

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
 Data File : BF118720.D
 Acq On : 27 Jan 2020 15:46
 Operator : CG/JU
 Sample : L1258-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Jan 27 16:54:37 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 27 14:24:10 2020
 Response via : Initial Calibration

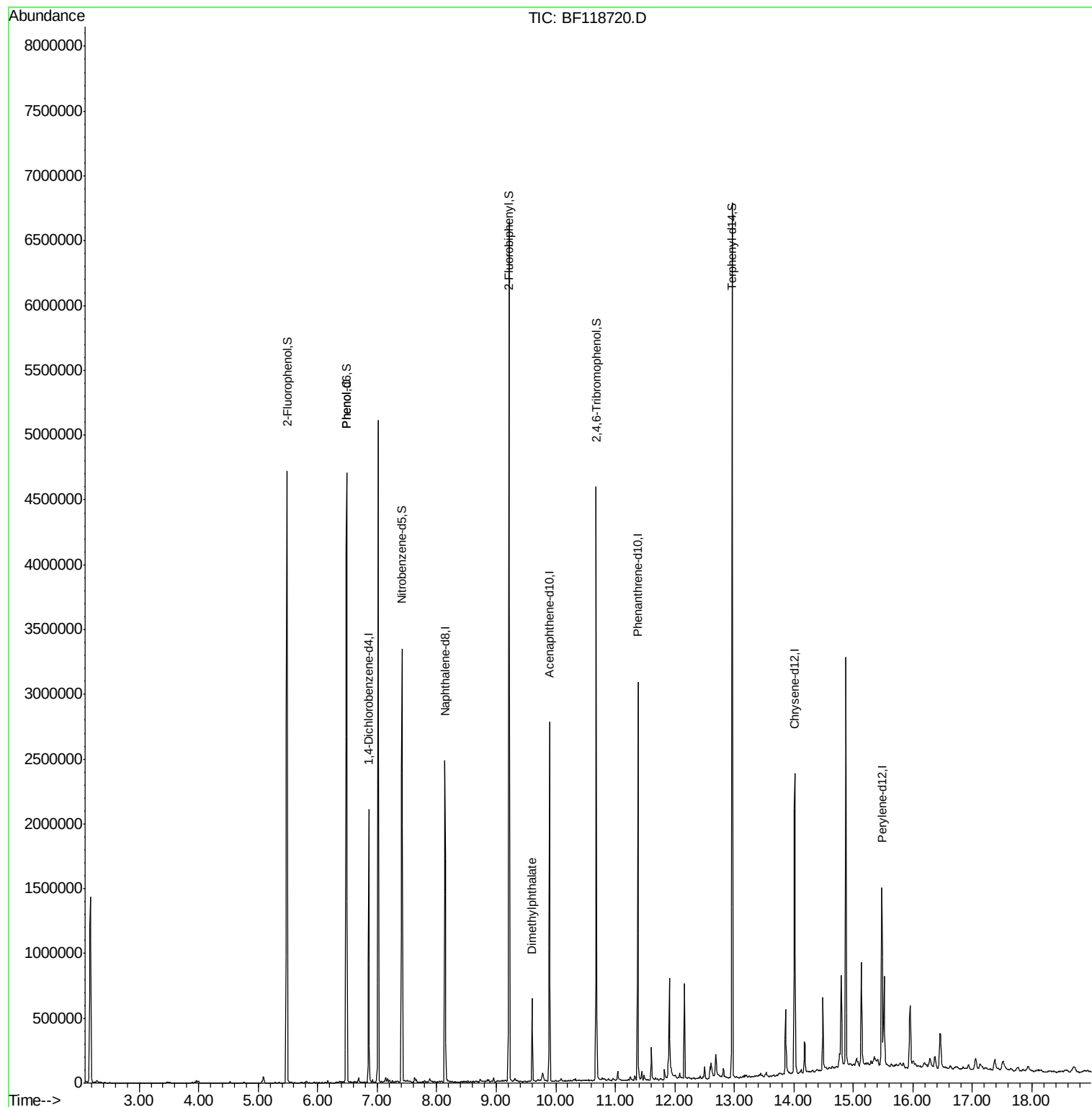
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	314350	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1158989	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	620992	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1111862	20.00	ng	0.00
76) Chrysene-d12	14.02	240	770719	20.00	ng	0.00
87) Perylene-d12	15.48	264	698035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1509226	89.17	ng	0.00
7) Phenol-d6	6.49	99	1831161	83.24	ng	0.00
23) Nitrobenzene-d5	7.42	82	1151225	55.56	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	615952	85.76	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2116572	56.02	ng	0.00
79) Terphenyl-d14	12.96	244	2423252	68.58	ng	0.00
Target Compounds						
10) Phenol	6.49	94	57432	2.291	ng	Qvalue # 73
50) Dimethylphthalate	9.60	163	244350	6.040	ng	100

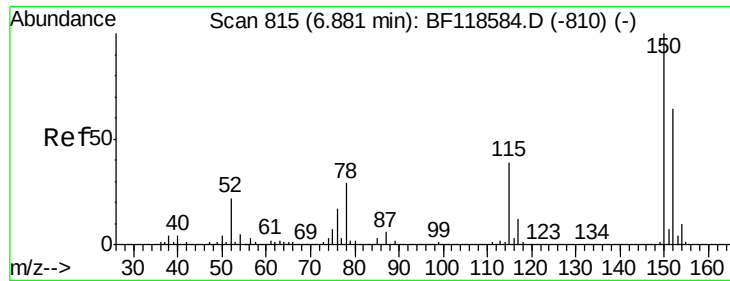
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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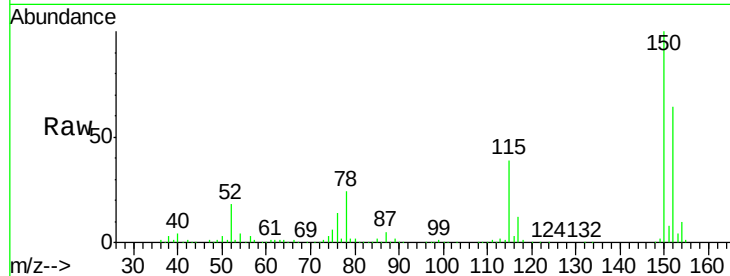


#1

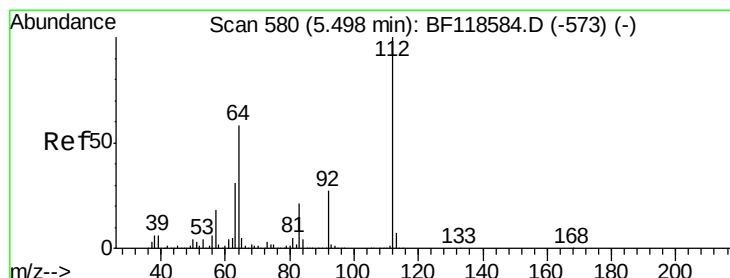
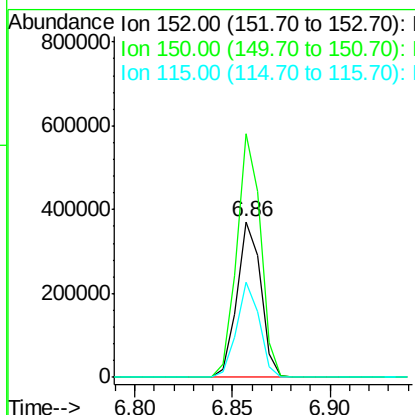
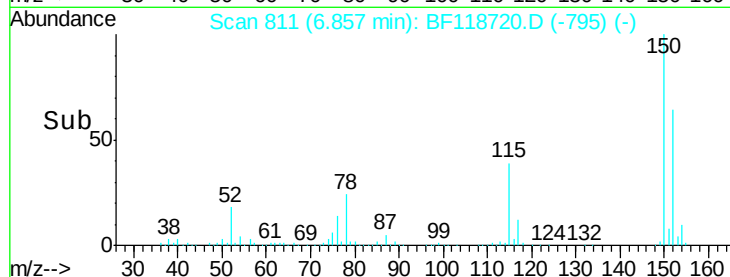
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118720.D
Acq: 27 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion:152 Resp: 314350
Ion Ratio Lower Upper
152 100
150 156.7 123.7 185.5
115 61.2 45.1 67.7



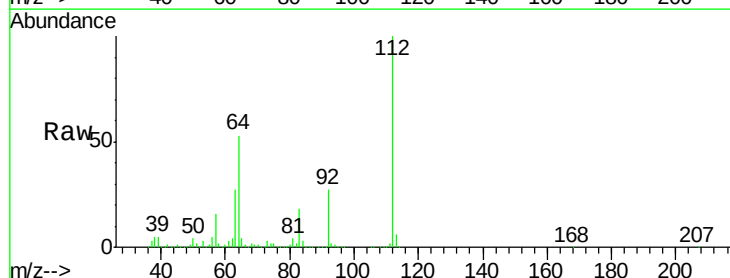
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



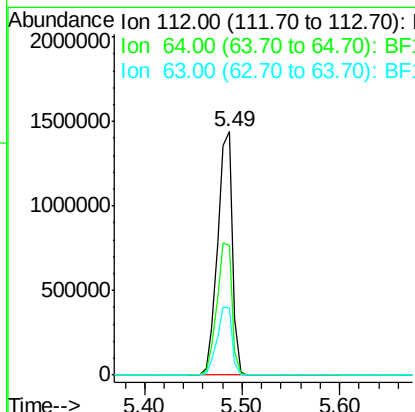
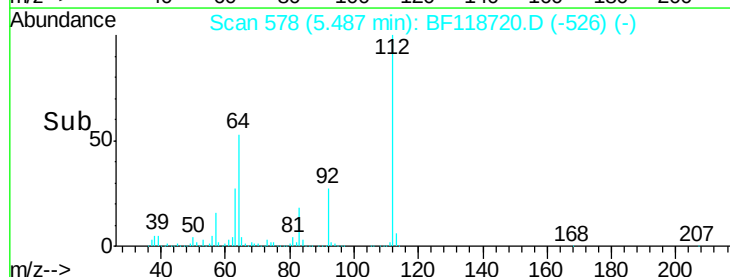
#5

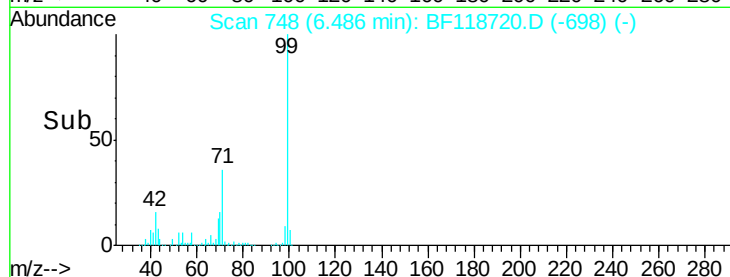
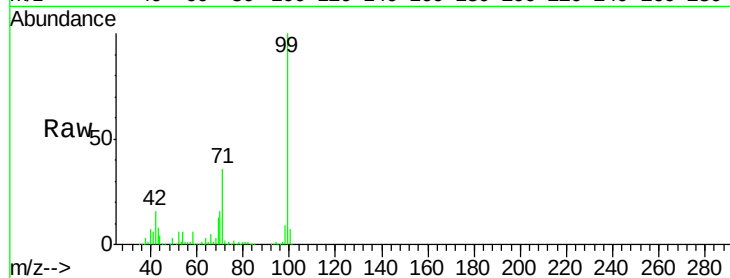
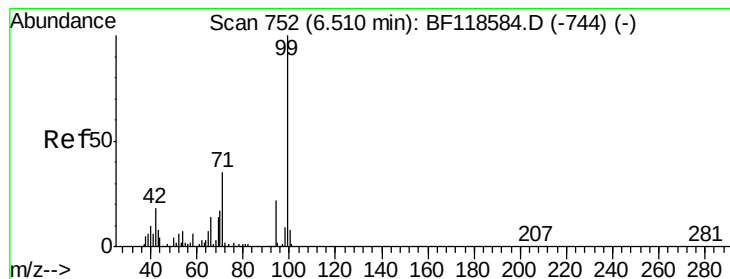
2-Fluorophenol
Concen: 89.169 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118720.D
Acq: 27 Jan 2020 15:46

Tgt Ion:112 Resp: 1509226
Ion Ratio Lower Upper
112 100
64 53.2 42.4 63.6
63 27.5 21.7 32.5



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: 83.239 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118720.D

Acq: 27 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

SP-1

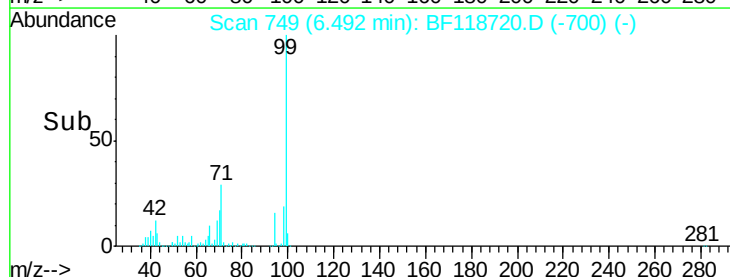
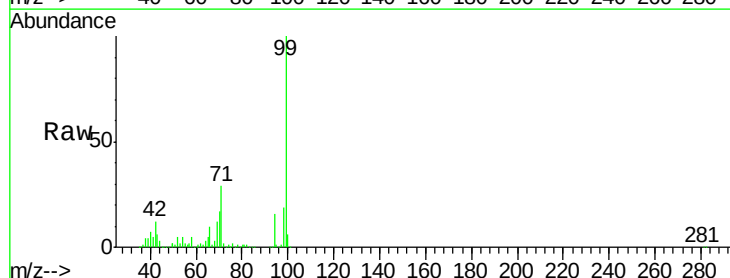
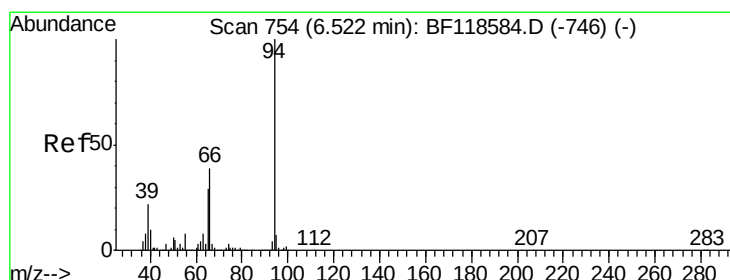
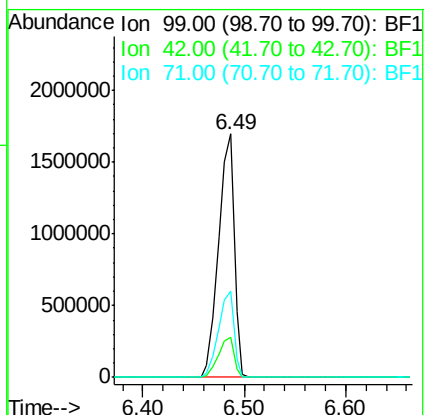
Tot Ion: 99 Resp: 1831161

Ion Ratio Lower Upper

99 100

42 16.3 13.1 19.7

71 35.6 28.4 42.6



#10

Phenol

Concen: 2.291 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118720.D

Acq: 27 Jan 2020 15:46

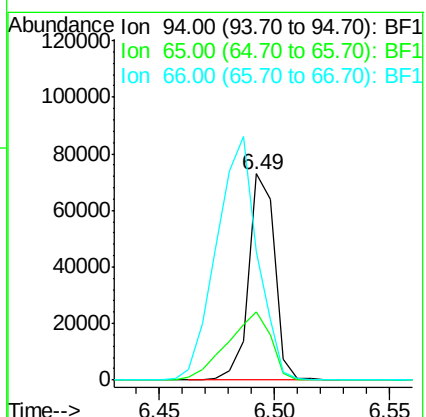
Tgt Ion: 94 Resp: 57432

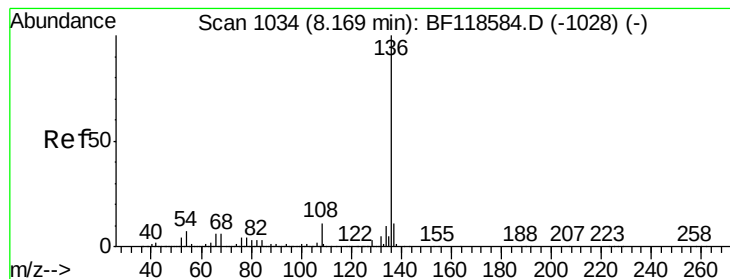
Ion Ratio Lower Upper

94 100

65 33.2 7.9 47.9

66 62.5 19.1 59.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF118720.D

Acq: 27 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

SP-1

Tot Ion:136 Resp: 1158989

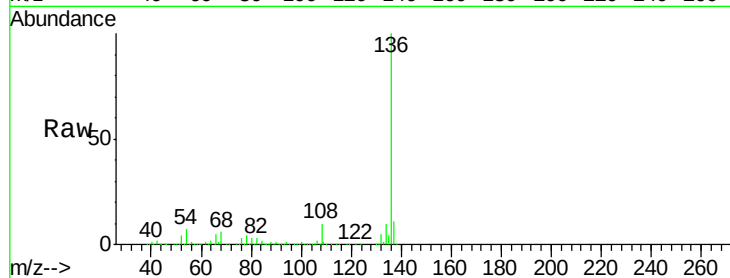
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.9 5.1 7.7

68 5.7 4.3 6.5

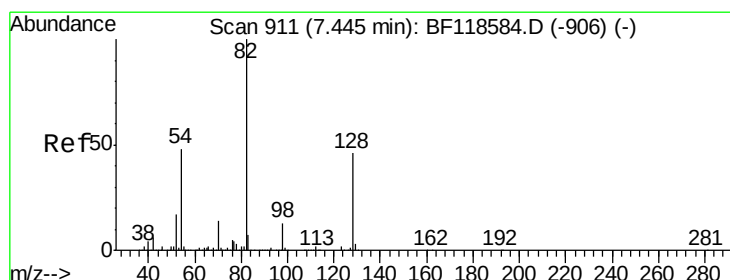
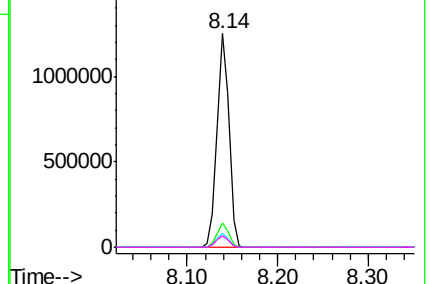
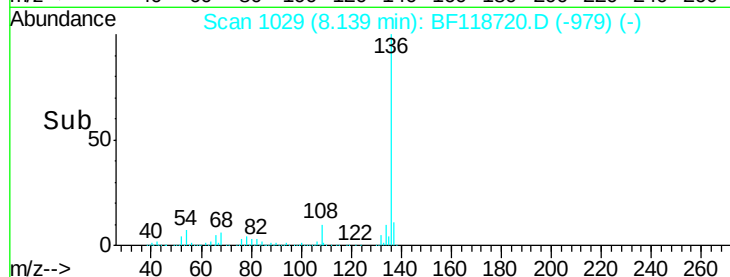


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.559 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF118720.D

Acq: 27 Jan 2020 15:46

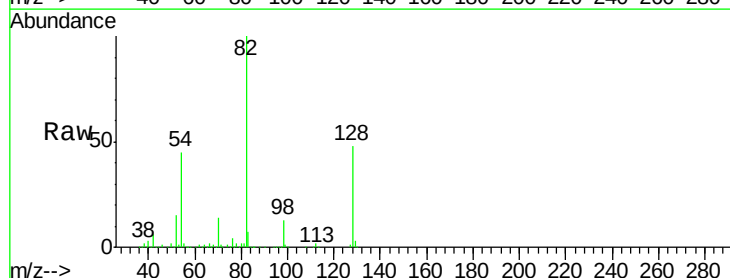
Tgt Ion: 82 Resp: 1151225

Ion Ratio Lower Upper

82 100

128 48.1 38.2 57.2

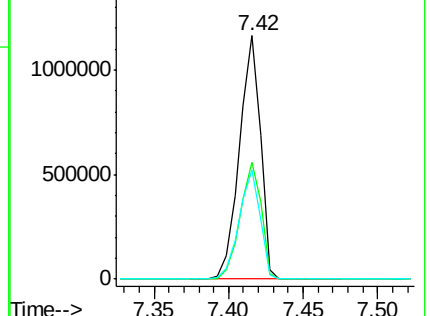
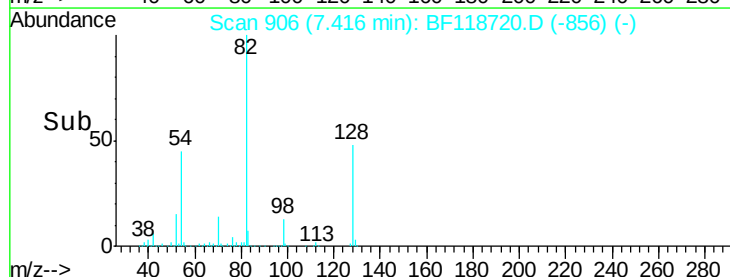
54 44.9 36.1 54.1

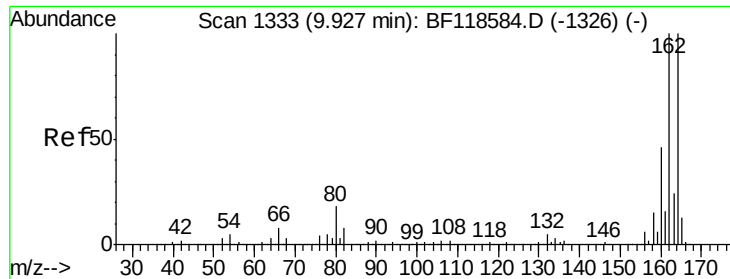


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF118720.D

Acq: 27 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

SP-1

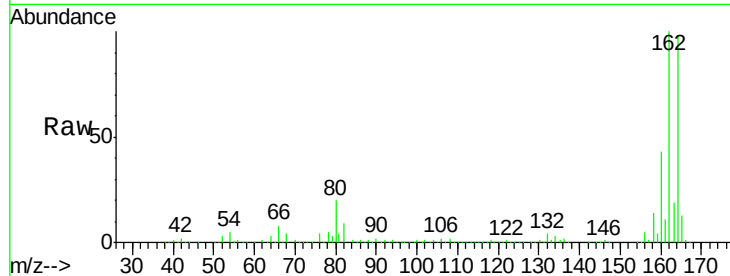
Tot Ion:164 Resp: 620992

Ion Ratio Lower Upper

164 100

162 102.4 80.8 121.2

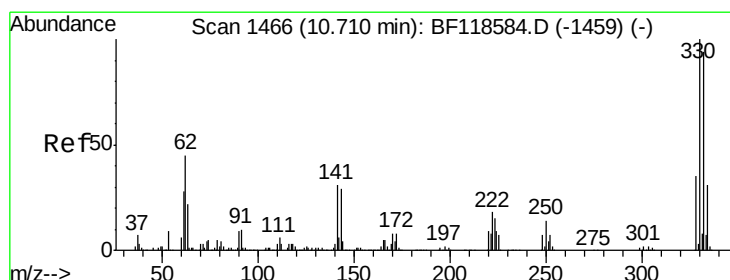
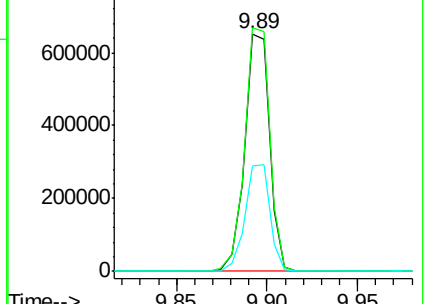
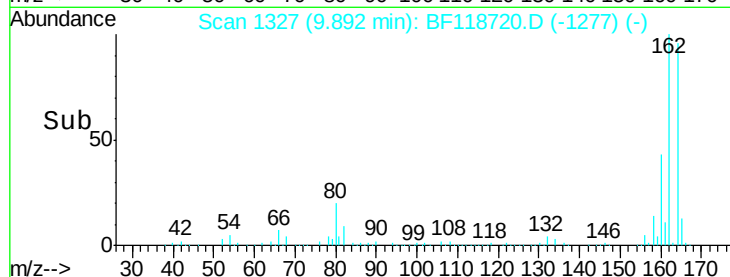
160 44.1 35.4 53.0



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: 85.757 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF118720.D

Acq: 27 Jan 2020 15:46

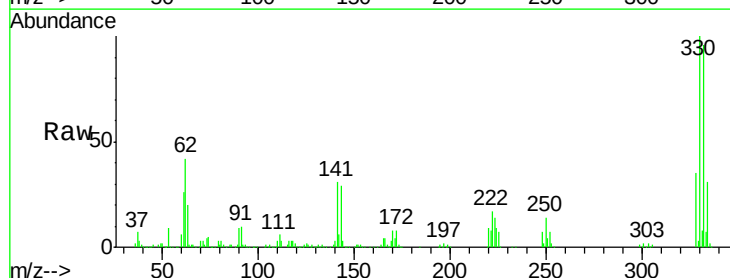
Tgt Ion:330 Resp: 615952

Ion Ratio Lower Upper

330 100

332 95.6 77.6 116.4

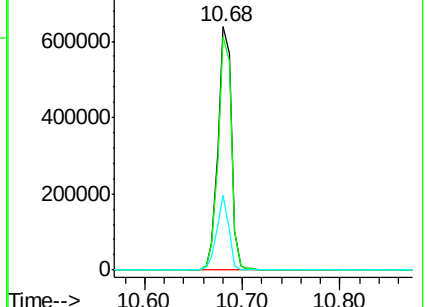
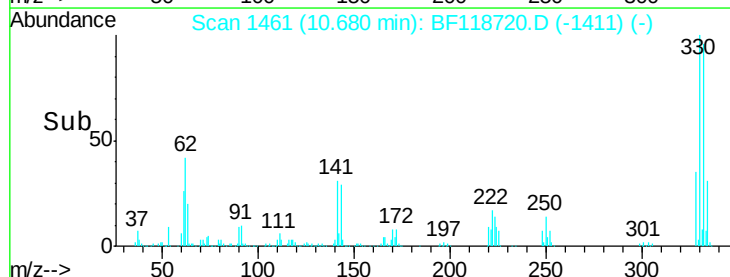
141 27.7 22.2 33.2

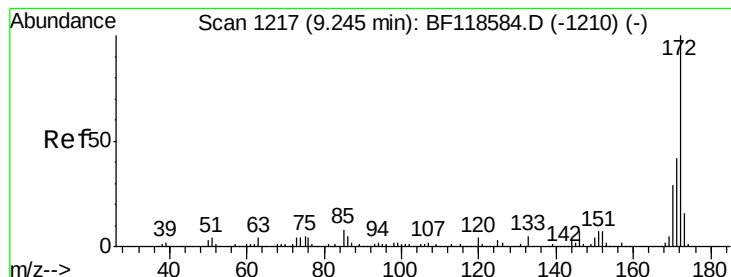


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 56.021 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF118720.D

Acq: 27 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

SP-1

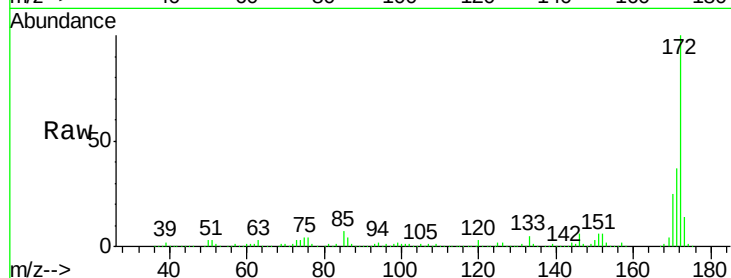
Tot Ion:172 Resp: 2116572

Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	24.8	20.7	31.1

172 100

171 37.1 31.0 46.4

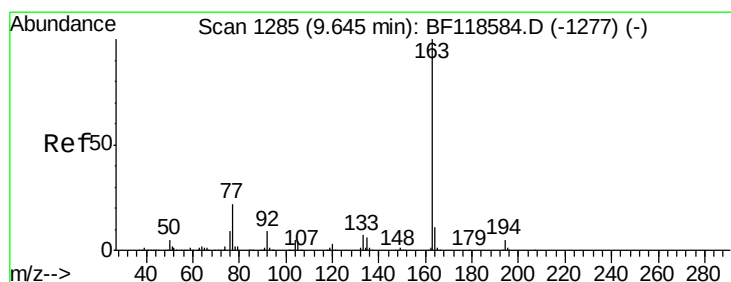
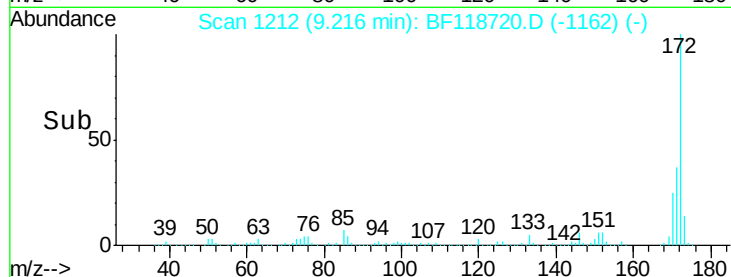
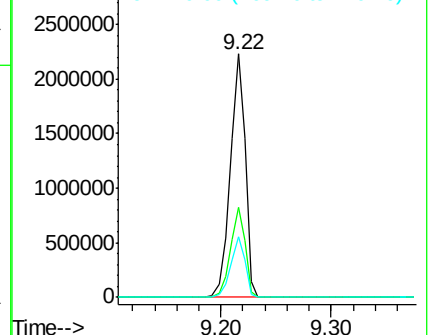
170 24.8 20.7 31.1



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: 6.040 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF118720.D

Acq: 27 Jan 2020 15:46

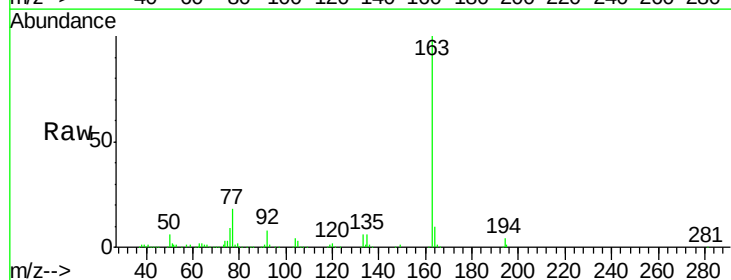
Tgt Ion:163 Resp: 244350

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	10.2	8.2	12.2

163 100

194 4.3 3.7 5.5

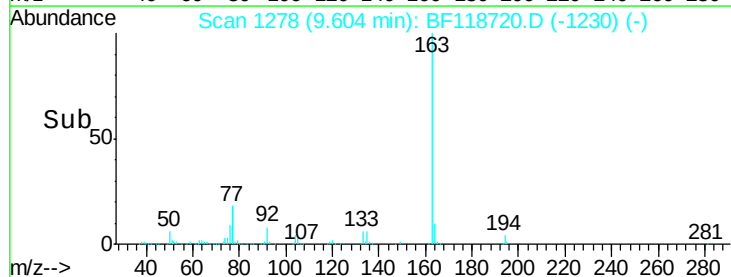
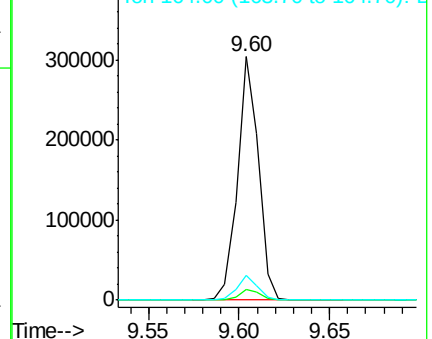
164 10.2 8.2 12.2

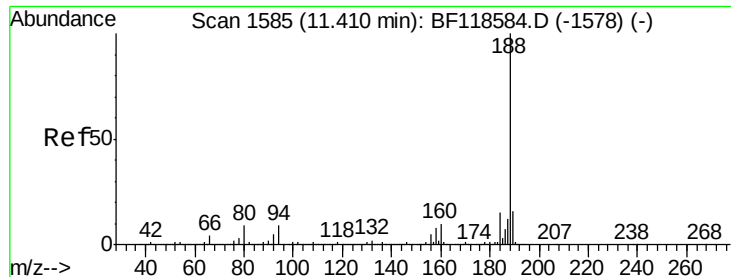


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

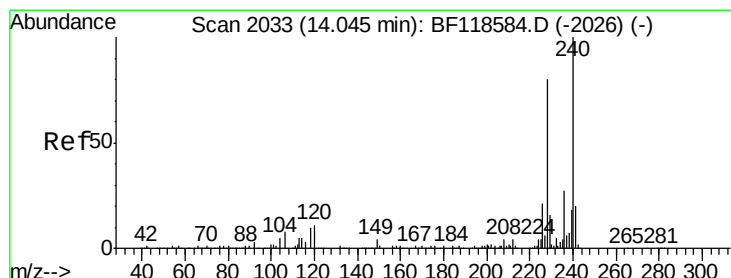
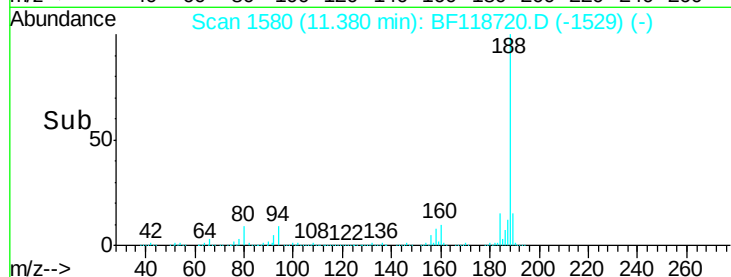
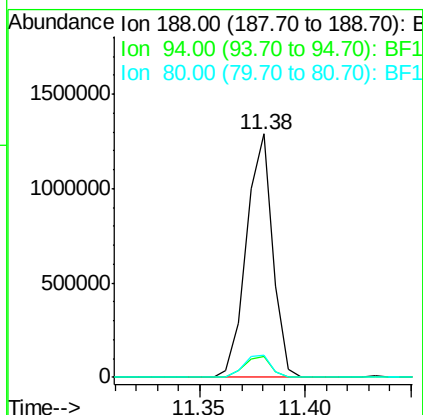
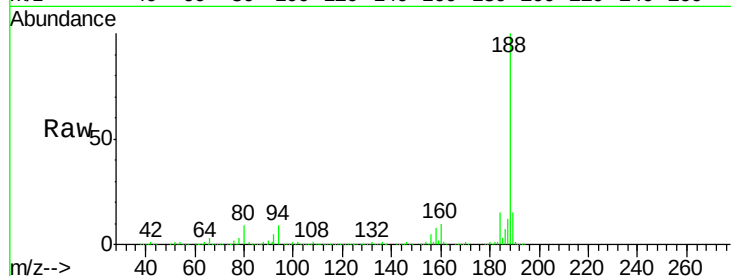




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF118720.D
Acq: 27 Jan 2020 15:46

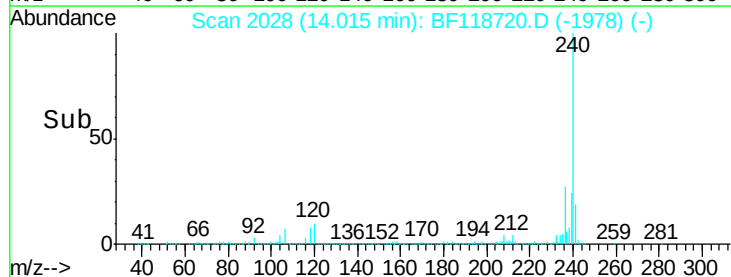
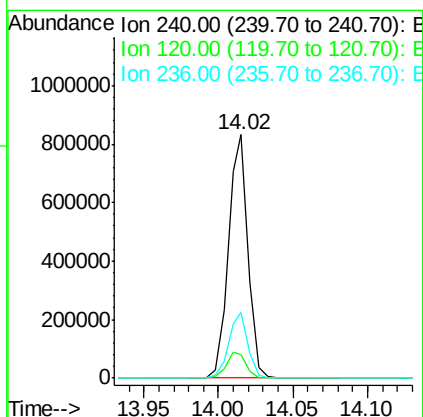
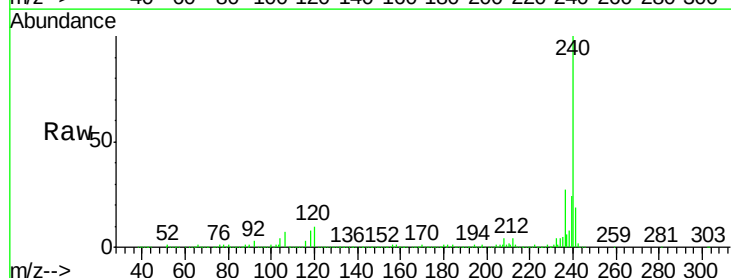
Instrument :
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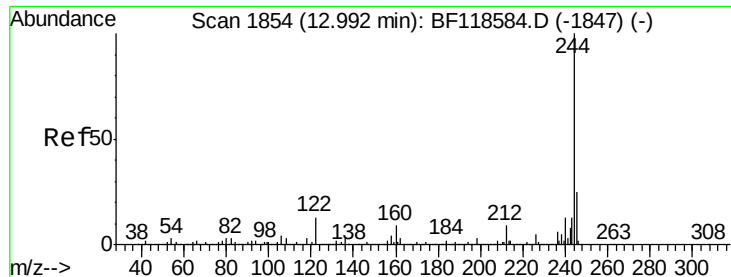
Tot Ion:188 Resp: 1111862
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.1 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF118720.D
Acq: 27 Jan 2020 15:46

Tgt Ion:240 Resp: 770719
Ion Ratio Lower Upper
240 100
120 9.7 7.6 11.4
236 26.8 21.0 31.4

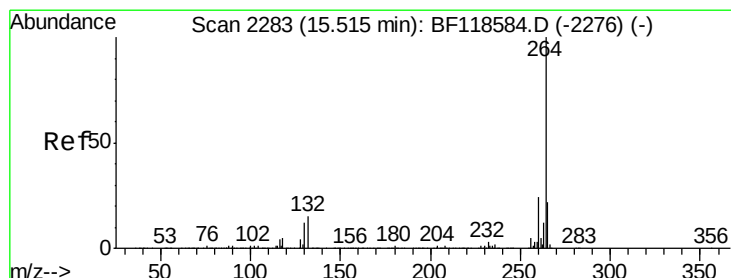
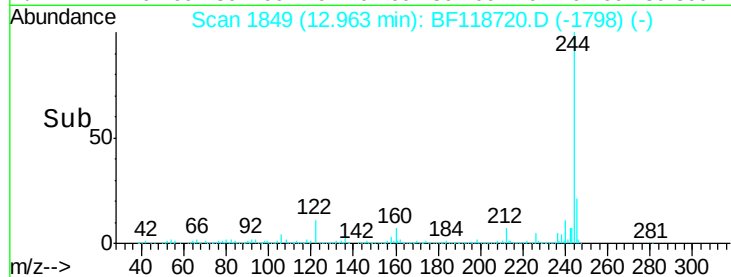
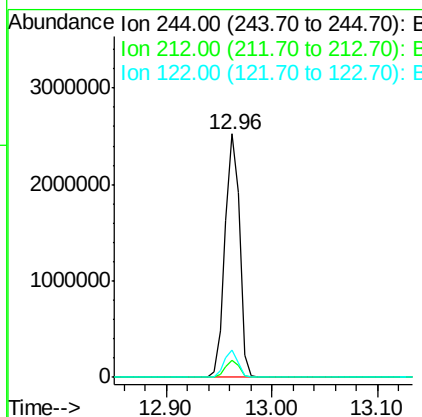
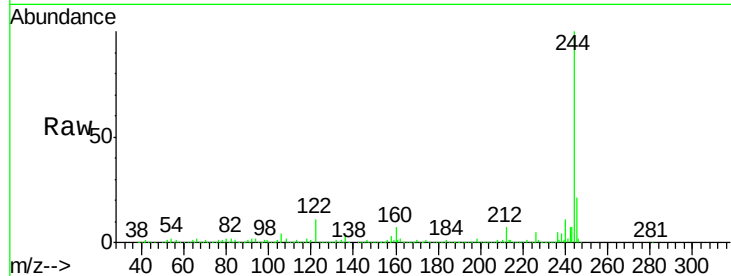




#79
 Terphenyl-d14
 Concen: 68.577 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF118720.D
 Acq: 27 Jan 2020 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion:244 Resp: 2423252
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 11.2 9.2 13.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BF118720.D
 Acq: 27 Jan 2020 15:46

Tgt Ion:264 Resp: 698035
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.3 17.0 25.6

