

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118707.D
 Acq On : 25 Jan 2020 3:34
 Operator : CG/JU
 Sample : L1241-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-13

Quant Time: Jan 27 03:15:21 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

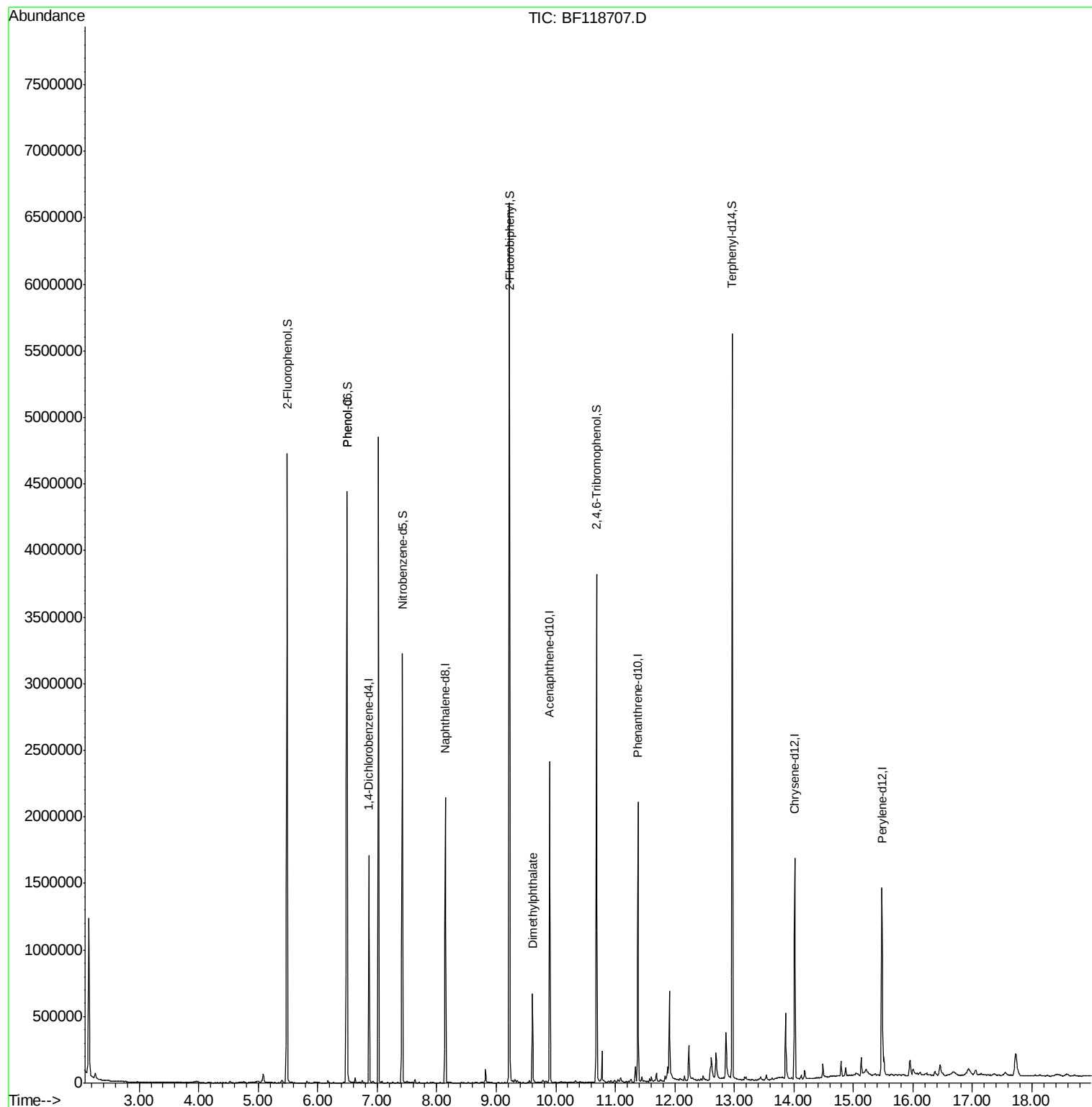
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	246400	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	901711	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	478915	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	788120	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	522218	20.00	ng	-0.03
87) Perylene-d12	15.48	264	661441	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1365147	102.90	ng	-0.01
7) Phenol-d6	6.49	99	1665730	96.60	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1029519	63.86	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	506902	91.51	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	2105053	72.24	ng	-0.02
79) Terphenyl-d14	12.96	244	2041599	85.27	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	46376	2.360	ng	Qvalue # 65
50) Dimethylphthalate	9.61	163	248911	7.977	ng	97

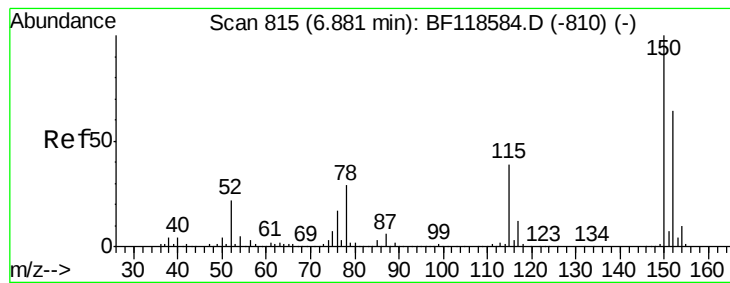
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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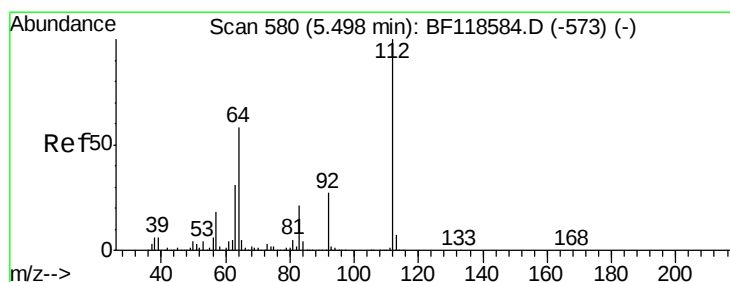
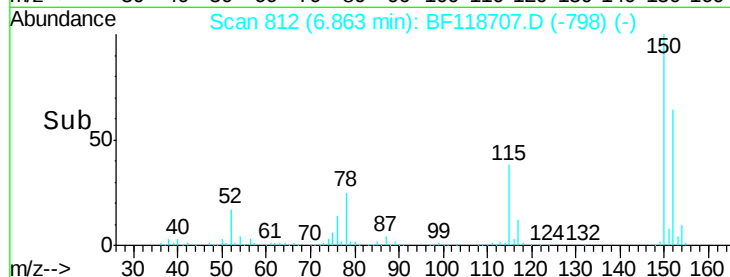
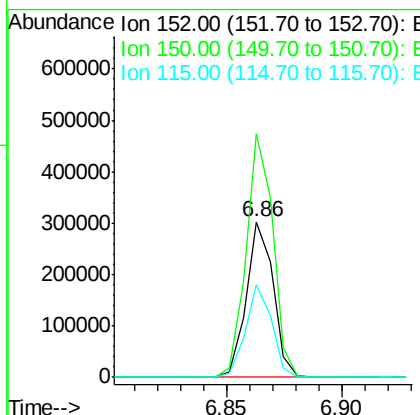
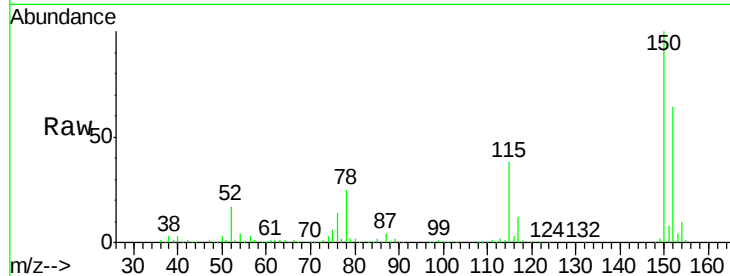




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF118707.D
 Acq: 25 Jan 2020 3:34

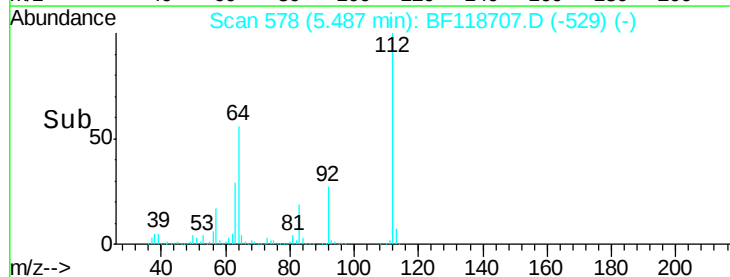
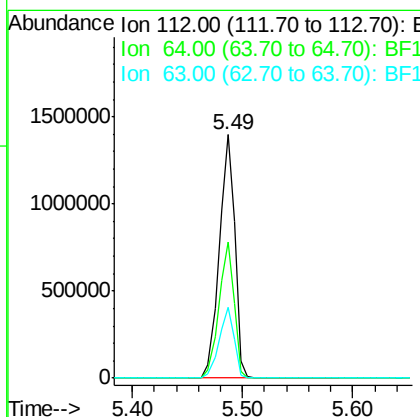
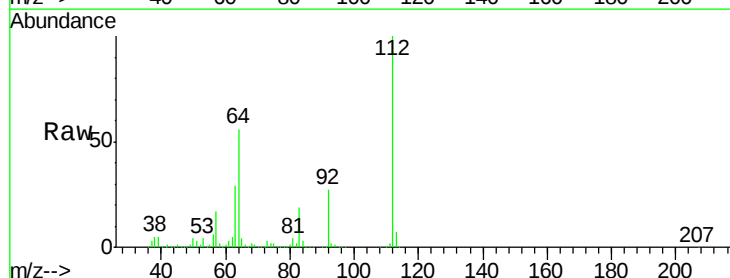
Instrument :
 BNA_F
 ClientSampleId :
 EP-13

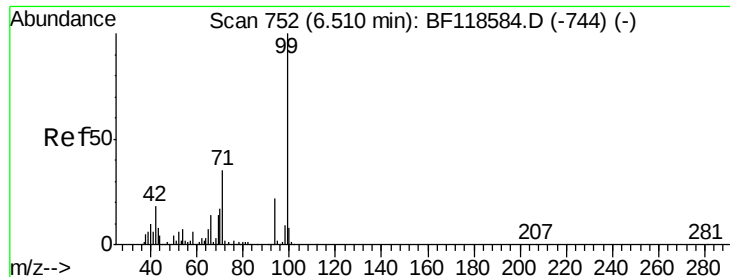
Tot Ion:152 Resp: 246400
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.6 188.4
 115 59.6 48.4 72.6



#5
 2-Fluorophenol
 Concen: 102.899 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF118707.D
 Acq: 25 Jan 2020 3:34

Tgt Ion:112 Resp: 1365147
 Ion Ratio Lower Upper
 112 100
 64 56.1 46.6 70.0
 63 29.2 25.1 37.7





#7

Phenol-d6

Concen: 96.600 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118707.D

Acq: 25 Jan 2020 3:34

Instrument :

BNA_F

ClientSampleId :

EP-13

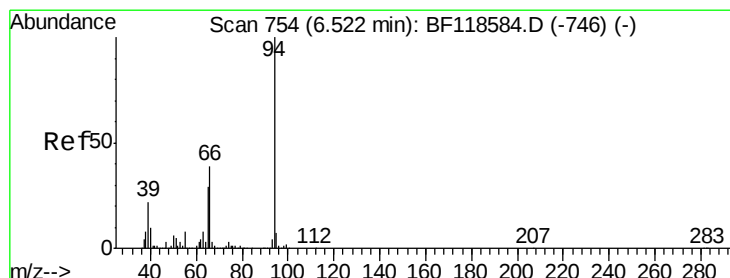
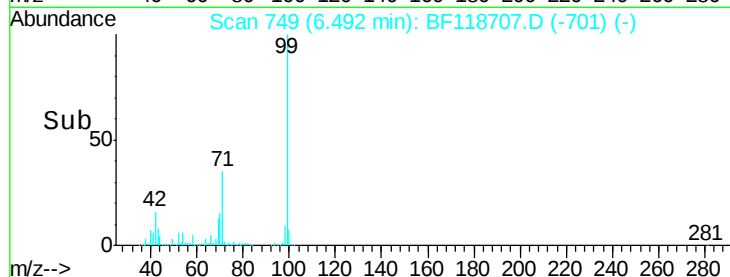
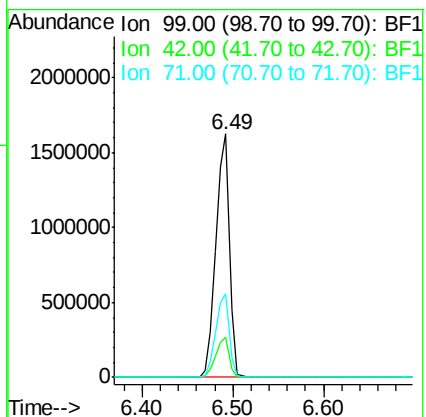
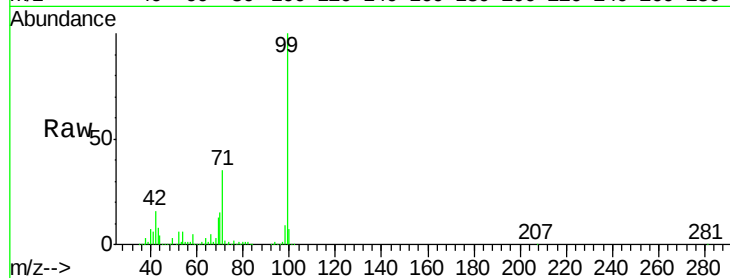
Tot Ion: 99 Resp: 1665730

Ion Ratio Lower Upper

99 100

42 16.4 14.2 21.2

71 34.6 27.8 41.6



#10

Phenol

Concen: 2.360 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118707.D

Acq: 25 Jan 2020 3:34

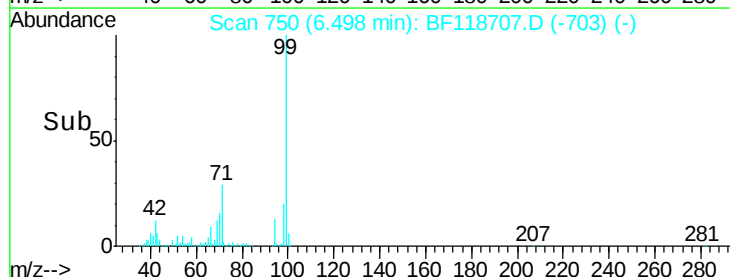
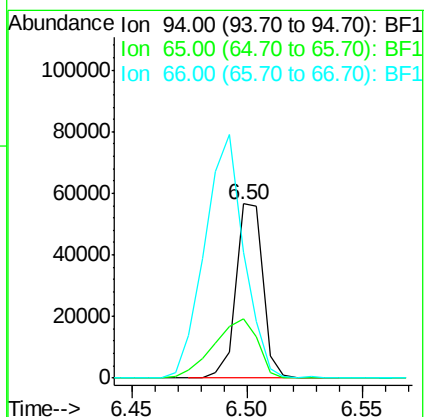
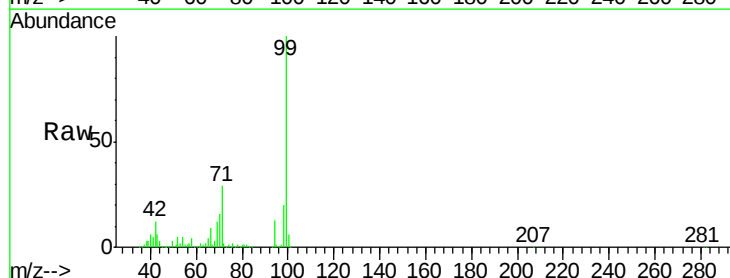
Tgt Ion: 94 Resp: 46376

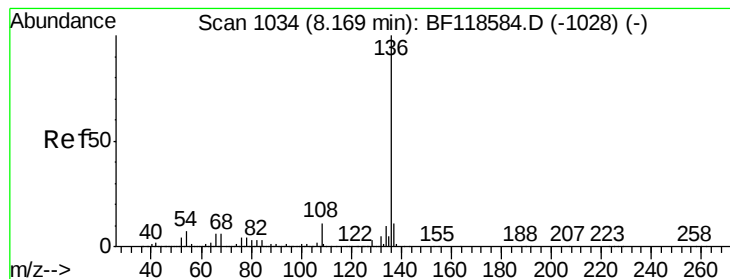
Ion Ratio Lower Upper

94 100

65 34.1 9.5 49.5

66 72.5 18.5 58.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF118707.D

Acq: 25 Jan 2020 3:34

Instrument :

BNA_F

ClientSampleId :

EP-13

Tot Ion:136 Resp: 901711

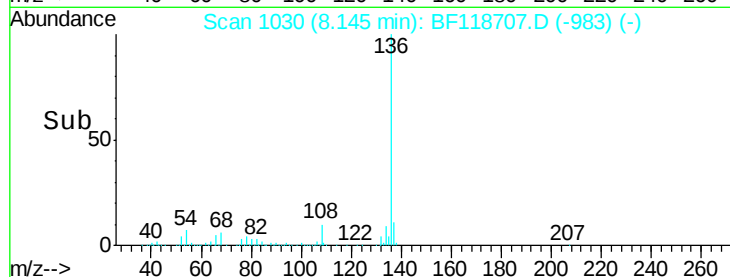
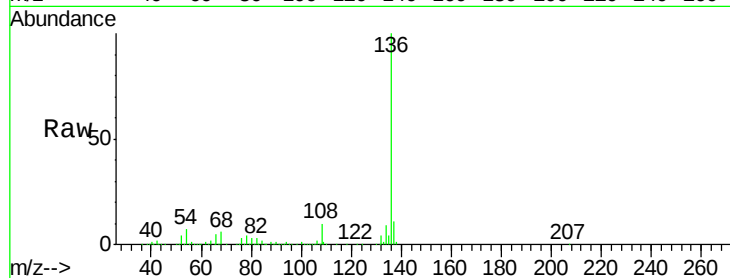
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.6 5.8 8.6

68 5.7 5.0 7.4

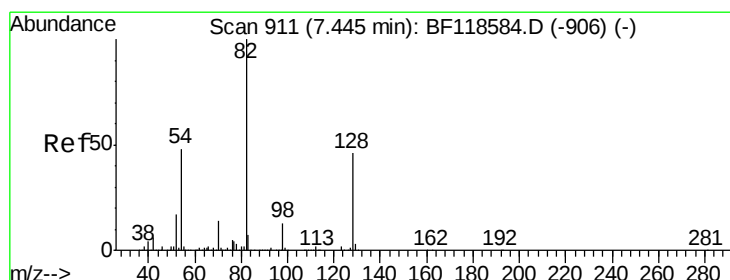
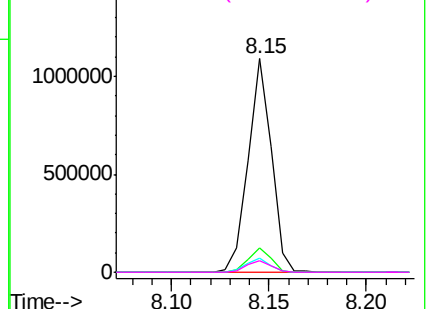


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.862 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118707.D

Acq: 25 Jan 2020 3:34

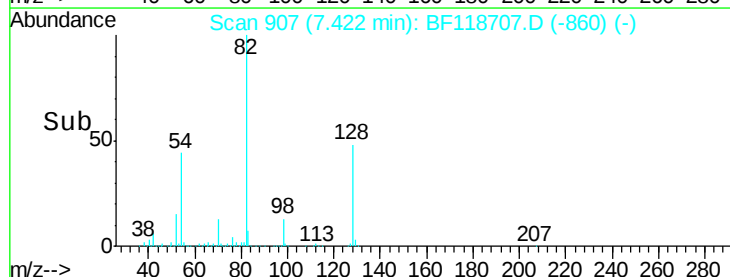
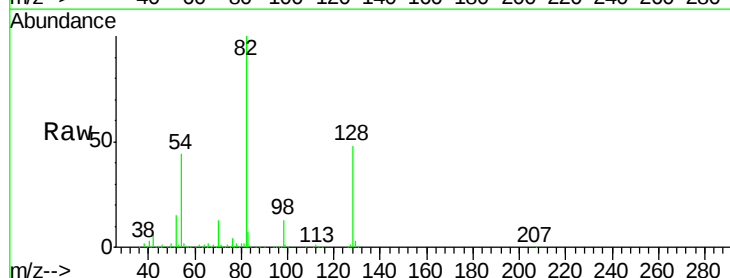
Tgt Ion: 82 Resp: 1029519

Ion Ratio Lower Upper

82 100

128 48.1 36.6 54.8

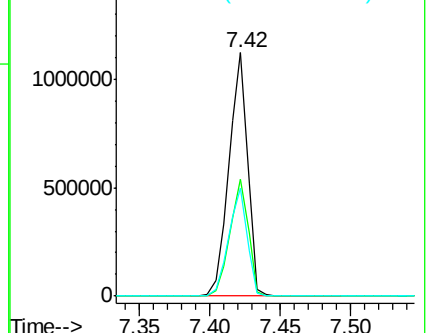
54 44.3 38.0 57.0

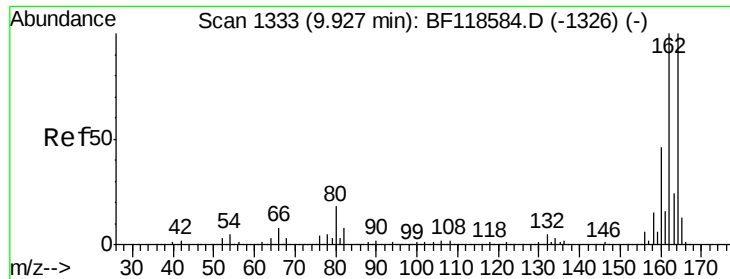


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF118707.D

Acq: 25 Jan 2020 3:34

Instrument :

BNA_F

ClientSampleId :

EP-13

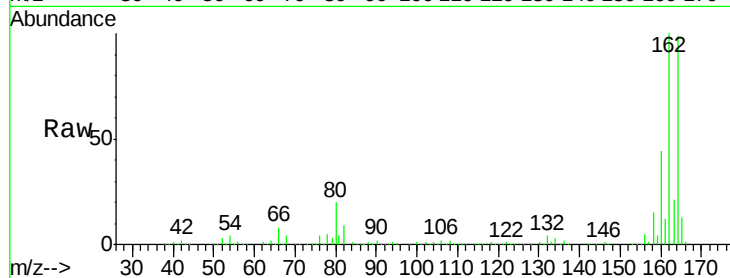
Tot Ion:164 Resp: 478915

Ion Ratio Lower Upper

164 100

162 100.9 80.4 120.6

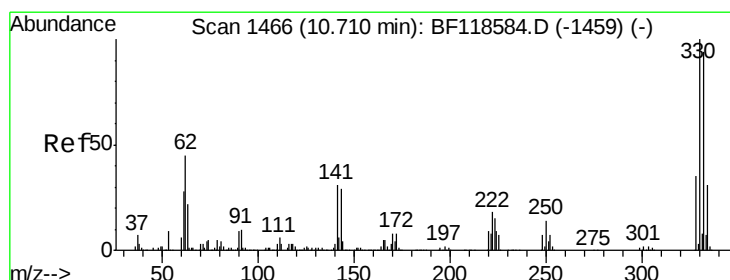
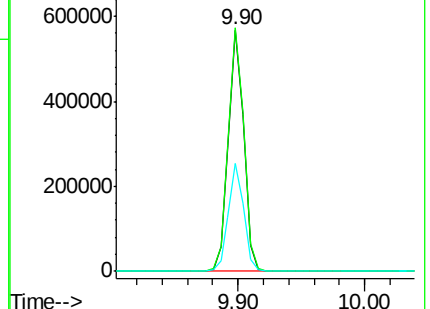
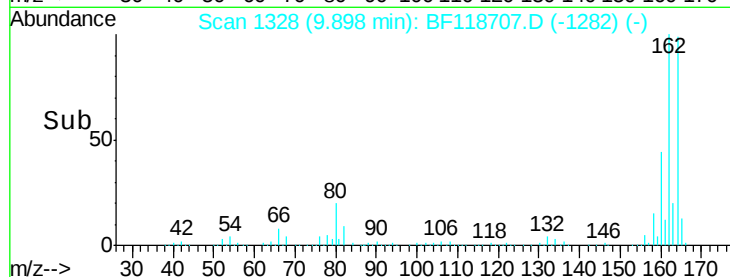
160 44.5 36.6 55.0



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: 91.511 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BF118707.D

Acq: 25 Jan 2020 3:34

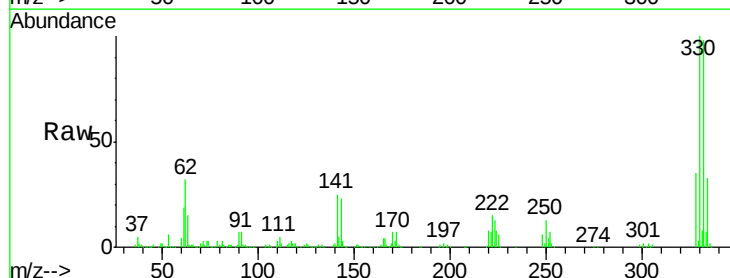
Tgt Ion:330 Resp: 506902

Ion Ratio Lower Upper

330 100

332 97.6 76.2 114.4

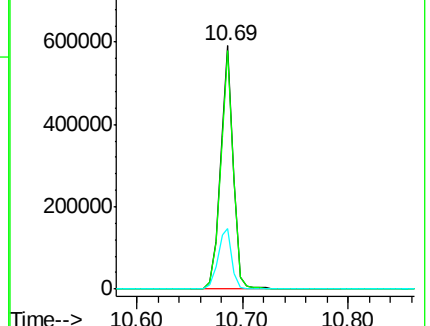
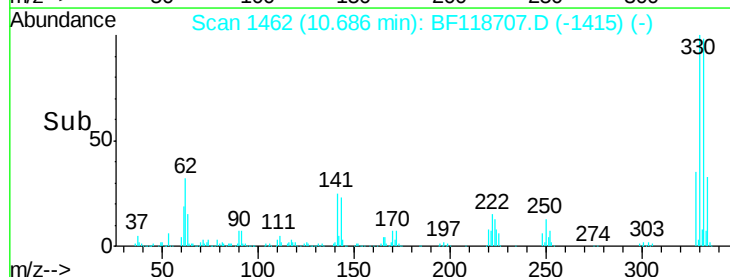
141 27.3 23.9 35.9

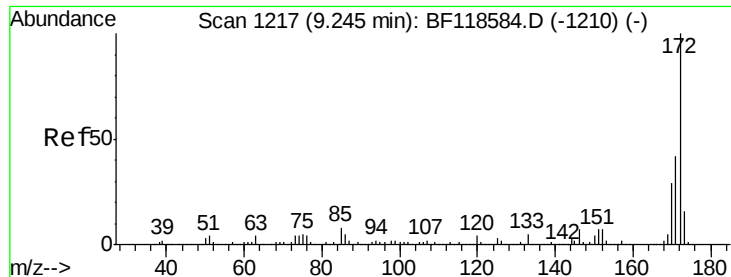


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

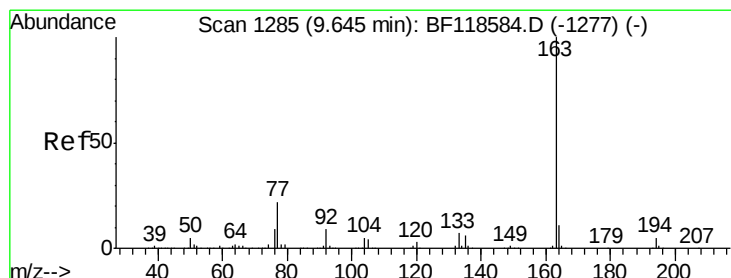
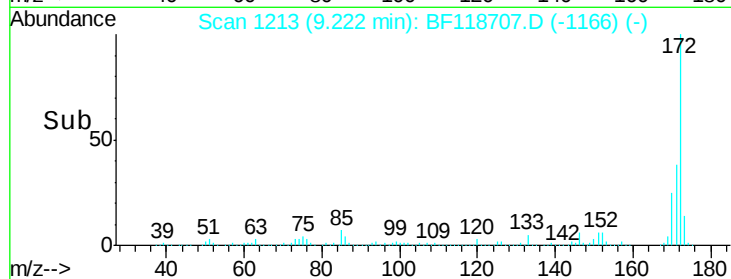
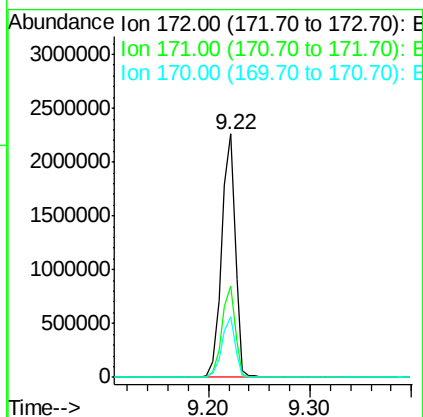
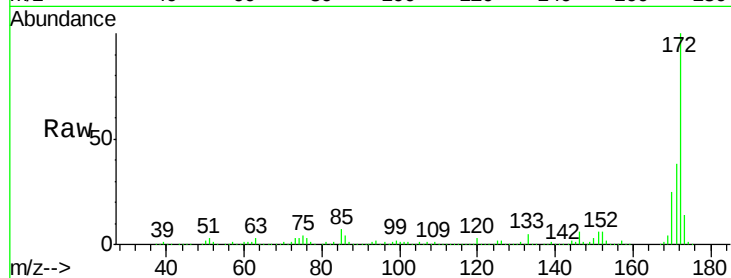




#45
2-Fluorobiphenyl
Concen: 72.244 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118707.D
Acq: 25 Jan 2020 3:34

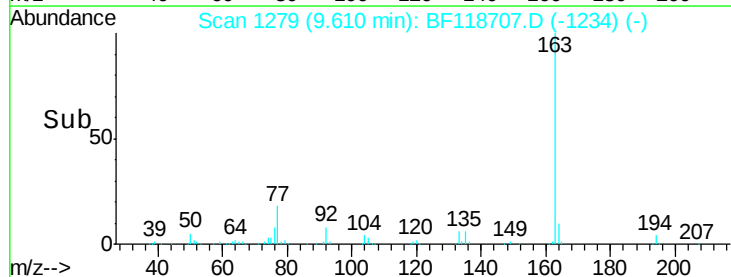
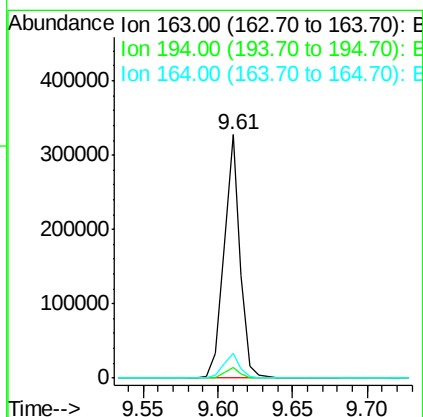
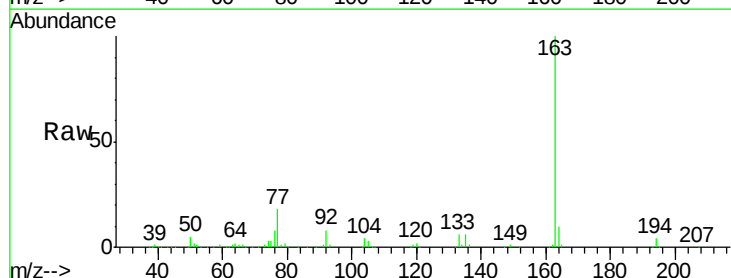
Instrument :
BNA_F
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EP-13

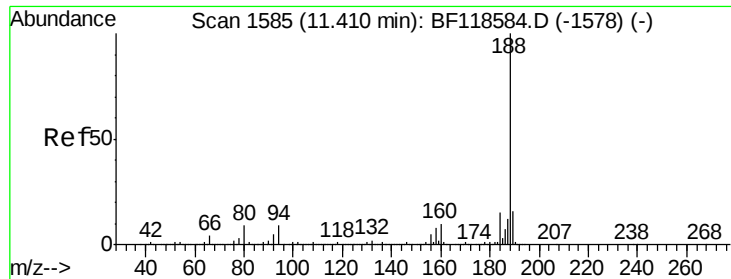
Tot Ion:172 Resp: 2105053
Ion Ratio Lower Upper
172 100
171 37.6 33.4 50.2
170 24.7 23.2 34.8



#50
Dimethylphthalate
Concen: 7.977 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BF118707.D
Acq: 25 Jan 2020 3:34

Tgt Ion:163 Resp: 248911
Ion Ratio Lower Upper
163 100
194 4.3 3.9 5.9
164 10.2 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: BF118707.D

Acq: 25 Jan 2020 3:34

Instrument :

BNA_F

ClientSampleId :

EP-13

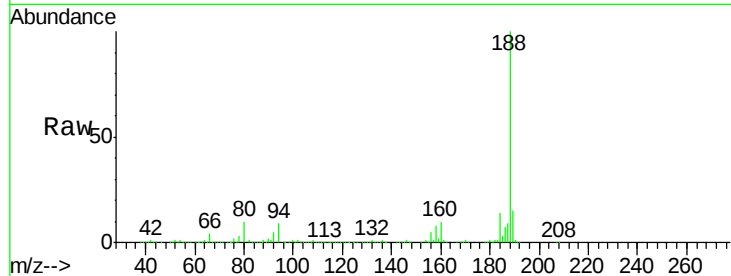
Tot Ion:188 Resp: 788120

Ion Ratio Lower Upper

188 100

94 9.4 7.1 10.7

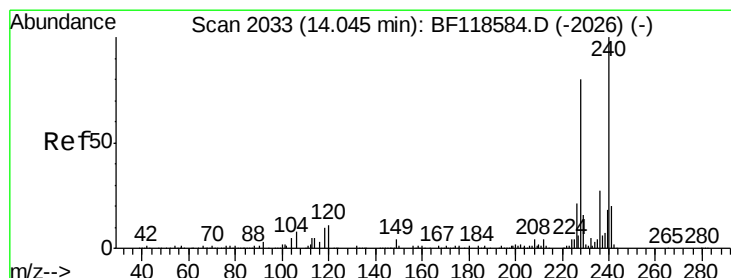
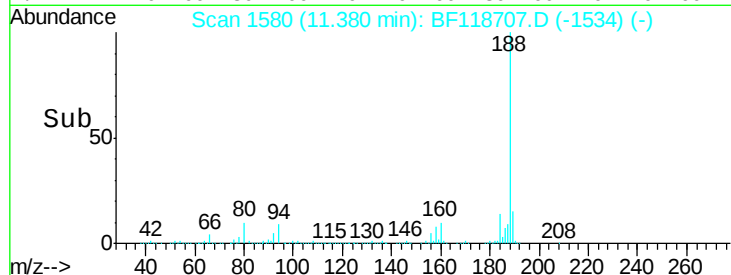
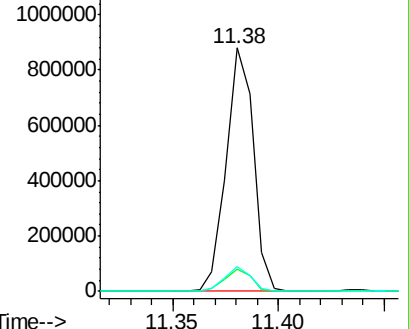
80 10.3 7.5 11.3



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: 14.02 min Scan# 2028

Delta R.T. -0.03 min

Lab File: BF118707.D

Acq: 25 Jan 2020 3:34

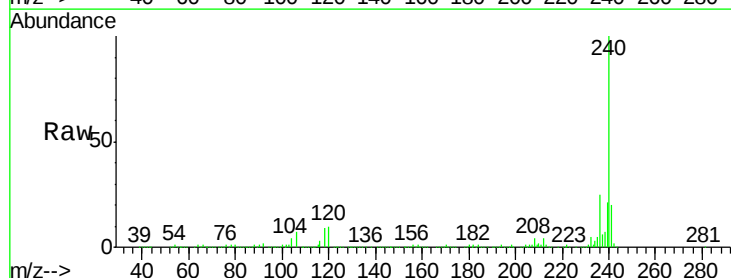
Tgt Ion:240 Resp: 522218

Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

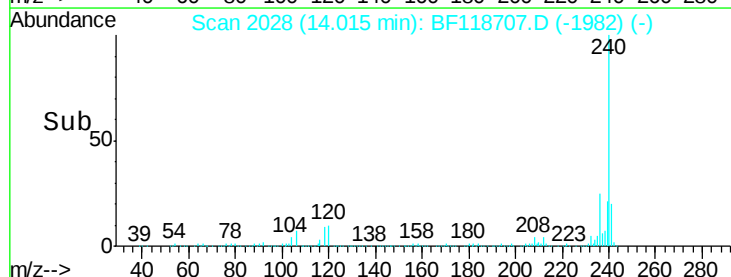
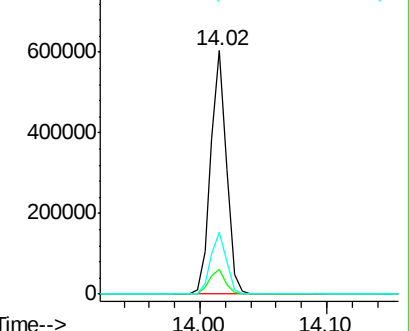
236 25.5 21.5 32.3

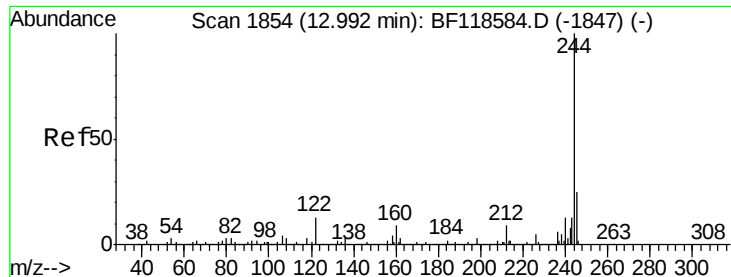


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.269 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BF118707.D

Acq: 25 Jan 2020 3:34

Instrument :

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EP-13

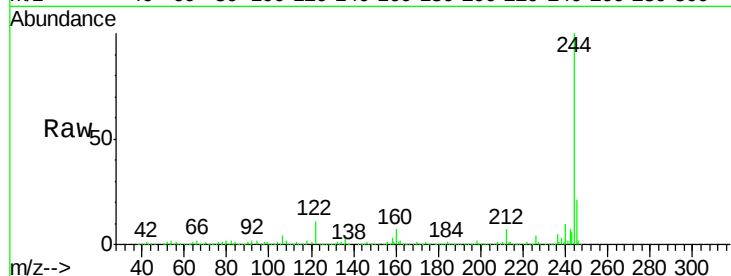
Tot Ion:244 Resp: 2041599

Ion Ratio Lower Upper

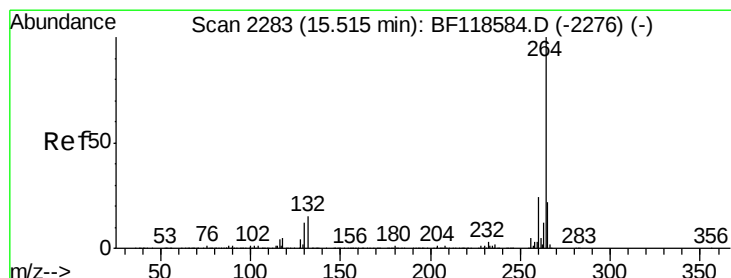
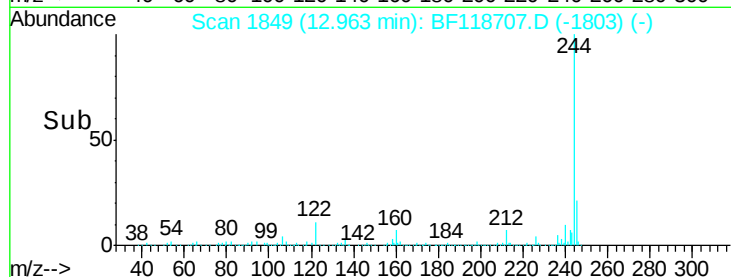
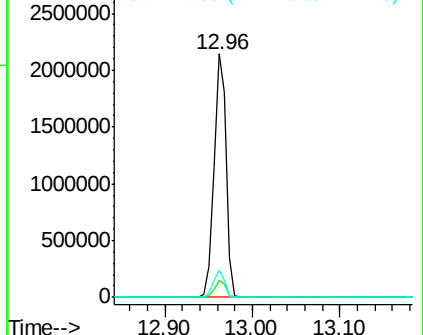
244 100

212 6.8 7.0 10.4#

122 11.0 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: BF118707.D

Acq: 25 Jan 2020 3:34

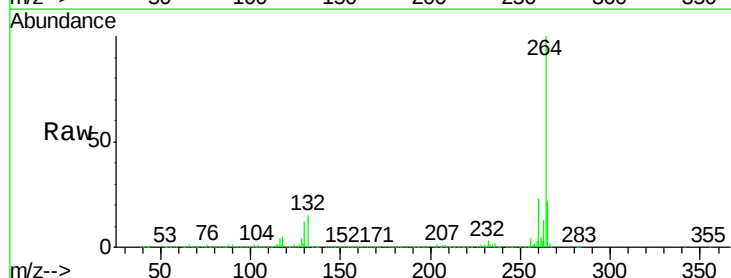
Tgt Ion:264 Resp: 661441

Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 21.6 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

