

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118704.D
 Acq On : 24 Jan 2020 23:55
 Operator : CG/JU
 Sample : L1242-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200055-COMPOSITE-1

Quant Time: Jan 27 03:10:24 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

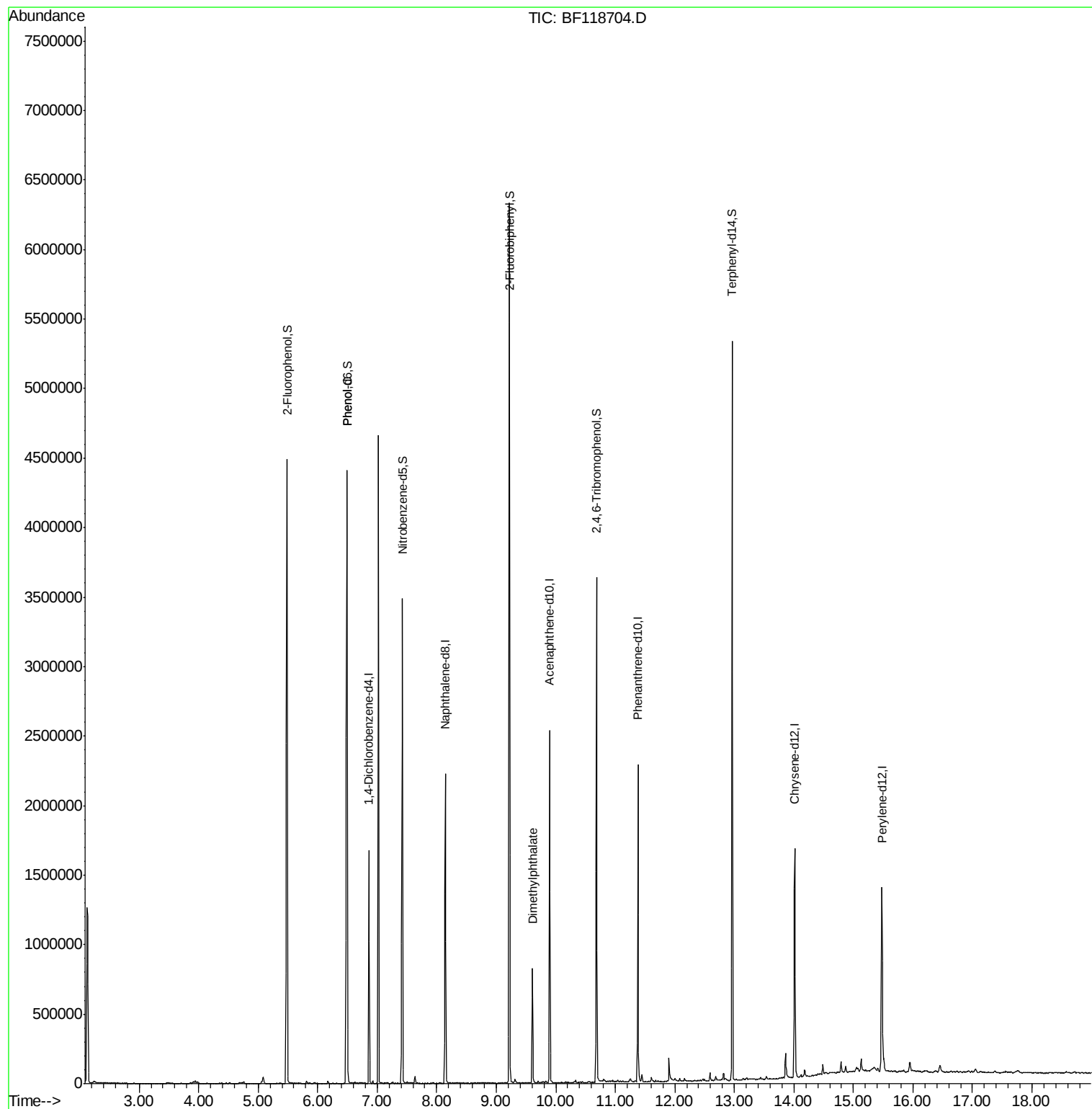
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	236478	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	921946	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	485289	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	798553	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	535379	20.00	ng	-0.03
87) Perylene-d12	15.48	264	656971	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1413094	110.98	ng	-0.01
7) Phenol-d6	6.49	99	1698889	102.66	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1085788	65.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	524198	93.39	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	1973494	66.84	ng	-0.02
79) Terphenyl-d14	12.96	244	1792552	73.03	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	87619	4.646	ng	84
50) Dimethylphthalate	9.61	163	320935	10.151	ng	97

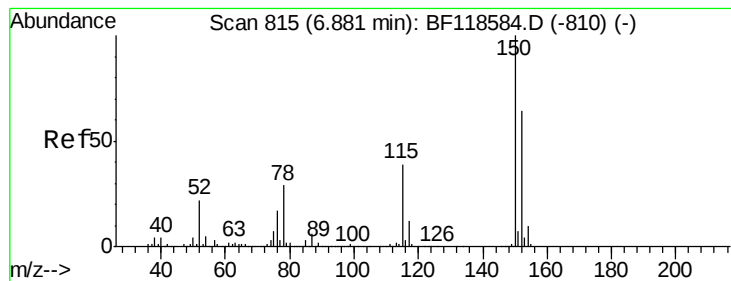
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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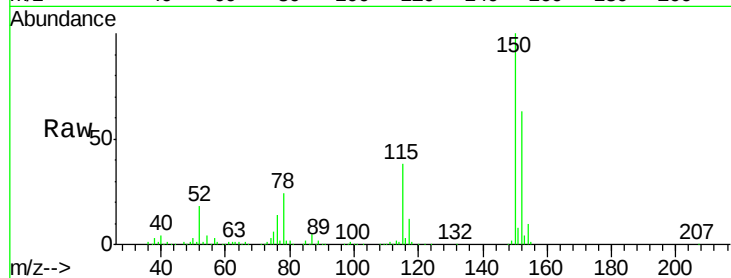


#1

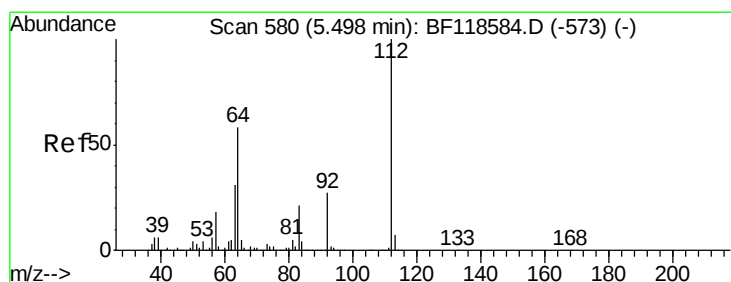
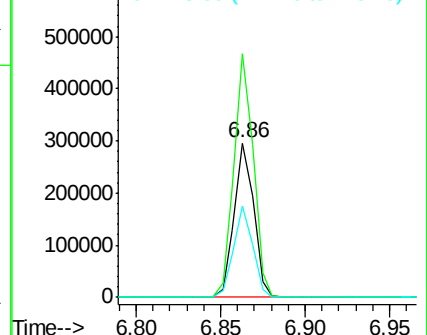
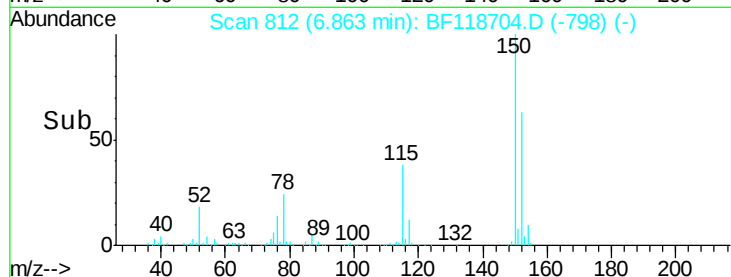
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118704.D
Acq: 24 Jan 2020 23:55

Instrument :
BNA_F
ClientSampleId :
20200055-COMPOSITE-1

Tot Ion:152 Resp: 236478
Ion Ratio Lower Upper
152 100
150 157.7 125.6 188.4
115 59.4 48.4 72.6



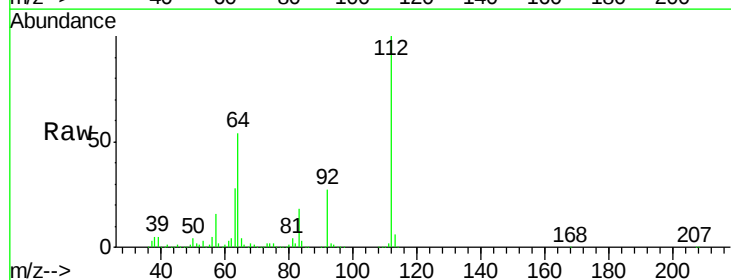
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



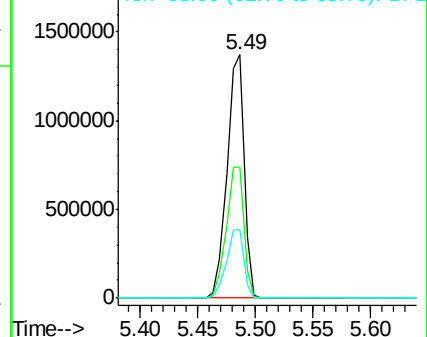
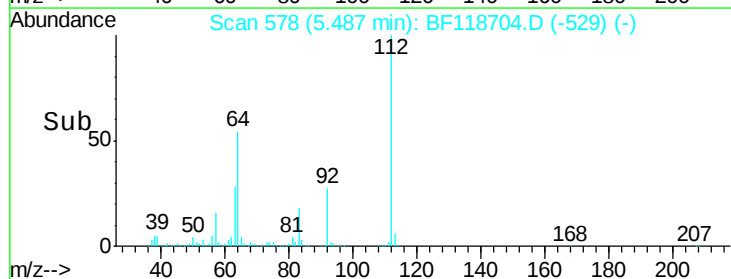
#5

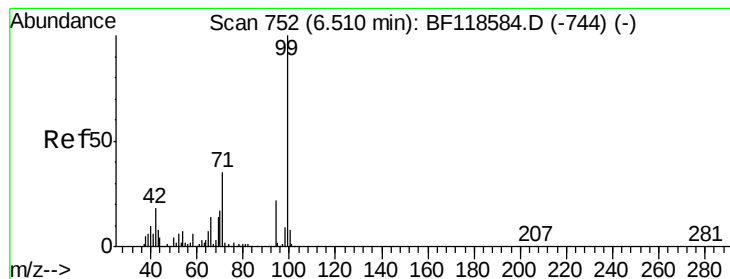
2-Fluorophenol
Concen: 110.982 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118704.D
Acq: 24 Jan 2020 23:55

Tgt Ion:112 Resp: 1413094
Ion Ratio Lower Upper
112 100
64 53.7 46.6 70.0
63 27.8 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: 102.657 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118704.D

Acq: 24 Jan 2020 23:55

Instrument :

BNA_F

ClientSampleId :

20200055-COMPOSITE-1

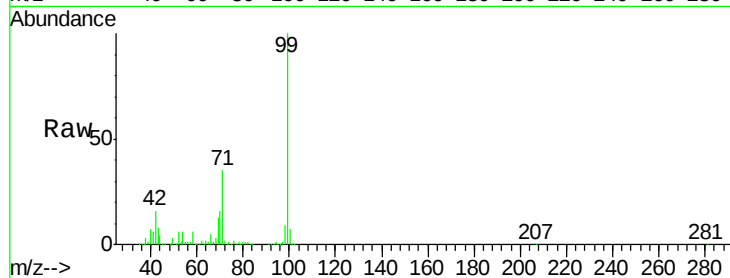
Tot Ion: 99 Resp: 1698889

Ion Ratio Lower Upper

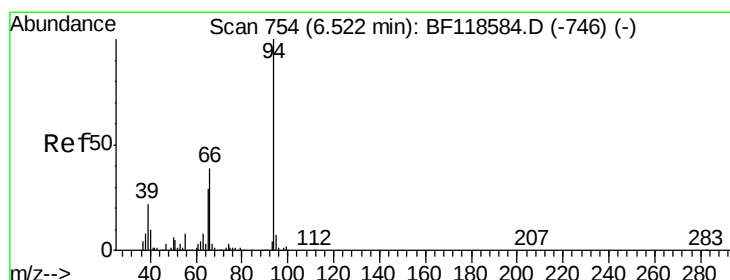
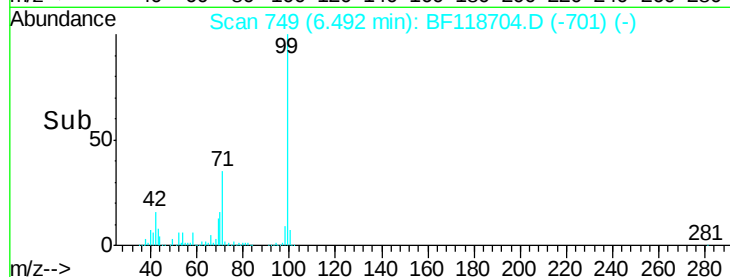
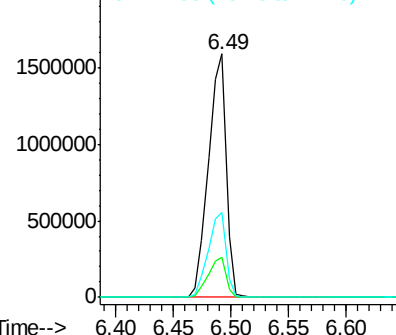
99 100

42 16.3 14.2 21.2

71 35.1 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: 4.646 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118704.D

Acq: 24 Jan 2020 23:55

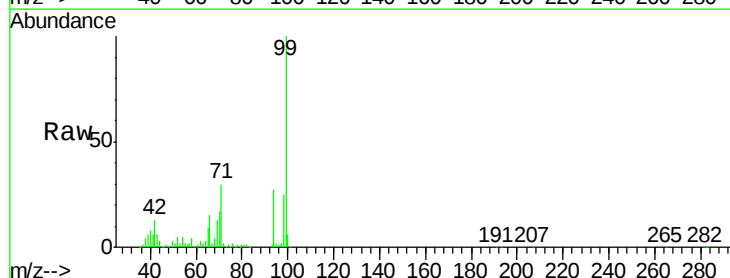
Tgt Ion: 94 Resp: 87619

Ion Ratio Lower Upper

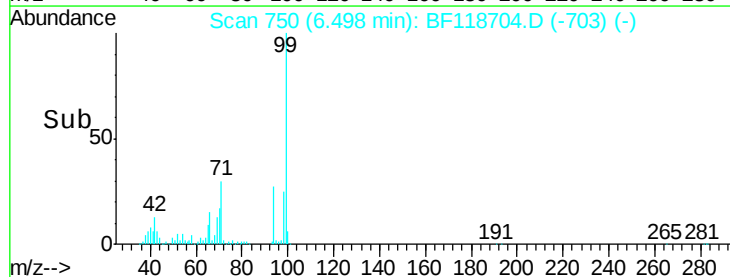
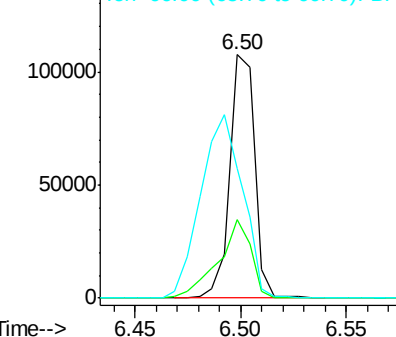
94 100

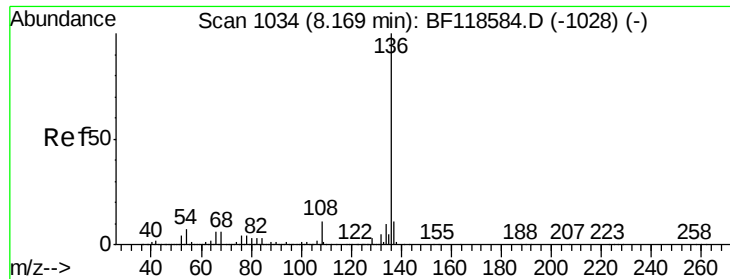
65 32.1 9.5 49.5

66 53.3 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

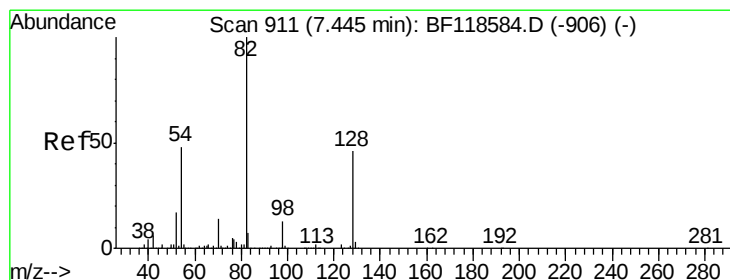
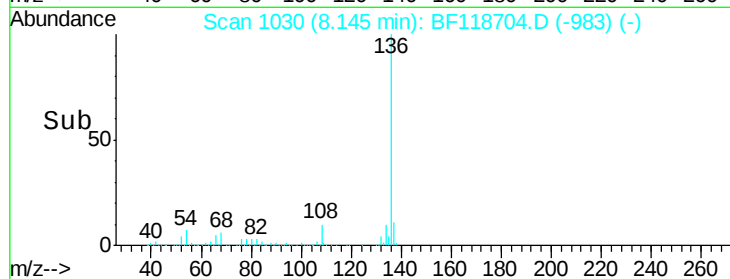
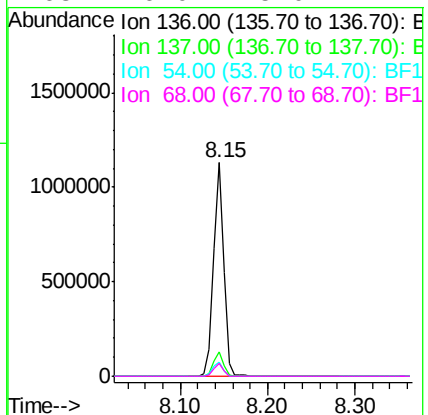
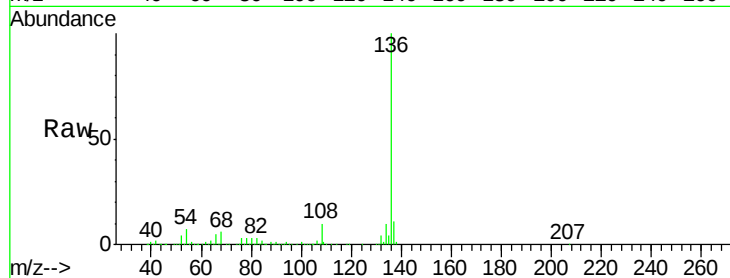




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118704.D
Acq: 24 Jan 2020 23:55

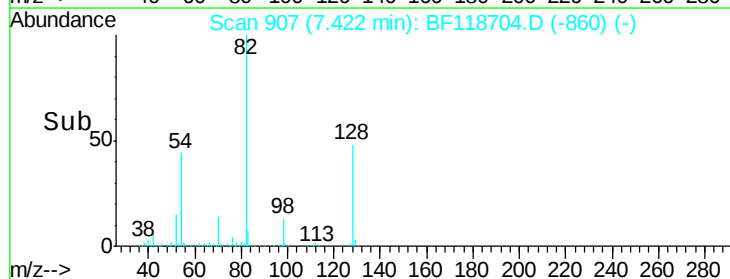
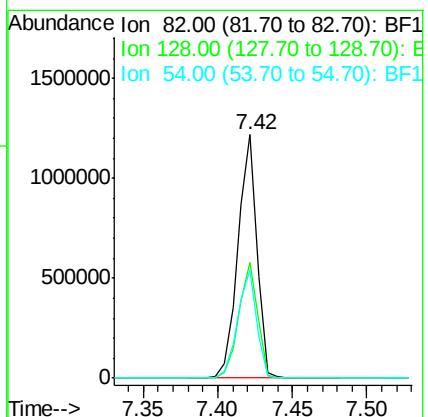
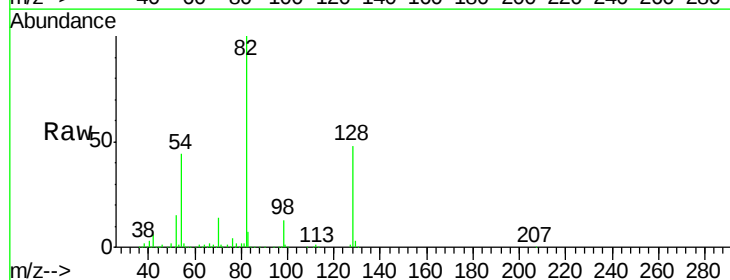
Instrument :
BNA_F
ClientSampleId :
20200055-COMPOSITE-1

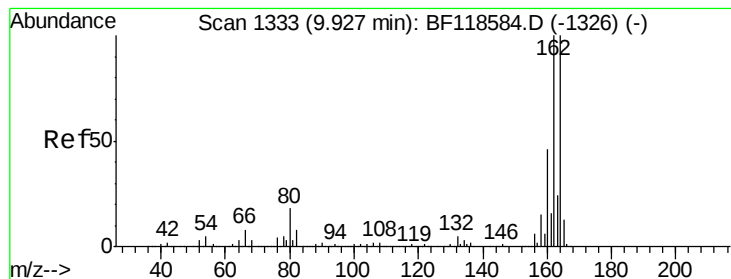
Tot Ion:136	Resp:	921946
Ion Ratio	Lower	Upper
136 100		
137 11.3	9.1	13.7
54 6.6	5.8	8.6
68 6.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 65.874 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118704.D
Acq: 24 Jan 2020 23:55

Tgt Ion: 82	Resp: 1085788
Ion Ratio	Lower Upper
82 100	
128 47.7	36.6 54.8
54 44.4	38.0 57.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF118704.D

Acq: 24 Jan 2020 23:55

Instrument :

BNA_F

ClientSampleId :

20200055-COMPOSITE-1

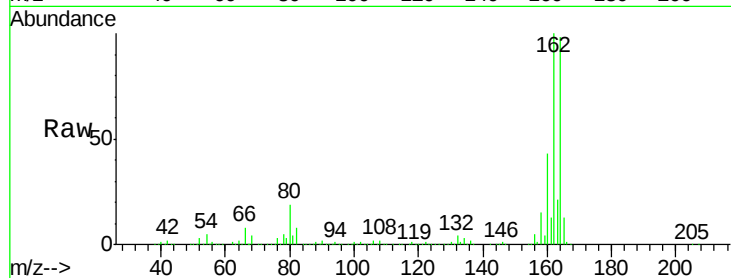
Tot Ion:164 Resp: 485289

Ion Ratio Lower Upper

164 100

162 101.6 80.4 120.6

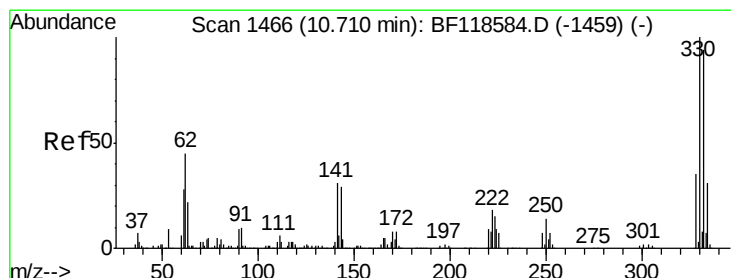
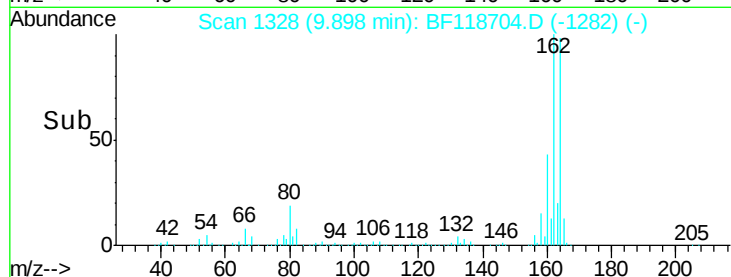
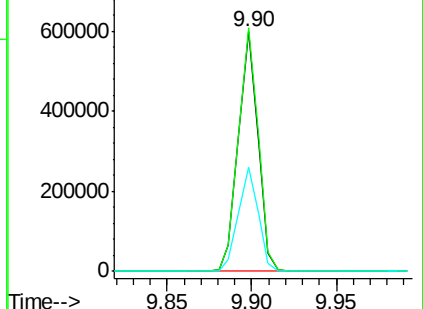
160 43.2 36.6 55.0



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: 93.390 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BF118704.D

Acq: 24 Jan 2020 23:55

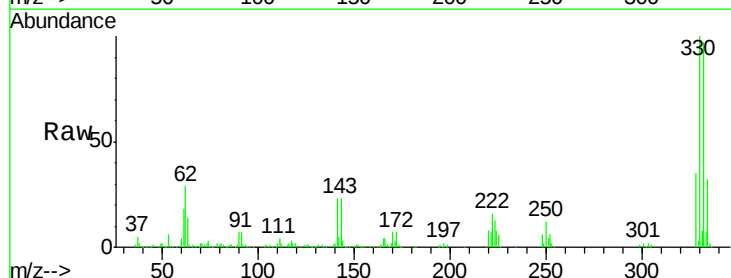
Tgt Ion:330 Resp: 524198

Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.4

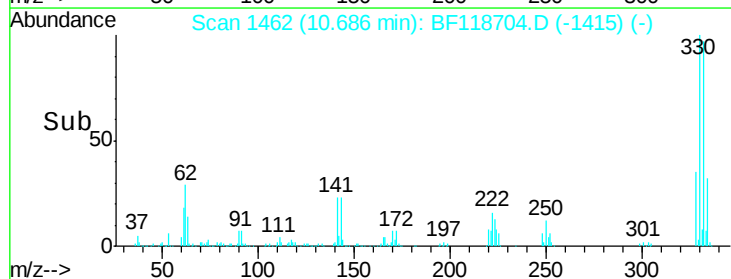
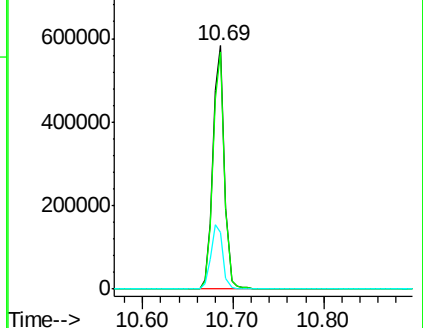
141 27.9 23.9 35.9

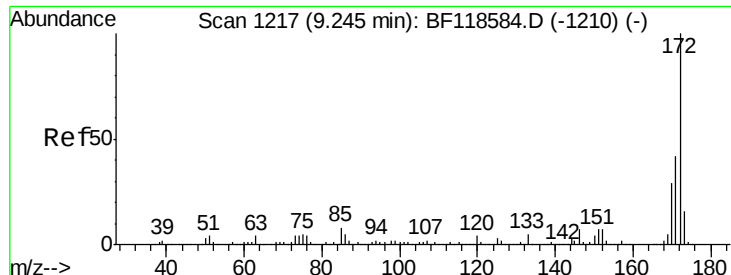


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

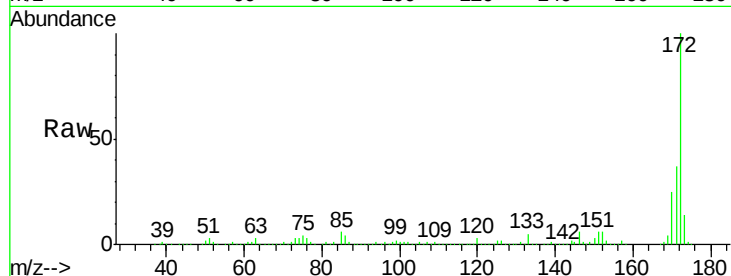




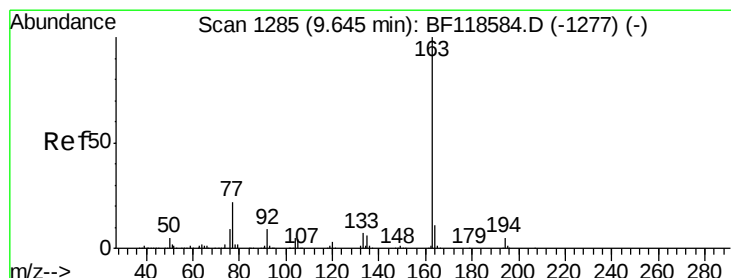
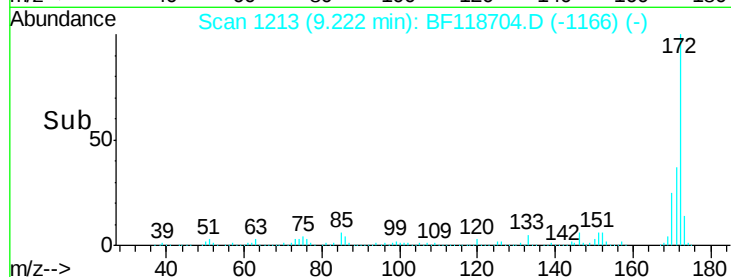
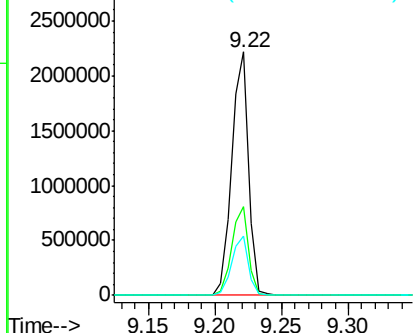
#45
2-Fluorobiphenyl
Concen: 66.840 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118704.D
Acq: 24 Jan 2020 23:55

Instrument :
BNA_F
ClientSampleId :
20200055-COMPOSITE-1

Tot Ion:172 Resp: 1973494
Ion Ratio Lower Upper
172 100
171 36.6 33.4 50.2
170 24.5 23.2 34.8

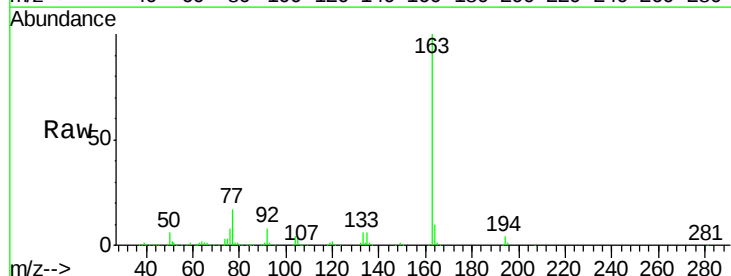


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

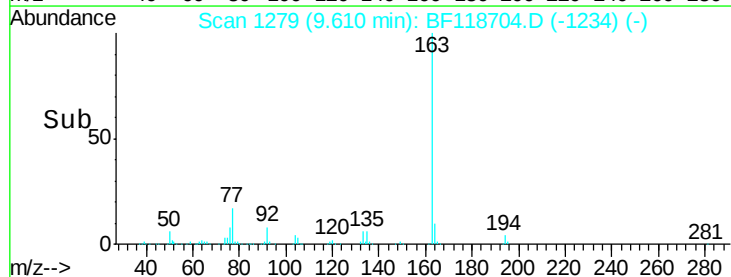
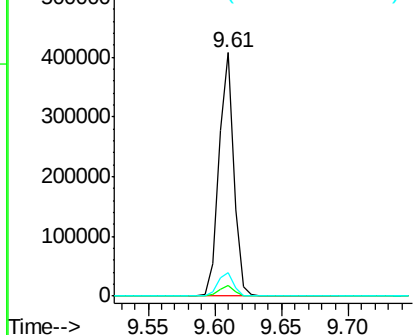


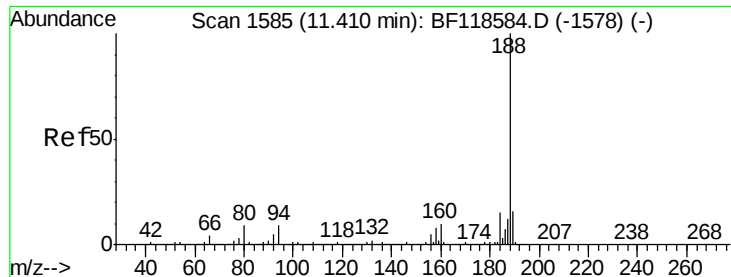
#50
Dimethylphthalate
Concen: 10.151 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BF118704.D
Acq: 24 Jan 2020 23:55

Tgt Ion:163 Resp: 320935
Ion Ratio Lower Upper
163 100
194 4.5 3.9 5.9
164 9.8 9.1 13.7



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

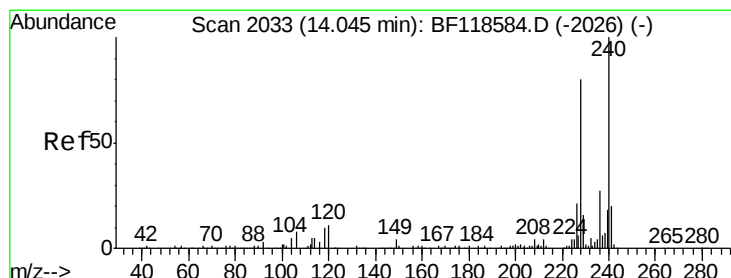
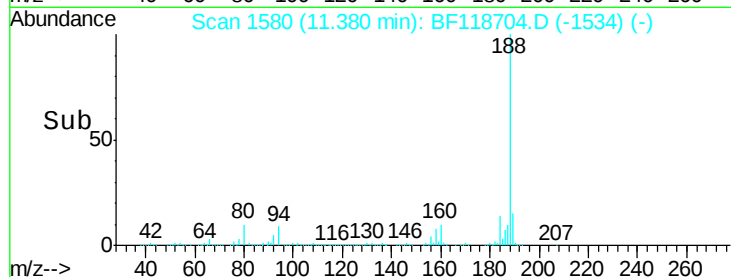
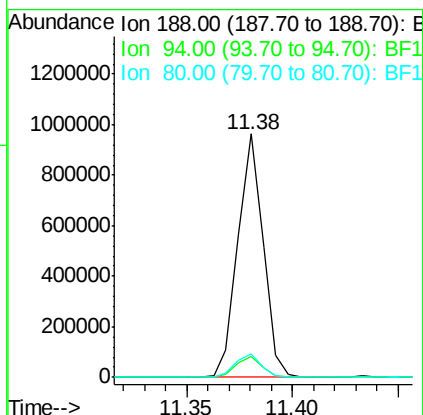
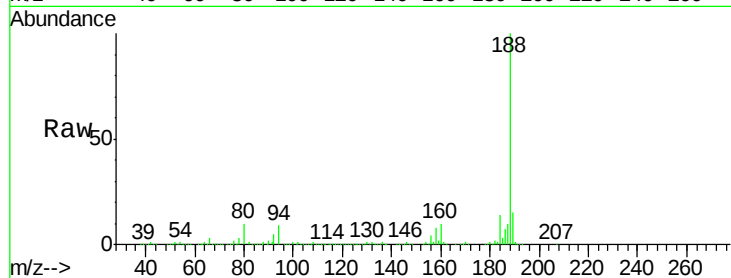




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118704.D
Acq: 24 Jan 2020 23:55

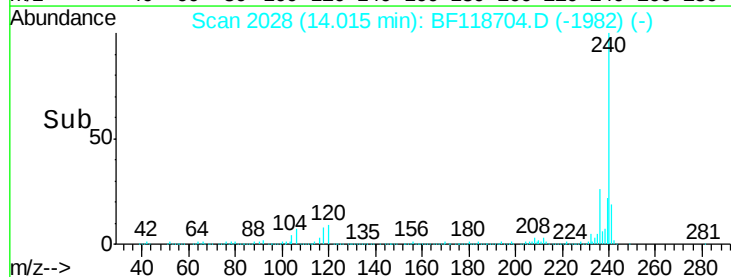
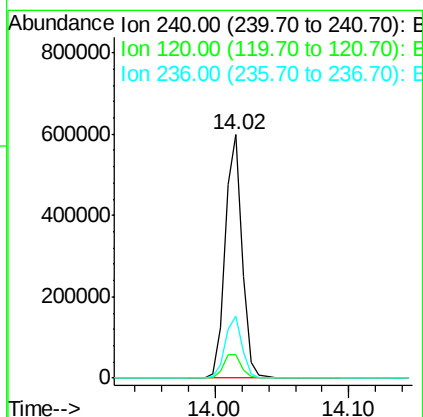
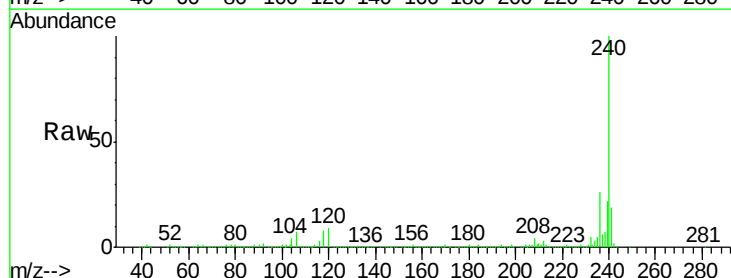
Instrument :
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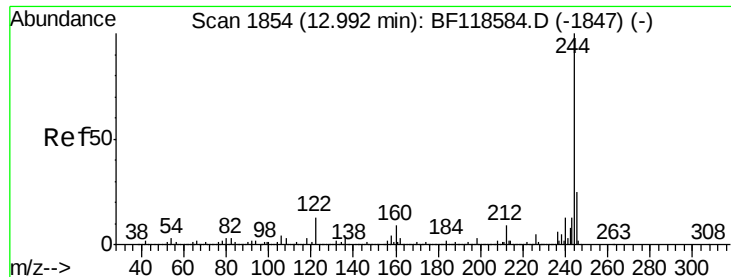
Tot Ion:188 Resp: 798553
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 9.5 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118704.D
Acq: 24 Jan 2020 23:55

Tgt Ion:240 Resp: 535379
Ion Ratio Lower Upper
240 100
120 9.4 8.9 13.3
236 25.6 21.5 32.3





#79

Terphenyl-d14

Concen: 73.027 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BF118704.D

Acq: 24 Jan 2020 23:55

Instrument :

BNA_F

ClientSampleId :

20200055-COMPOSITE-1

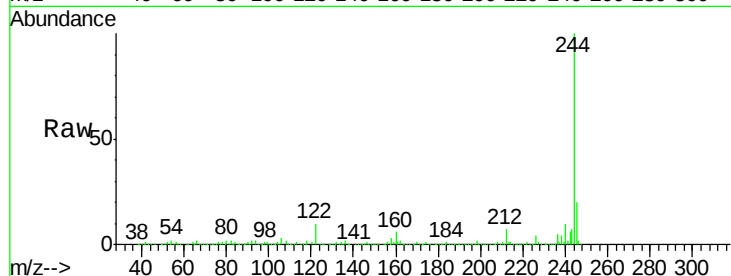
Tot Ion:244 Resp: 1792552

Ion Ratio Lower Upper

244 100

212 6.8 7.0 10.4#

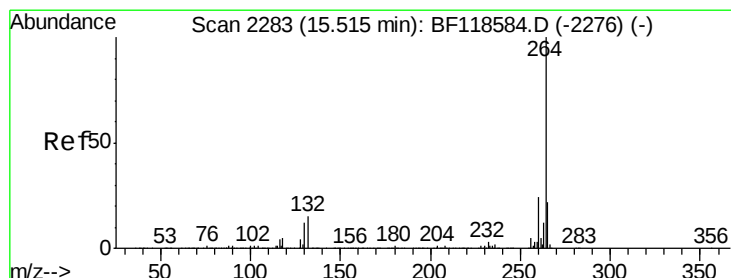
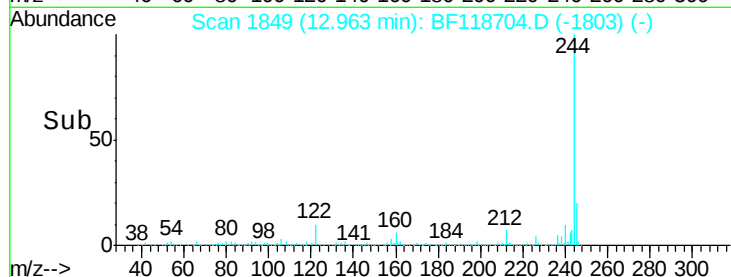
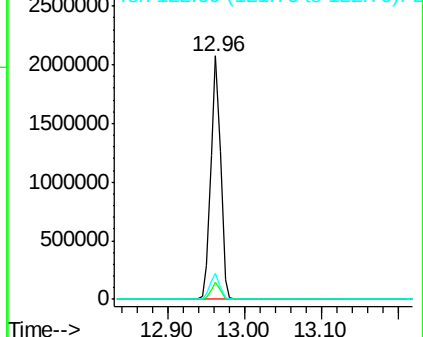
122 10.5 10.7 16.1#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.04 min

Lab File: BF118704.D

Acq: 24 Jan 2020 23:55

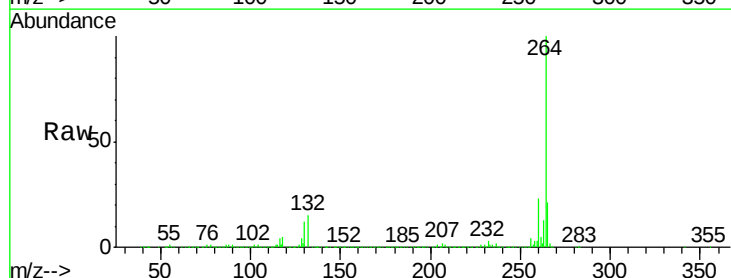
Tgt Ion:264 Resp: 656971

Ion Ratio Lower Upper

264 100

260 23.2 19.6 29.4

265 20.9 17.7 26.5



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

