

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118711.D
 Acq On : 25 Jan 2020 5:26
 Operator : CG/JU
 Sample : L1241-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-9

Quant Time: Jan 27 03:23:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

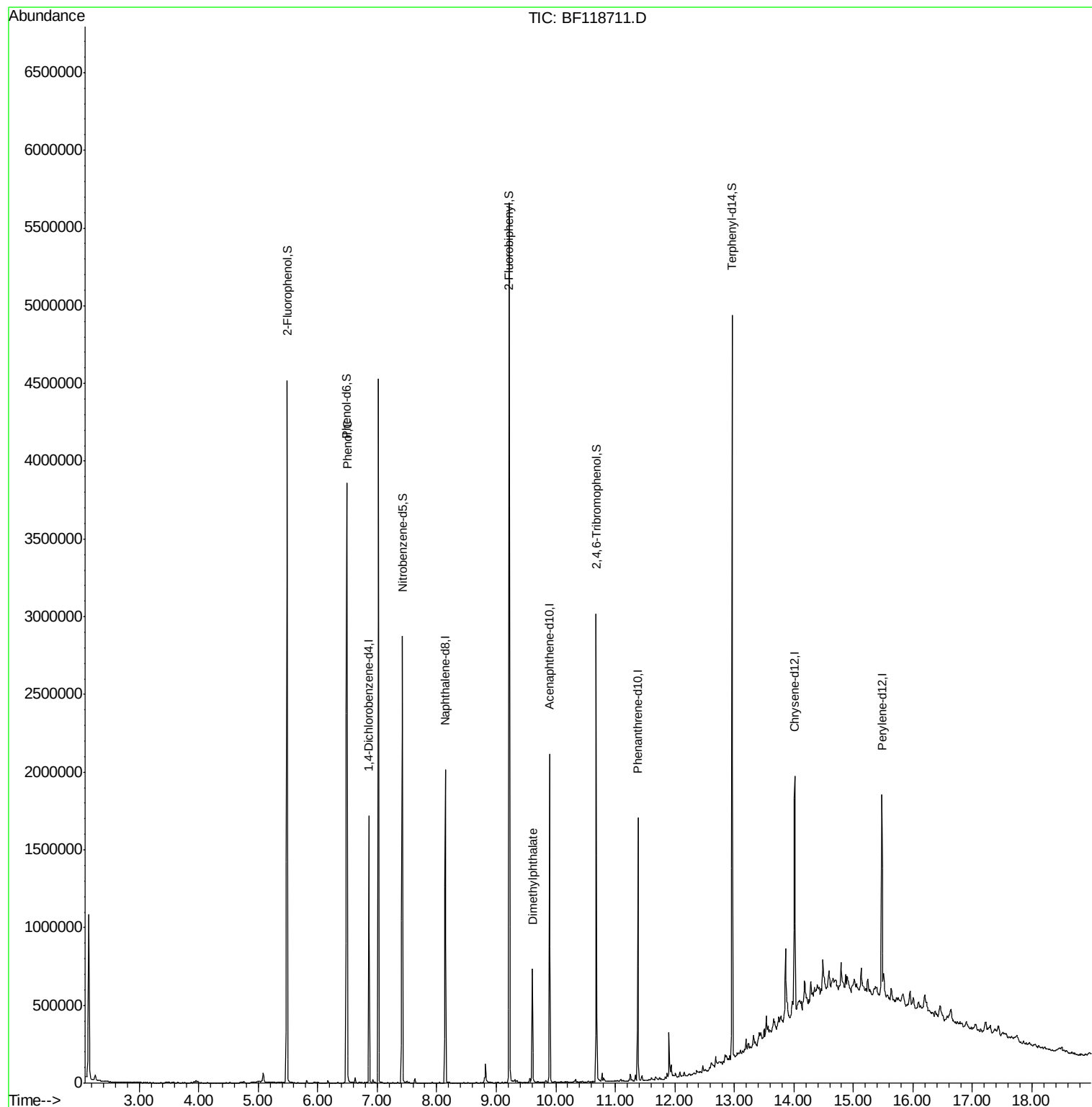
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	237712	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	845558	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	411574	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	616898	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	526920	20.00	ng	-0.03
87) Perylene-d12	15.48	264	650045	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1254731	98.03	ng	-0.01
7) Phenol-d6	6.49	99	1514565	91.04	ng	-0.02
23) Nitrobenzene-d5	7.42	82	930373	61.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	390100	81.95	ng	-0.03
45) 2-Fluorobiphenyl	9.22	172	1849707	73.87	ng	-0.03
79) Terphenyl-d14	12.96	244	1672990	69.25	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	44240	2.334	ng	90
50) Dimethylphthalate	9.61	163	315334	11.760	ng	97

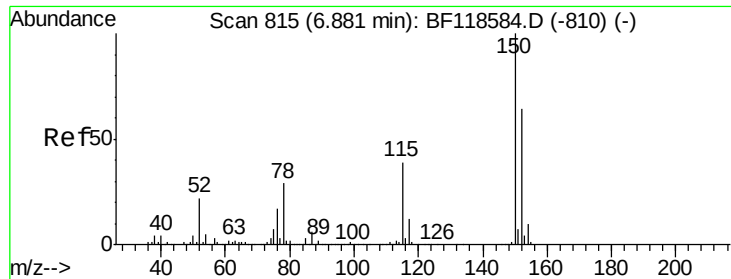
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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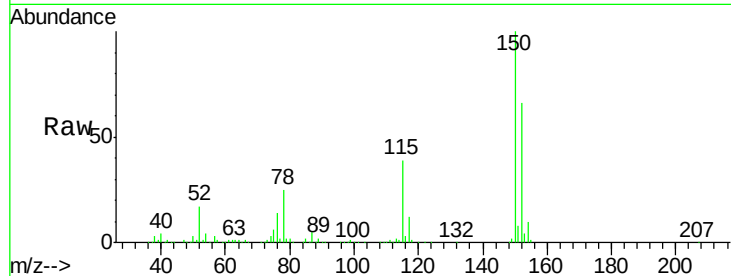


#1

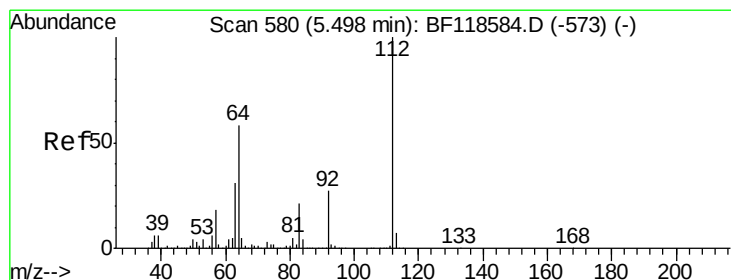
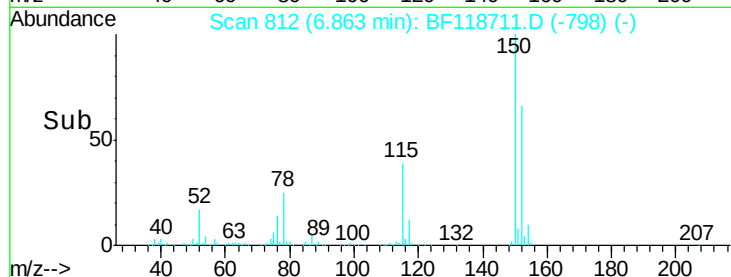
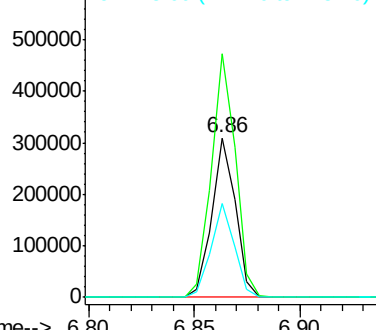
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118711.D
Acq: 25 Jan 2020 5:26

Instrument :
BNA_F
ClientSampled :
EP-9

Tot Ion:152 Resp: 237712
Ion Ratio Lower Upper
152 100
150 152.4 125.6 188.4
115 58.8 48.4 72.6



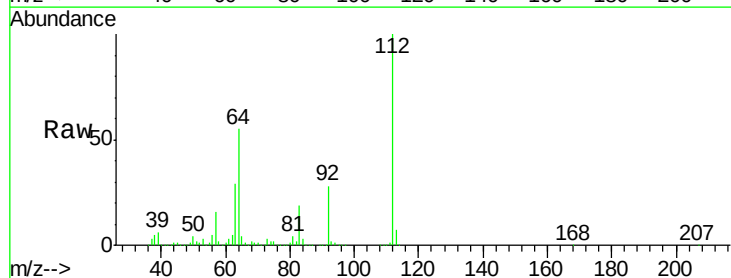
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



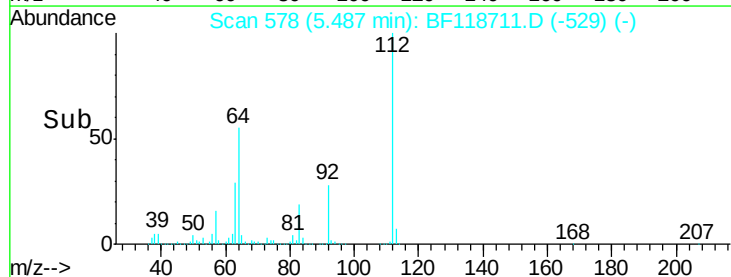
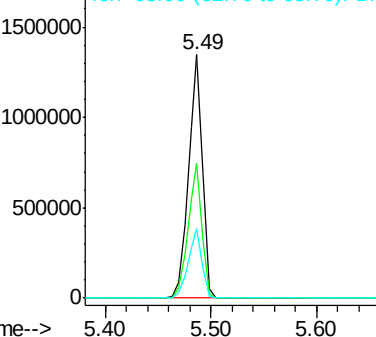
#5

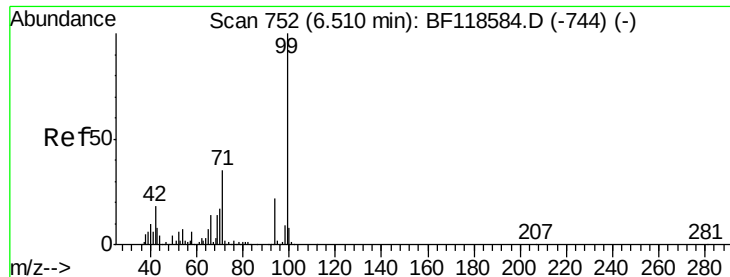
2-Fluorophenol
Concen: 98.033 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118711.D
Acq: 25 Jan 2020 5:26

Tgt Ion:112 Resp: 1254731
Ion Ratio Lower Upper
112 100
64 55.3 46.6 70.0
63 28.7 25.1 37.7



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: 91.044 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118711.D

Acq: 25 Jan 2020 5:26

Instrument :

BNA_F

ClientSampleId :

EP-9

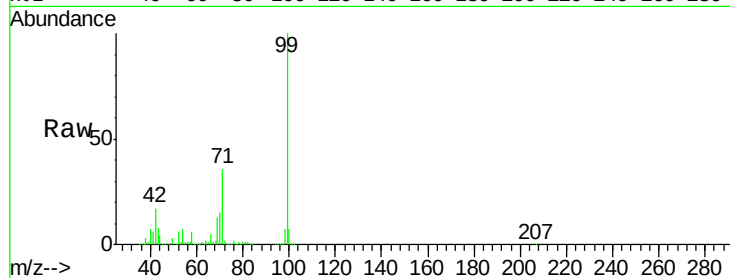
Tot Ion: 99 Resp: 1514565

Ion Ratio Lower Upper

99 100

42 17.0 14.2 21.2

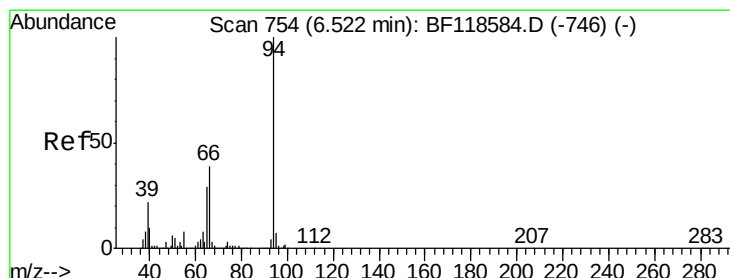
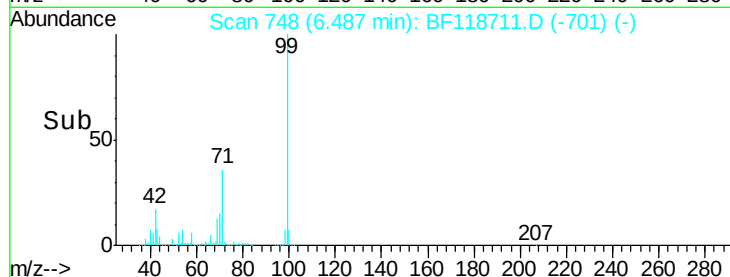
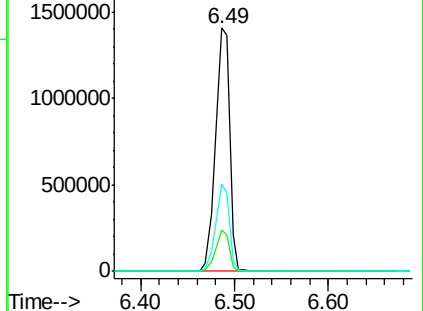
71 35.8 27.8 41.6



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: 2.334 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118711.D

Acq: 25 Jan 2020 5:26

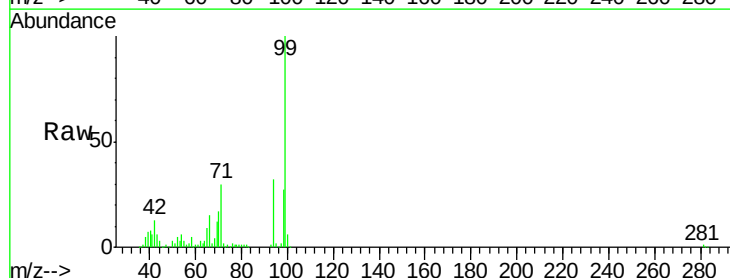
Tgt Ion: 94 Resp: 44240

Ion Ratio Lower Upper

94 100

65 29.5 9.5 49.5

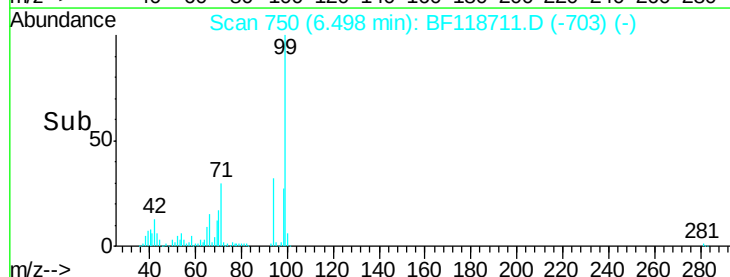
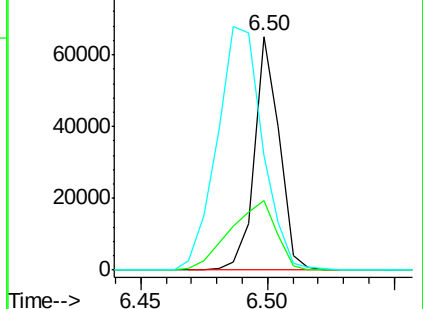
66 48.8 18.5 58.5

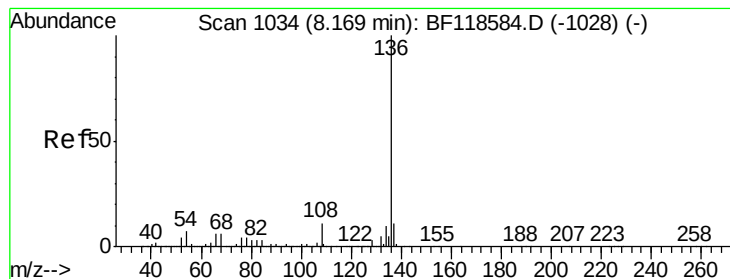


Abundance Ion 94.00 (93.70 to 94.70): BF1

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. -0.02 min

Lab File: BF118711.D

Acq: 25 Jan 2020 5:26

Instrument :

BNA_F

ClientSampleId :

EP-9

Tot Ion:136 Resp: 845558

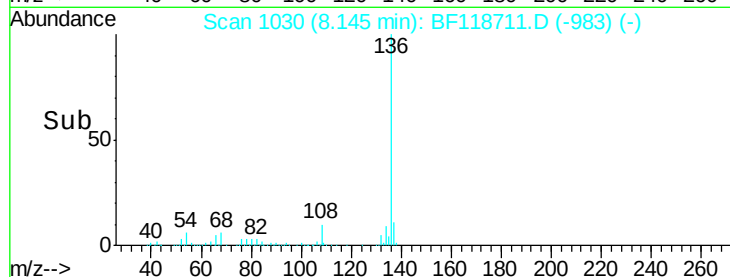
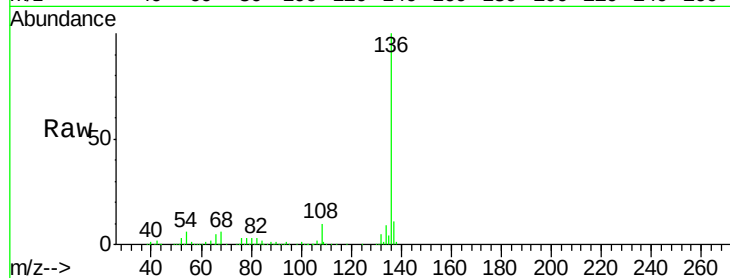
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.4 5.8 8.6

68 5.7 5.0 7.4

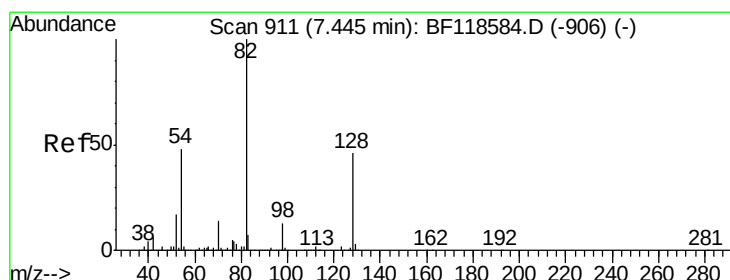
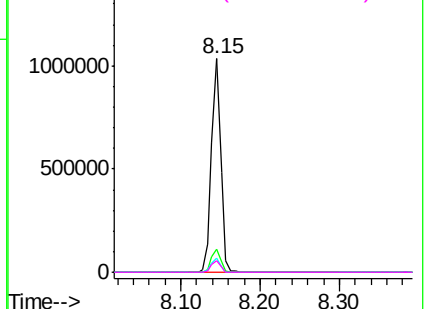


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.545 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118711.D

Acq: 25 Jan 2020 5:26

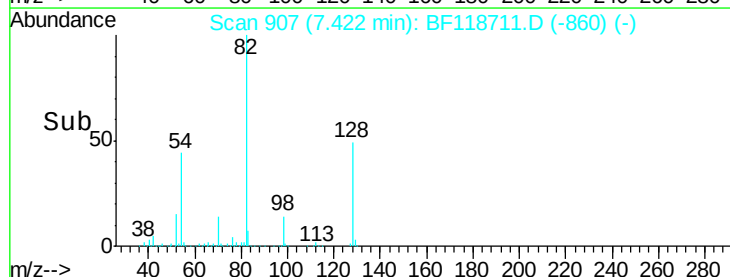
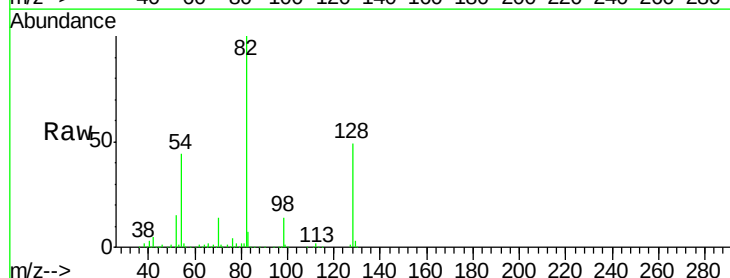
Tgt Ion: 82 Resp: 930373

Ion Ratio Lower Upper

82 100

128 49.1 36.6 54.8

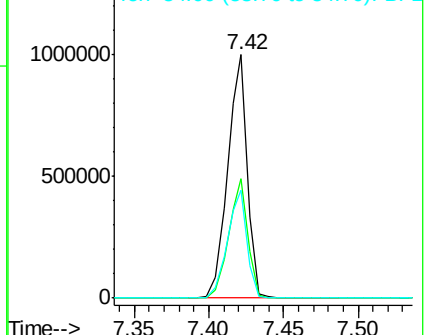
54 44.2 38.0 57.0

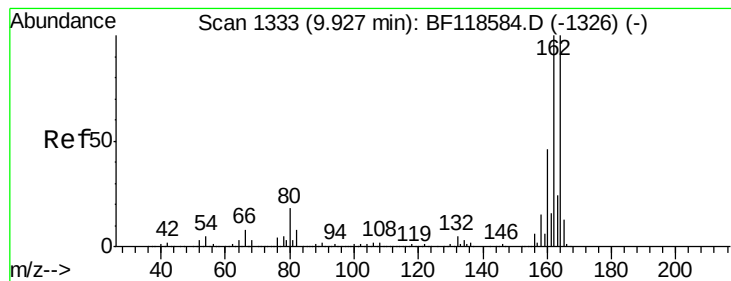


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.90 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF118711.D

Acq: 25 Jan 2020 5:26

Instrument :

BNA_F

ClientSampleId :

EP-9

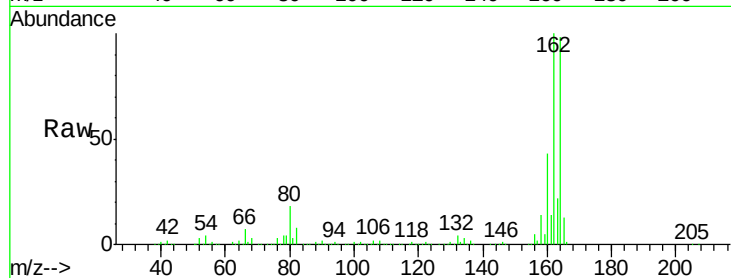
Tot Ion:164 Resp: 411574

Ion Ratio Lower Upper

164 100

162 101.8 80.4 120.6

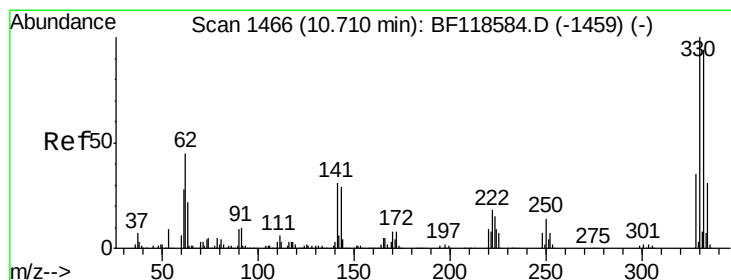
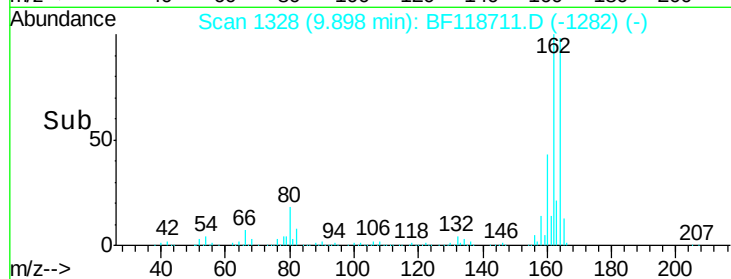
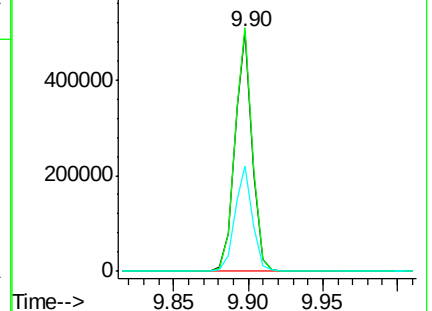
160 44.2 36.6 55.0



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: 81.947 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.03 min

Lab File: BF118711.D

Acq: 25 Jan 2020 5:26

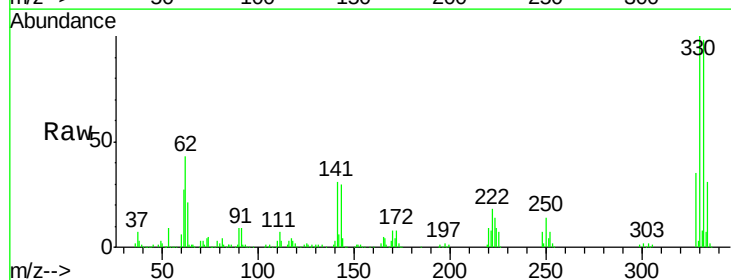
Tgt Ion:330 Resp: 390100

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

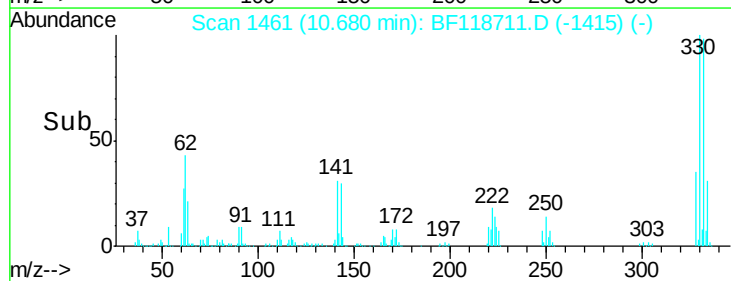
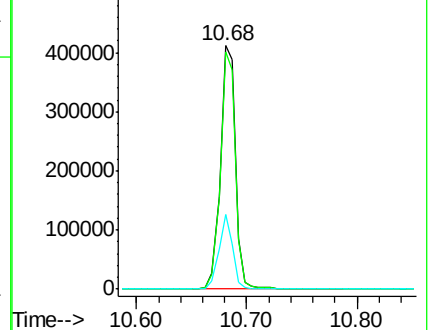
141 27.4 23.9 35.9

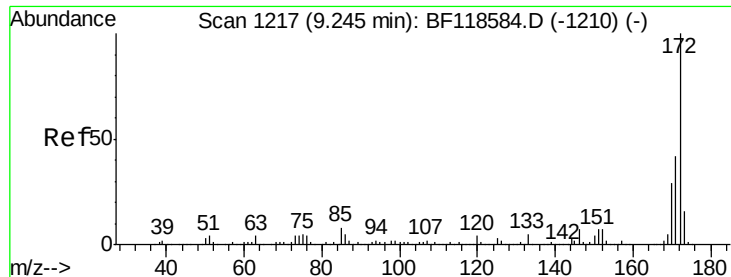


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

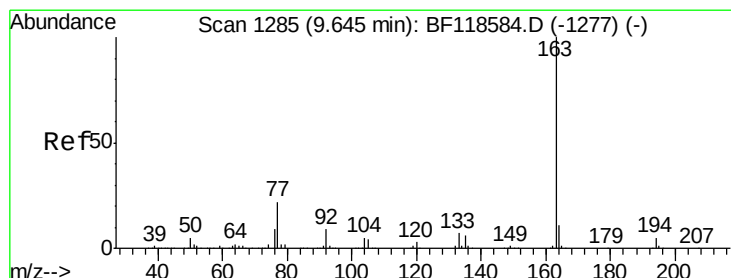
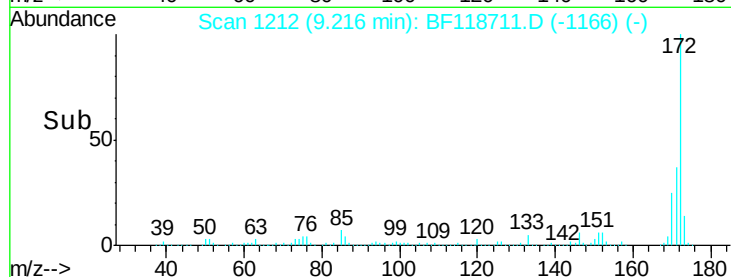
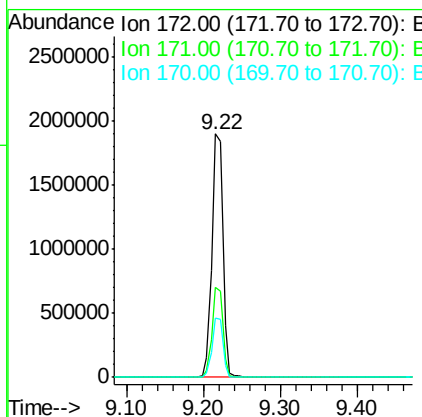
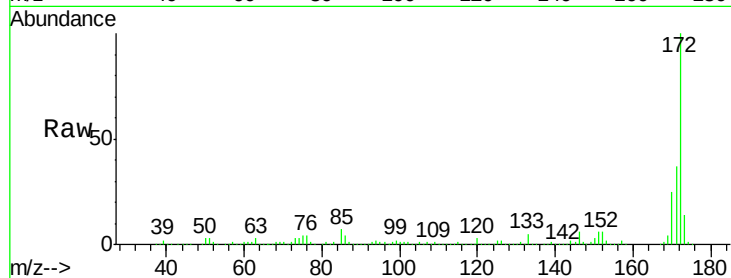




#45
2-Fluorobiphenyl
Concen: 73.868 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF118711.D
Acq: 25 Jan 2020 5:26

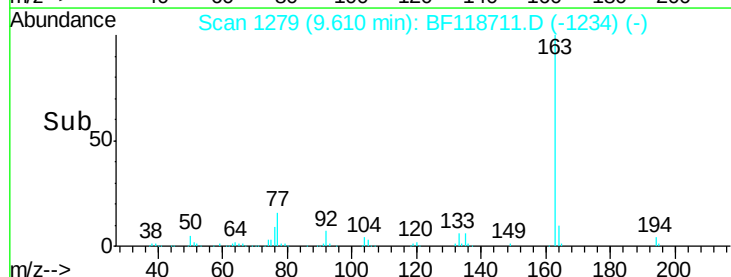
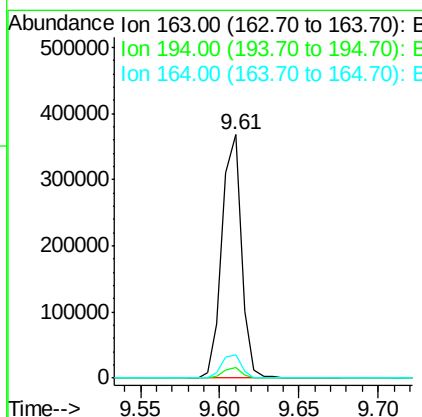
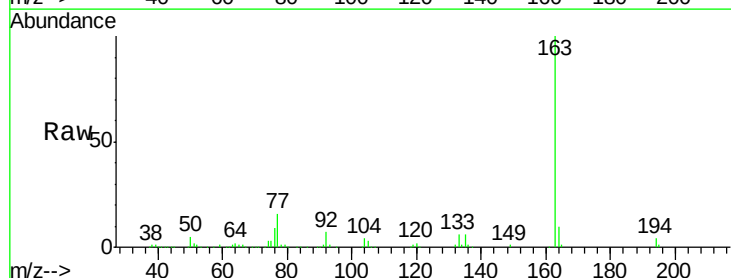
Instrument :
BNA_F
ClientSampleId :
EP-9

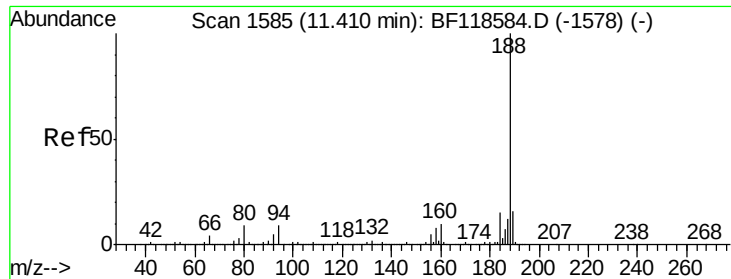
Tot Ion:172 Resp: 1849707
Ion Ratio Lower Upper
172 100
171 36.9 33.4 50.2
170 24.5 23.2 34.8



#50
Dimethylphthalate
Concen: 11.760 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BF118711.D
Acq: 25 Jan 2020 5:26

Tgt Ion:163 Resp: 315334
Ion Ratio Lower Upper
163 100
194 4.4 3.9 5.9
164 9.8 9.1 13.7

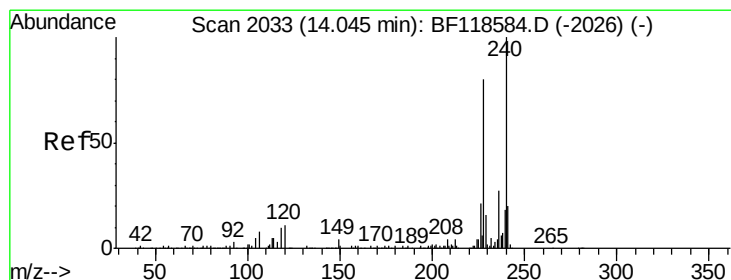
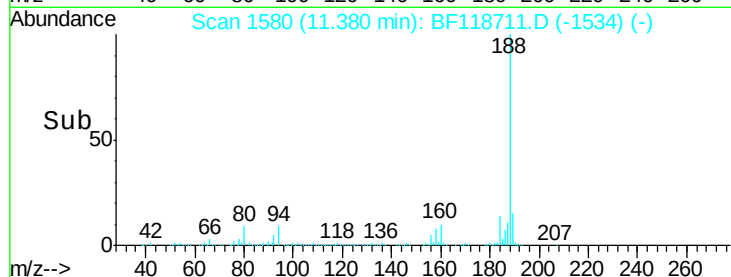
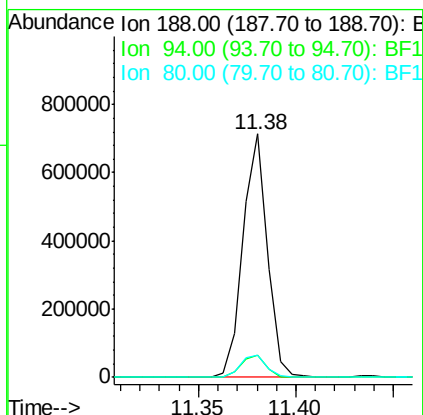
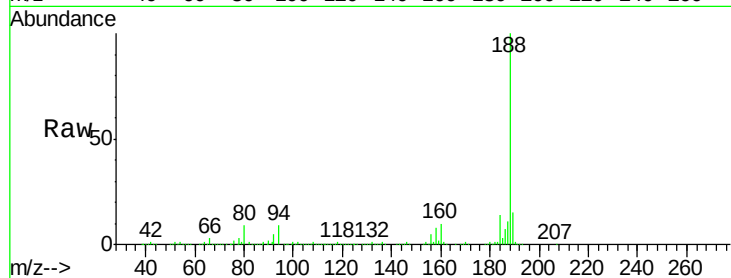




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118711.D
Acq: 25 Jan 2020 5:26

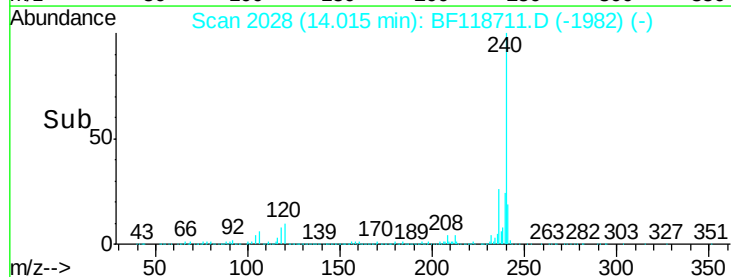
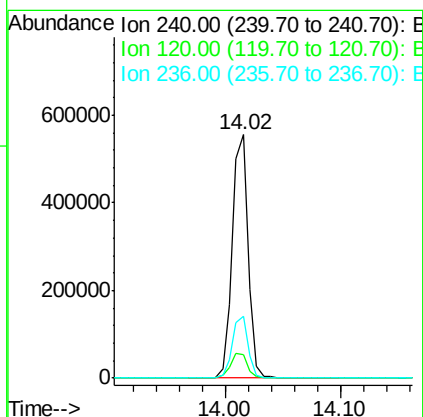
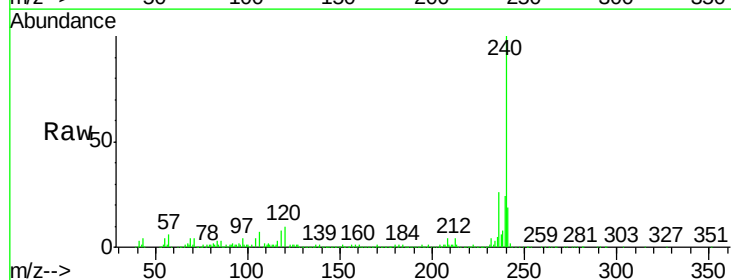
Instrument :
BNA_F
ClientSampleId :
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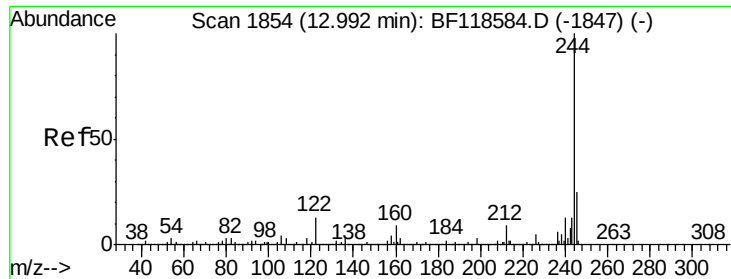
Tot Ion:188 Resp: 616898
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 9.3 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118711.D
Acq: 25 Jan 2020 5:26

Tgt Ion:240 Resp: 526920
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 25.6 21.5 32.3





#79

Terphenyl-d14

Concen: 69.251 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BF118711.D

Acq: 25 Jan 2020 5:26

Instrument :

BNA_F

ClientSampleId :

EP-9

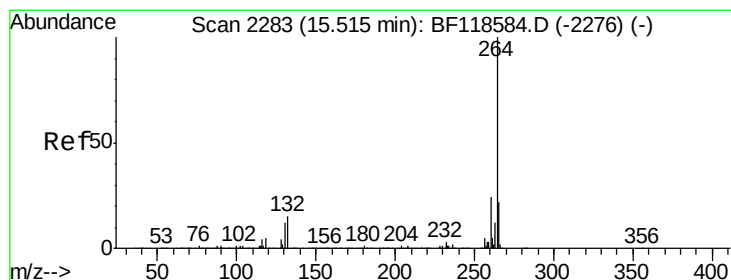
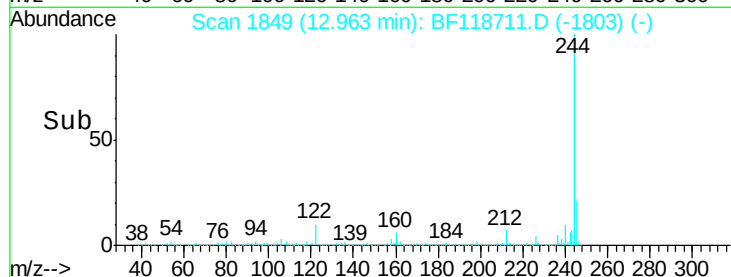
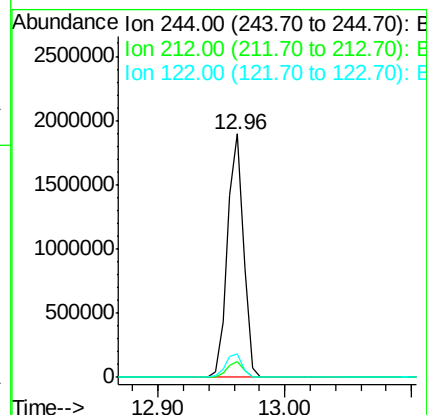
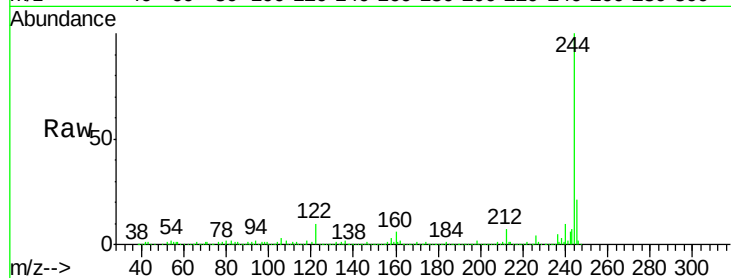
Tot Ion:244 Resp: 1672990

Ion Ratio Lower Upper

244 100

212 6.7 7.0 10.4#

122 9.7 10.7 16.1#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.04 min

Lab File: BF118711.D

Acq: 25 Jan 2020 5:26

Tgt Ion:264 Resp: 650045

Ion Ratio Lower Upper

264 100

260 23.3 19.6 29.4

265 21.6 17.7 26.5

