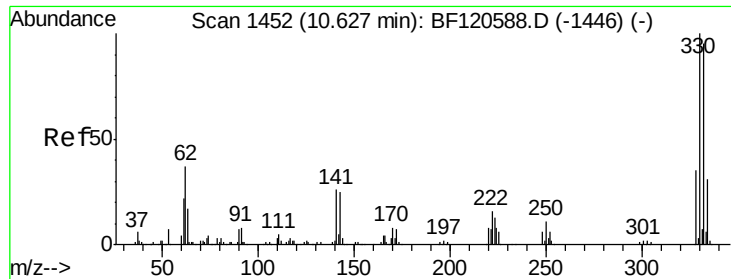


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 39.117 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF120640.D

Acq: 17 Jun 2020 18:51

Instrument :

BNA_F

ClientSampleId :

NB-08-061620

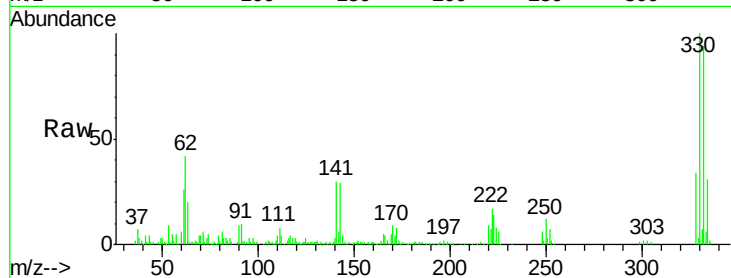
Tot Ion:330 Resp: 129835

Ion Ratio Lower Upper

330 100

332 95.4 76.8 115.2

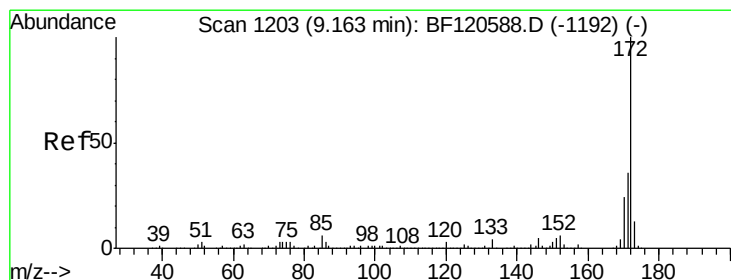
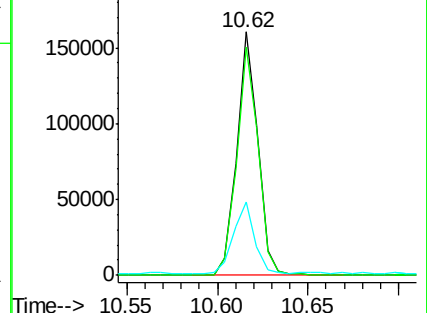
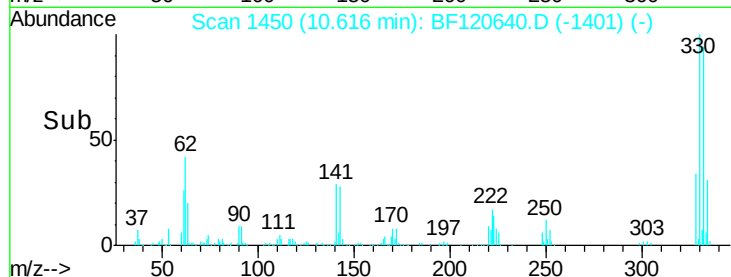
141 29.3 23.2 34.8



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: 29.059 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF120640.D

Acq: 17 Jun 2020 18:51

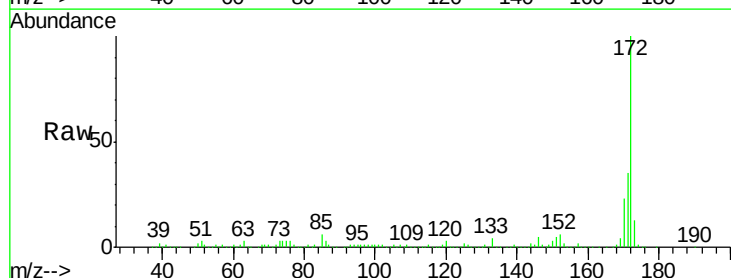
Tgt Ion:172 Resp: 542216

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.4

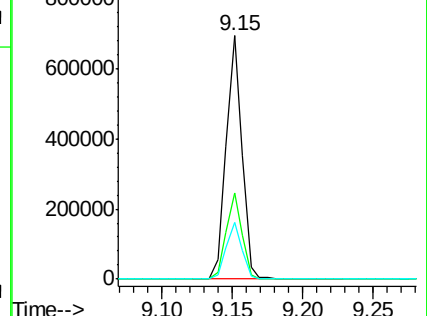
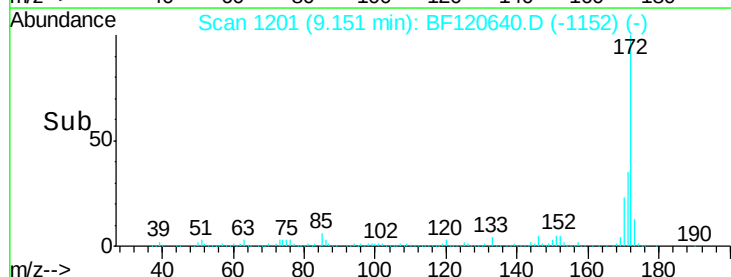
170 23.4 19.4 29.2

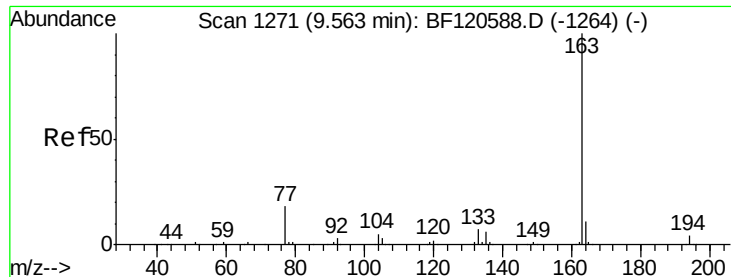


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.960 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120640.D

Acq: 17 Jun 2020 18:51

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NB-08-061620

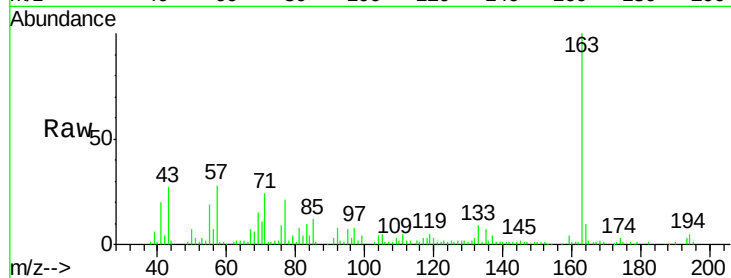
Tot Ion:163 Resp: 60855

Ion Ratio Lower Upper

163 100

194 4.6 3.1 4.7

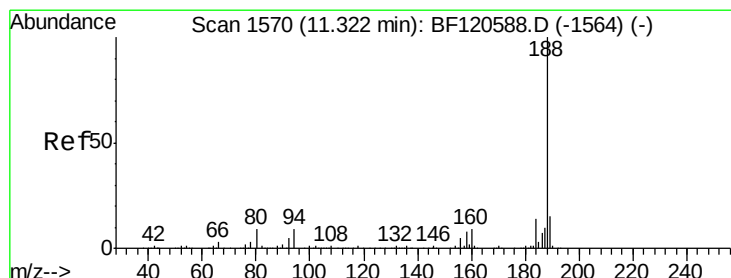
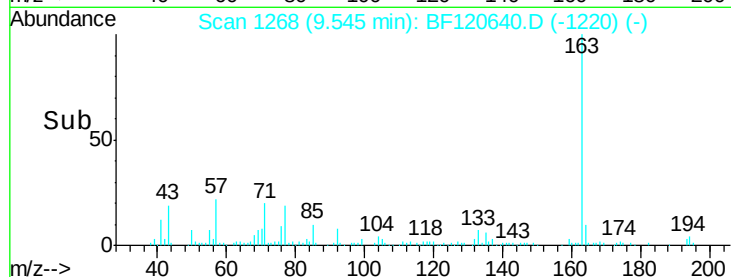
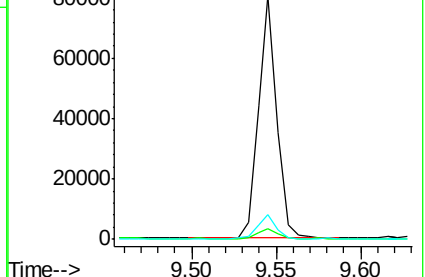
164 10.0 8.5 12.7



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: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF120640.D

Acq: 17 Jun 2020 18:51

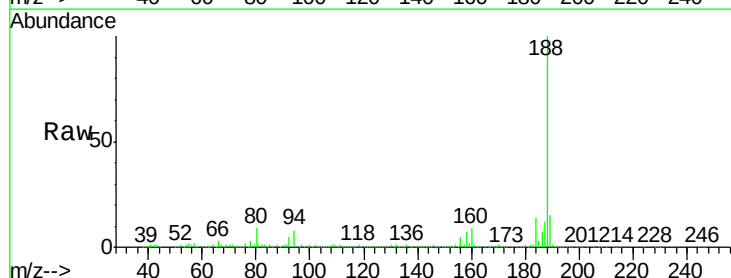
Tgt Ion:188 Resp: 550410

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

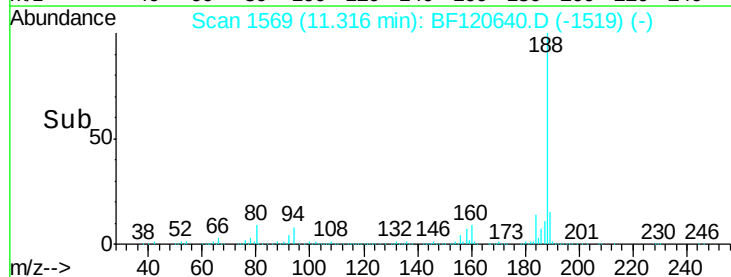
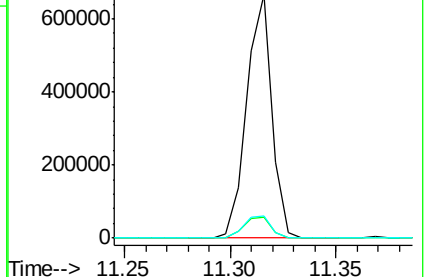
80 8.9 7.4 11.2

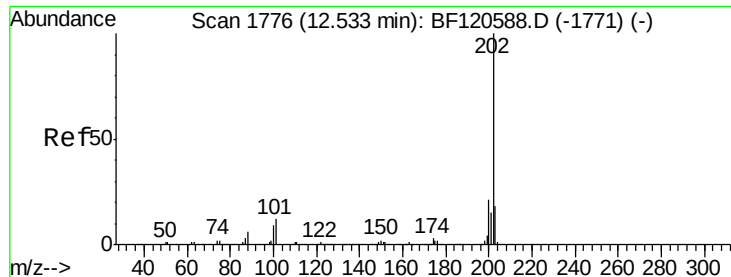


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.212 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF120640.D

Acq: 17 Jun 2020 18:51

Instrument :

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NB-08-061620

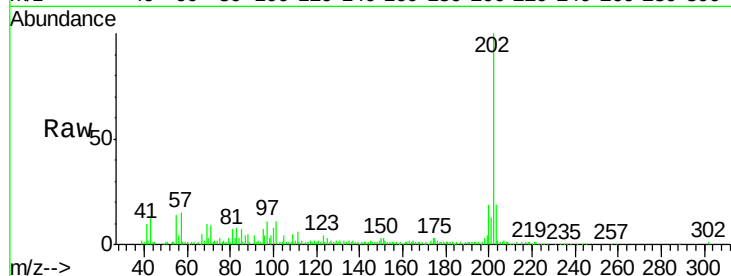
Tot Ion:202 Resp: 69204

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.0

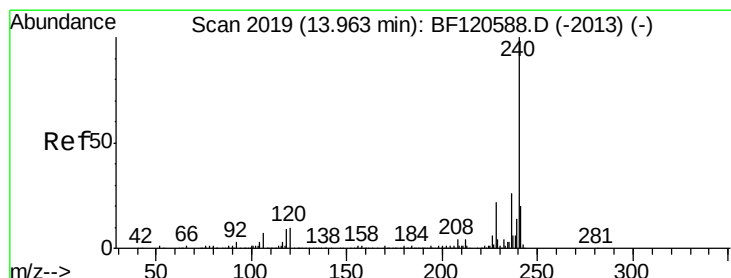
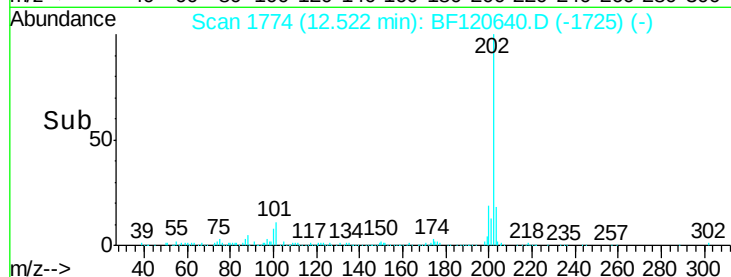
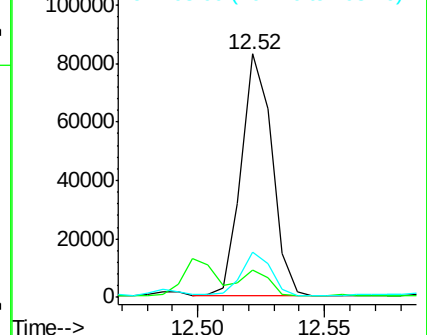
203 18.5 0.0 38.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF120640.D

Acq: 17 Jun 2020 18:51

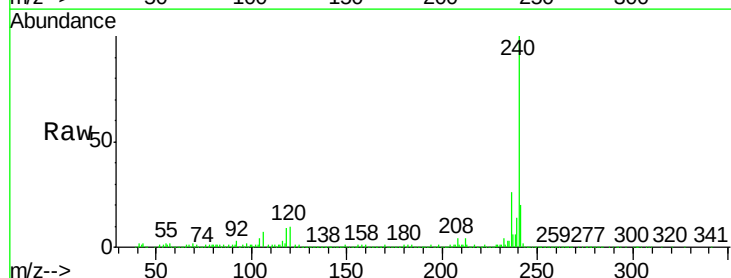
Tgt Ion:240 Resp: 492186

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

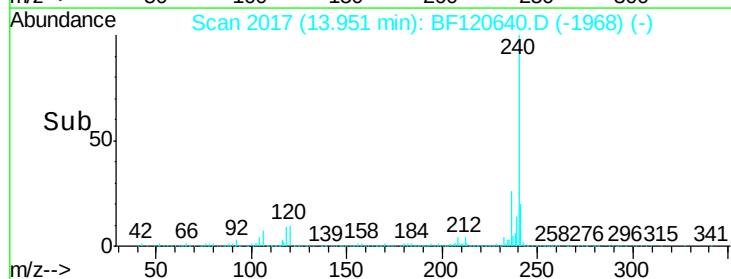
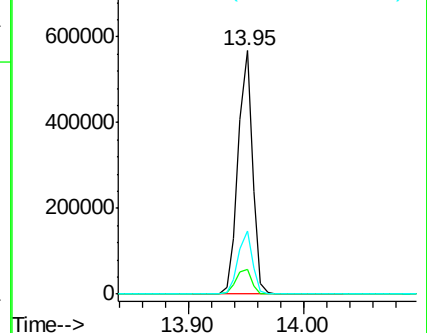
236 25.9 21.0 31.4

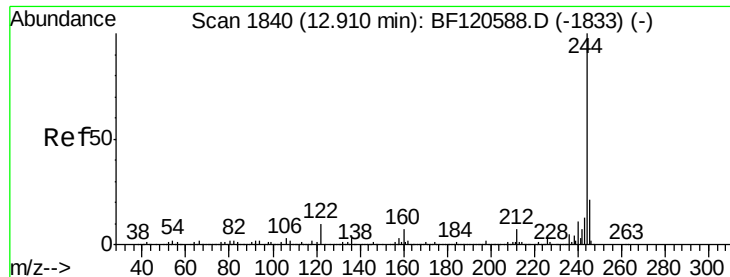


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 30.385 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF120640.D

Acq: 17 Jun 2020 18:51

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NB-08-061620

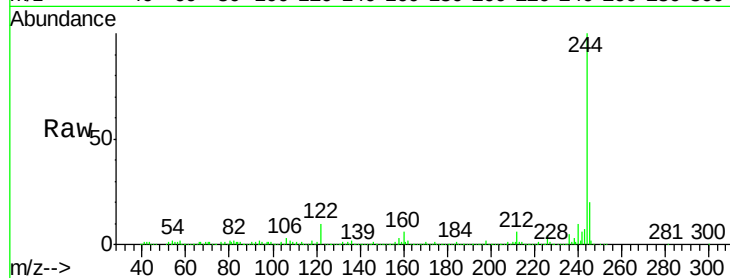
Tot Ion:244 Resp: 677052

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

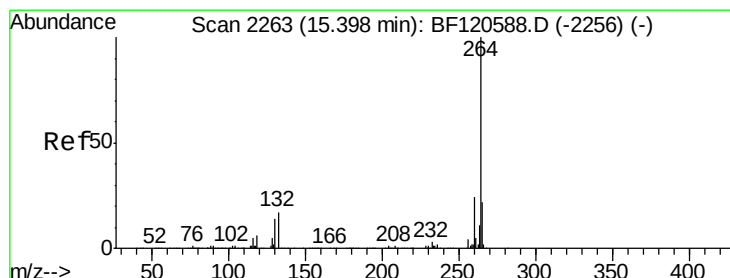
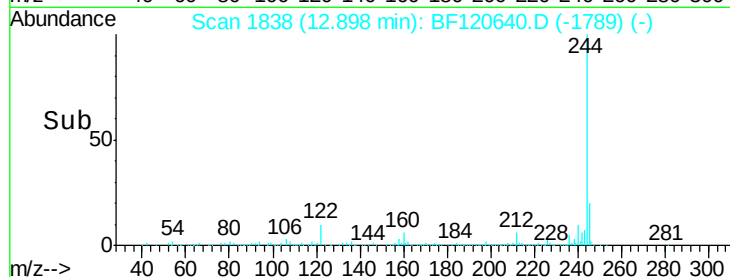
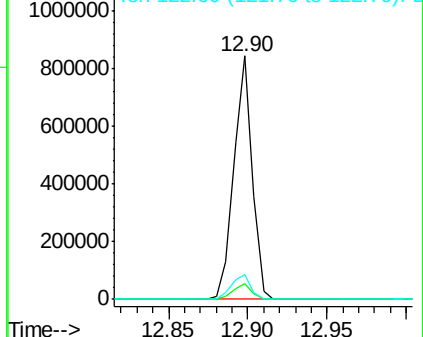
122 10.1 8.3 12.5



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: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF120640.D

Acq: 17 Jun 2020 18:51

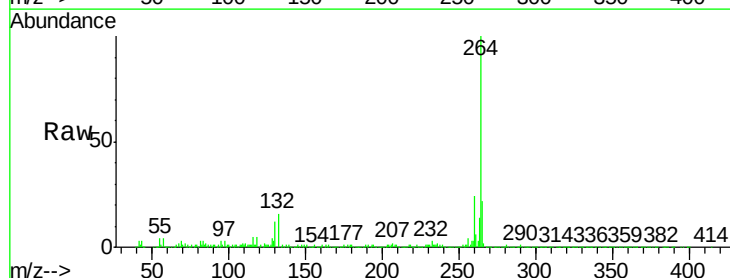
Tgt Ion:264 Resp: 528966

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 21.6 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

