

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
 Data File : BF118715.D
 Acq On : 27 Jan 2020 12:47
 Operator : CG/JU
 Sample : L1241-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-13

Quant Time: Jan 27 14:37:23 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

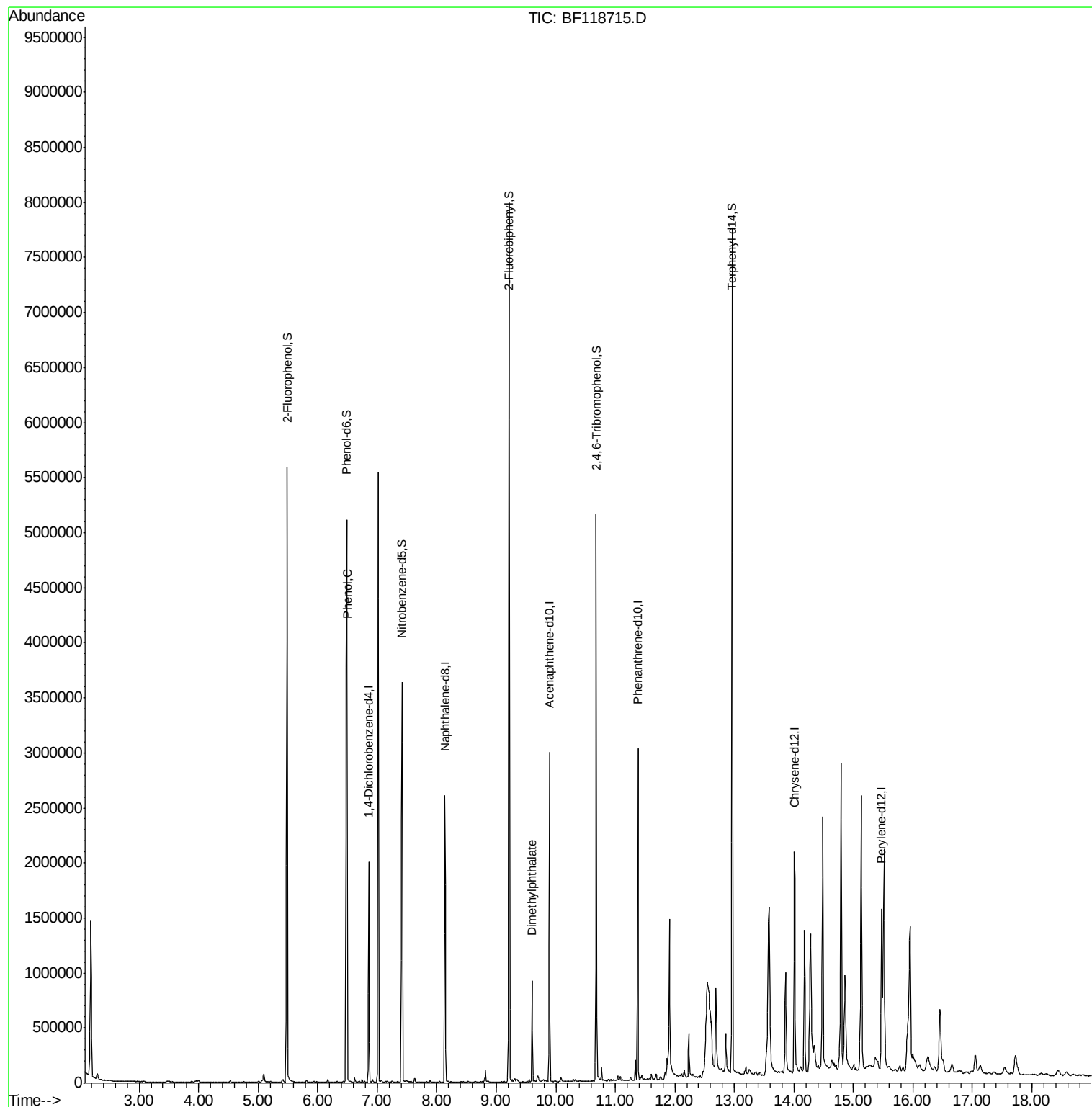
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	312175	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1168874	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	638815	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1112978	20.00	ng	0.00
76) Chrysene-d12	14.01	240	697706	20.00	ng	-0.01
87) Perylene-d12	15.47	264	653608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1698448	101.05	ng	0.00
7) Phenol-d6	6.49	99	2095225	95.91	ng	0.00
23) Nitrobenzene-d5	7.42	82	1339616	64.10	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	725832	98.24	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2610196	67.16	ng	0.00
79) Terphenyl-d14	12.96	244	2826606	88.36	ng	0.00
Target Compounds						
10) Phenol	6.50	94	59417	2.387	ng	99
50) Dimethylphthalate	9.60	163	330520	7.941	ng	100

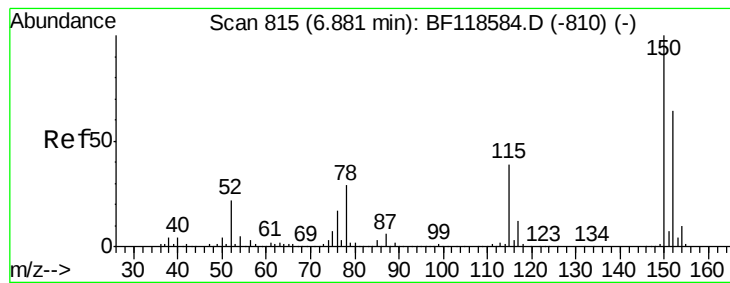
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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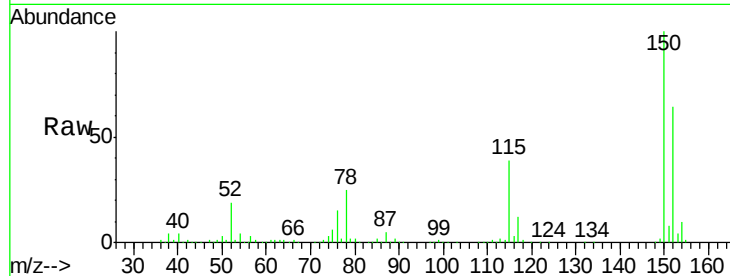


#1

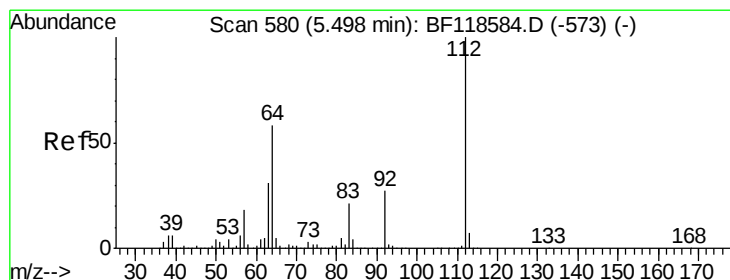
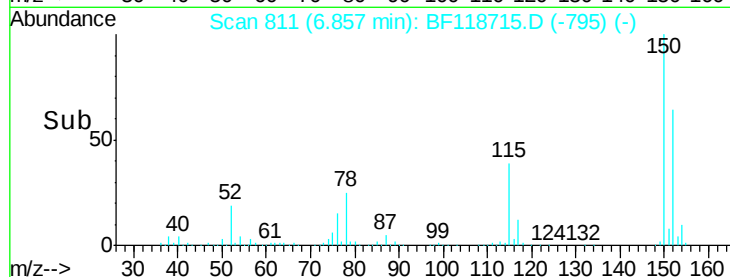
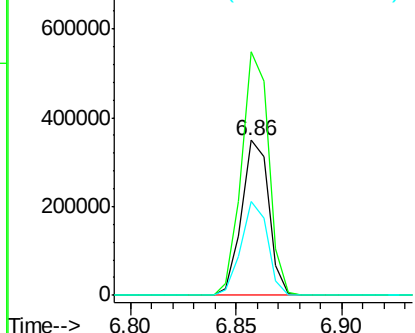
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118715.D
Acq: 27 Jan 2020 12:47

Instrument :
BNA_F
ClientSampleId :
EP-13

Tot Ion:152 Resp: 312175
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 60.9 45.1 67.7



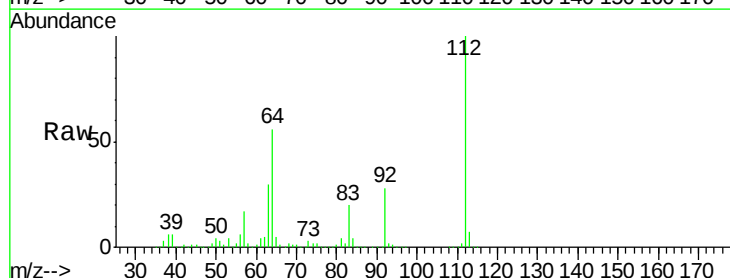
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



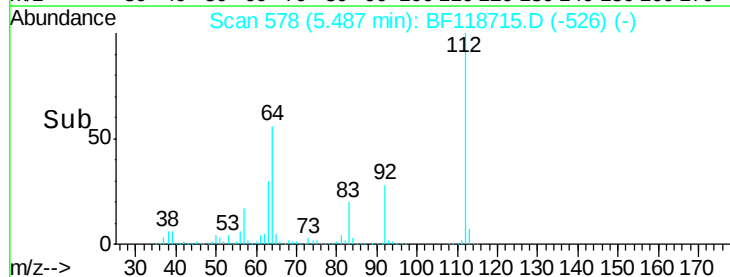
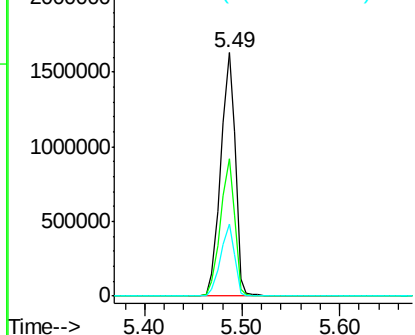
#5

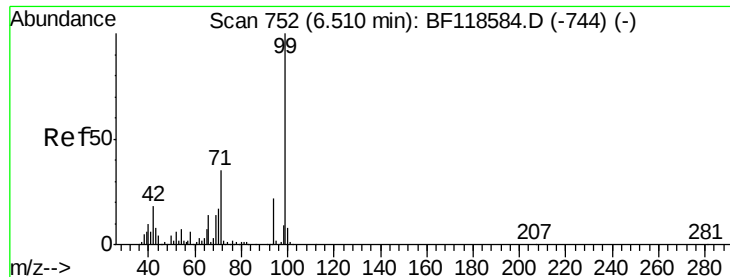
2-Fluorophenol
Concen: 101.047 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118715.D
Acq: 27 Jan 2020 12:47

Tgt Ion:112 Resp: 1698448
Ion Ratio Lower Upper
112 100
64 56.4 42.4 63.6
63 29.5 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: 95.906 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118715.D

Acq: 27 Jan 2020 12:47

Instrument :

BNA_F

ClientSampled :

EP-13

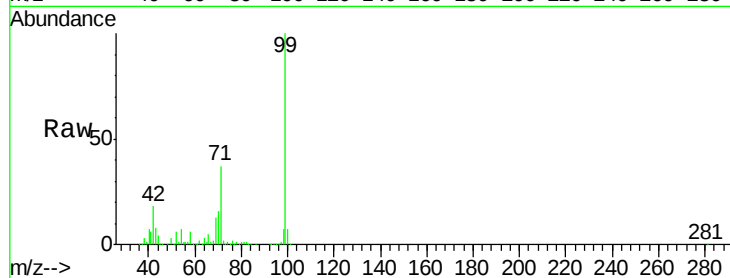
Tot Ion: 99 Resp: 2095225

Ion Ratio Lower Upper

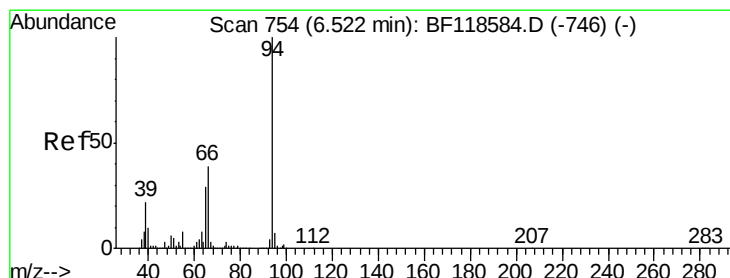
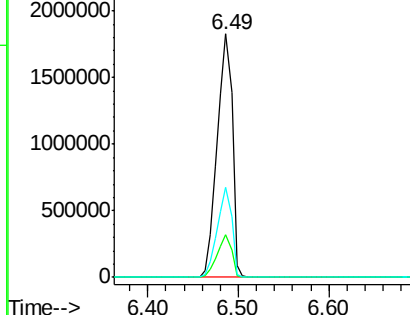
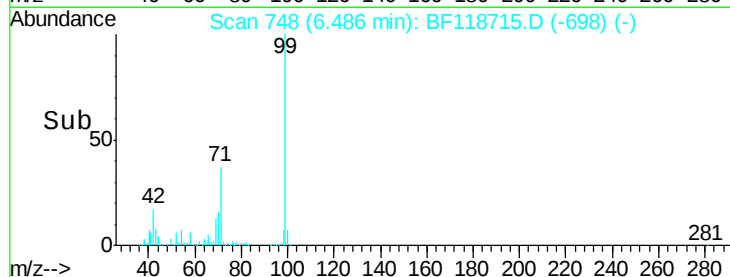
99 100

42 17.5 13.1 19.7

71 36.7 28.4 42.6



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: 2.387 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118715.D

Acq: 27 Jan 2020 12:47

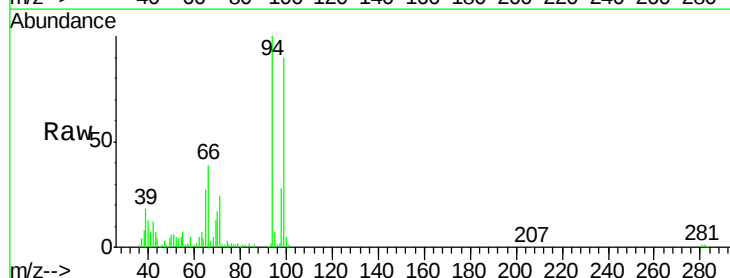
Tgt Ion: 94 Resp: 59417

Ion Ratio Lower Upper

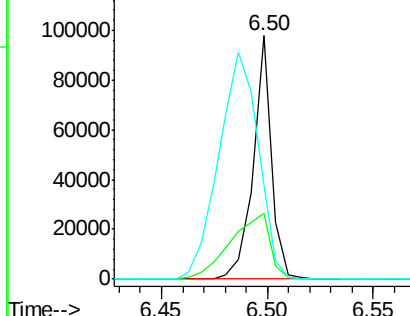
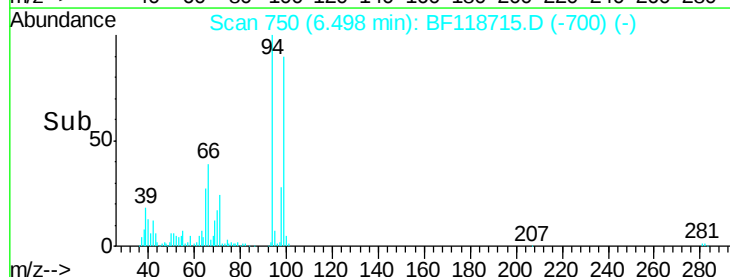
94 100

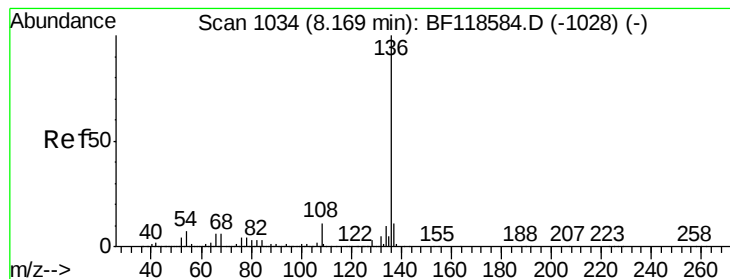
65 26.7 7.9 47.9

66 38.8 19.1 59.1



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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF118715.D

Acq: 27 Jan 2020 12:47

Instrument :

BNA_F

ClientSampleId :

EP-13

Tot Ion:136 Resp: 1168874

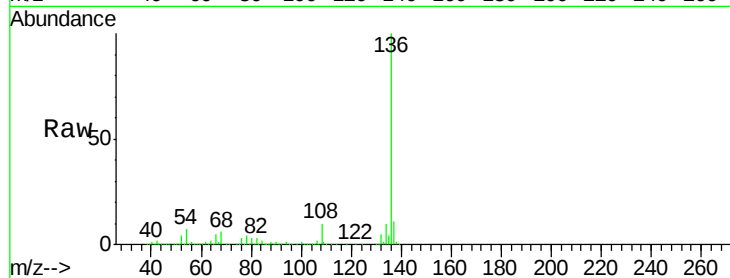
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.0 5.1 7.7

68 5.8 4.3 6.5

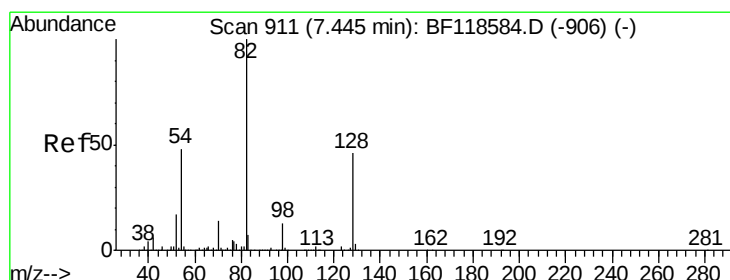
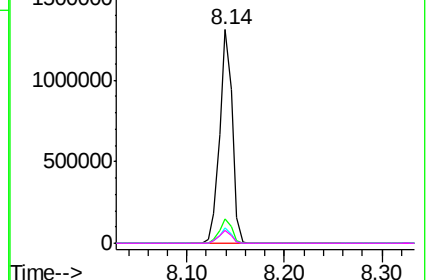
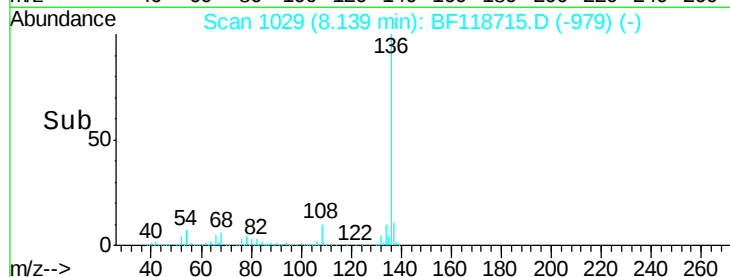


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.104 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF118715.D

Acq: 27 Jan 2020 12:47

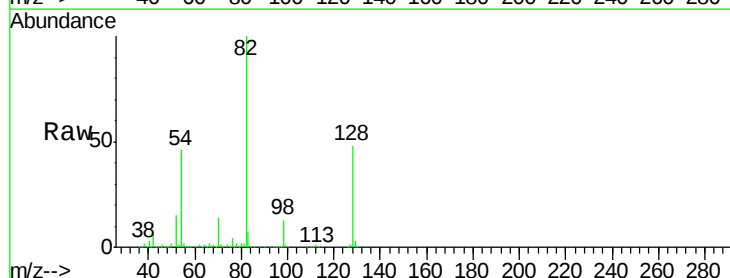
Tgt Ion: 82 Resp: 1339616

Ion Ratio Lower Upper

82 100

128 47.9 38.2 57.2

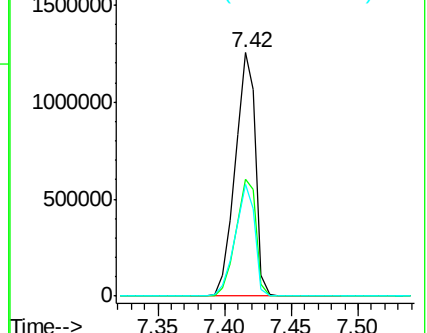
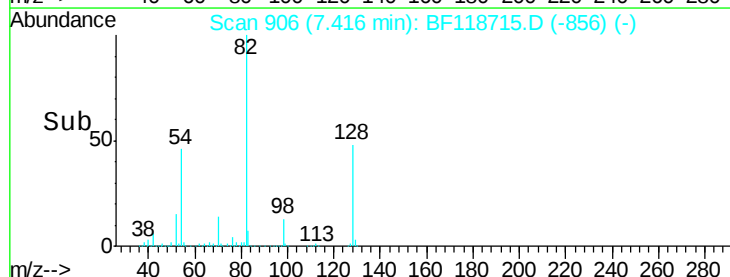
54 46.2 36.1 54.1

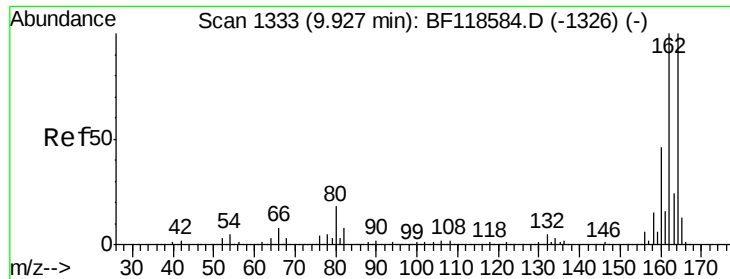


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

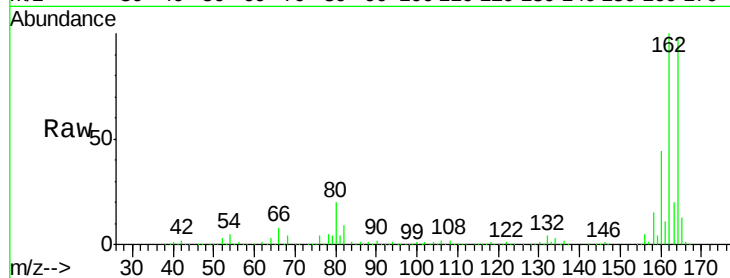




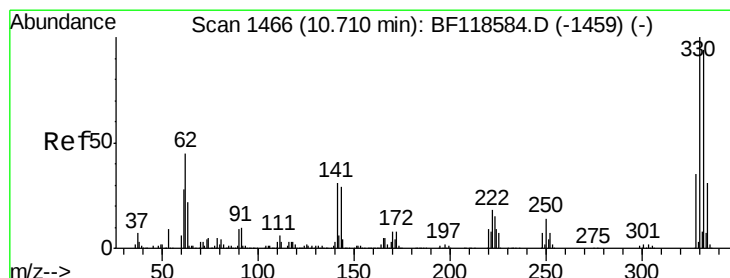
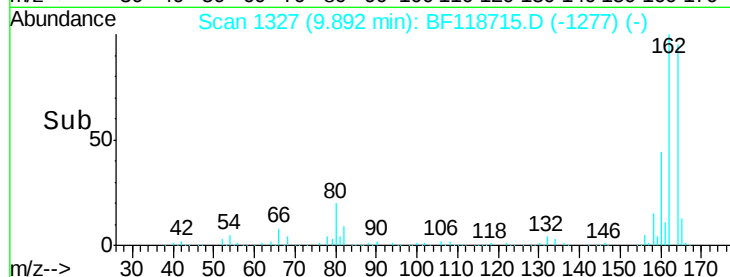
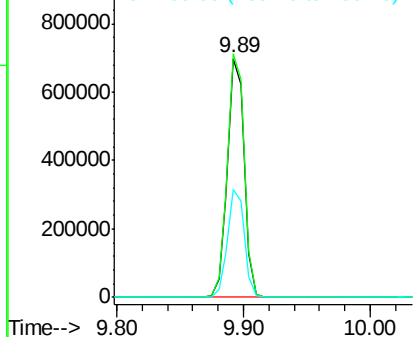
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118715.D
Acq: 27 Jan 2020 12:47

Instrument :
BNA_F
ClientSampled :
EP-13

Tot Ion:164 Resp: 638815
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 45.2 35.4 53.0

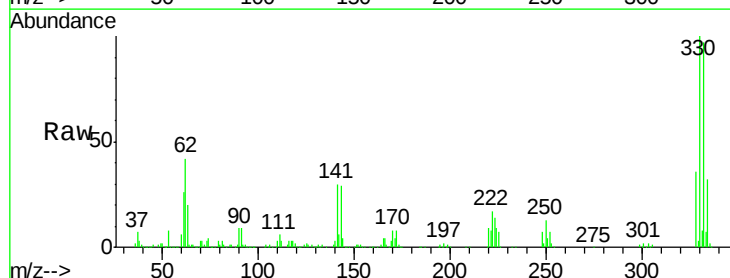


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

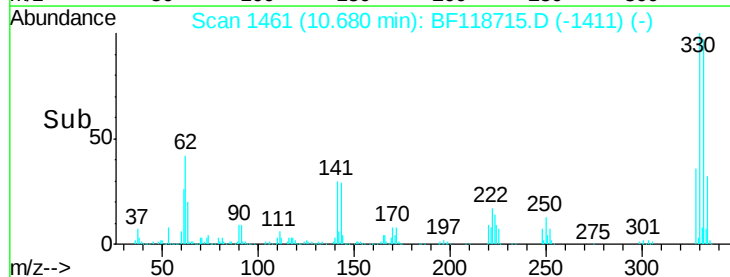
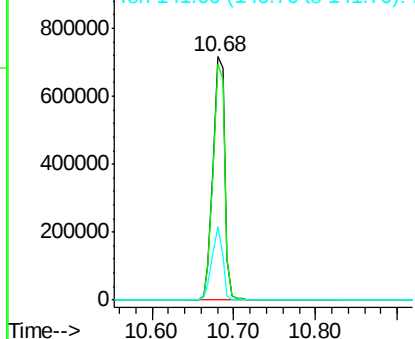


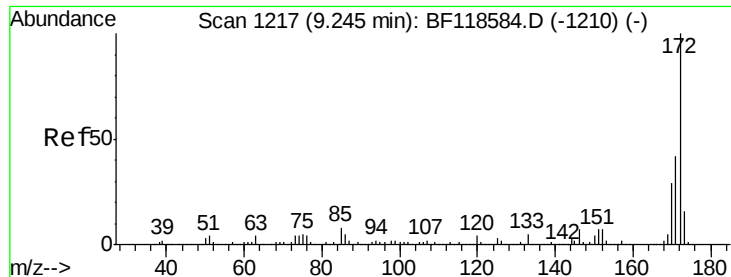
#42
2,4,6-Tribromophenol
Concen: 98.235 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF118715.D
Acq: 27 Jan 2020 12:47

Tgt Ion:330 Resp: 725832
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 27.4 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

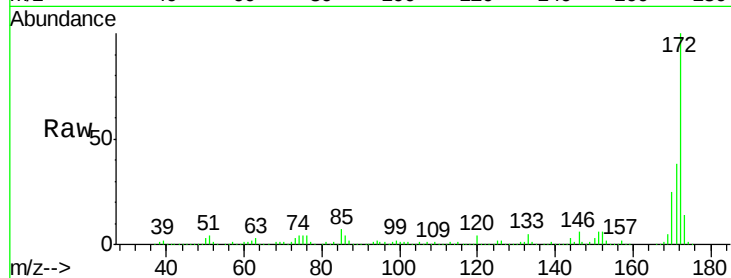




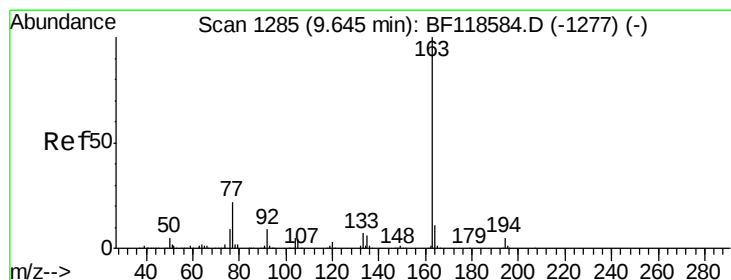
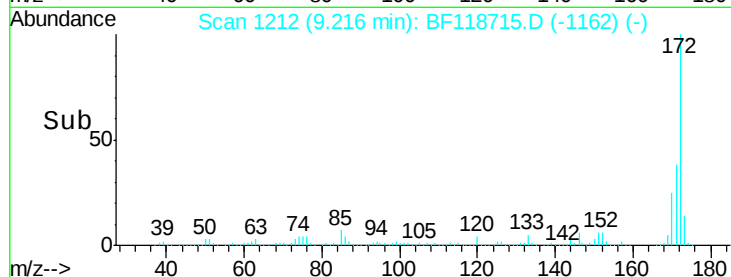
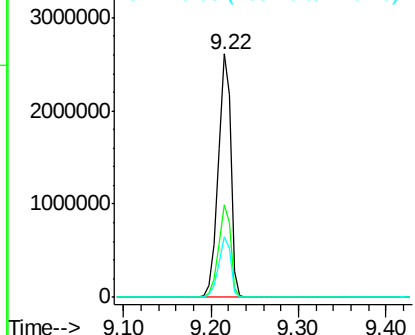
#45
2-Fluorobiphenyl
Concen: 67.158 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118715.D
Acq: 27 Jan 2020 12:47

Instrument :
BNA_F
ClientSampleId :
EP-13

Tot Ion:172 Resp: 2610196
Ion Ratio Lower Upper
172 100
171 38.1 31.0 46.4
170 25.0 20.7 31.1

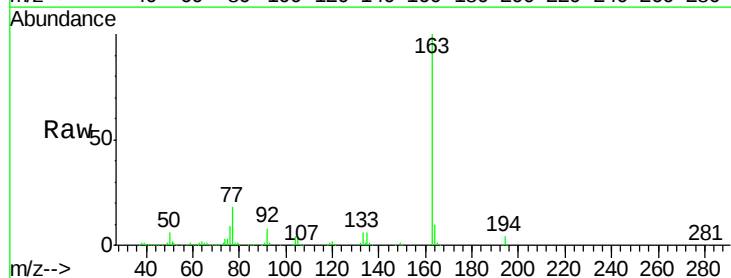


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

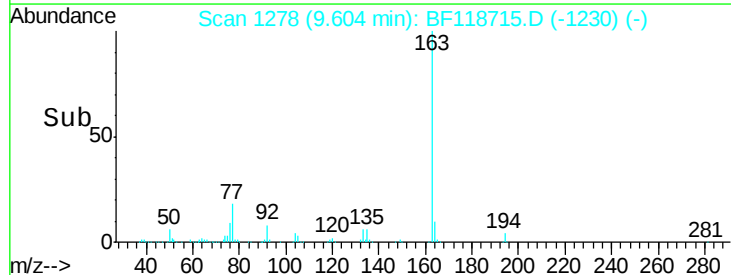
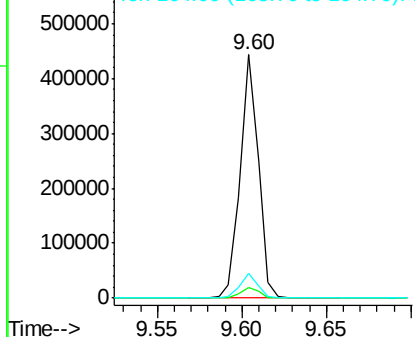


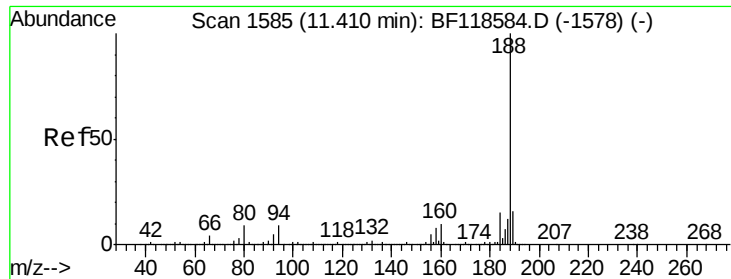
#50
Dimethylphthalate
Concen: 7.941 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF118715.D
Acq: 27 Jan 2020 12:47

Tgt Ion:163 Resp: 330520
Ion Ratio Lower Upper
163 100
194 4.4 3.7 5.5
164 10.3 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

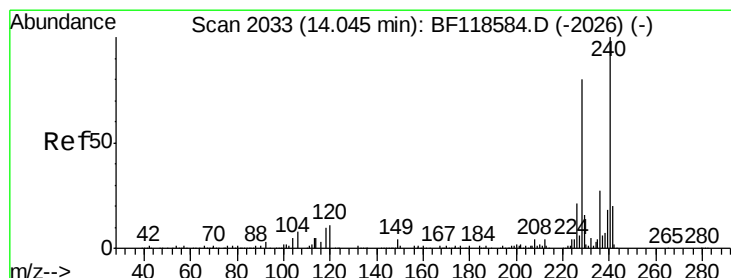
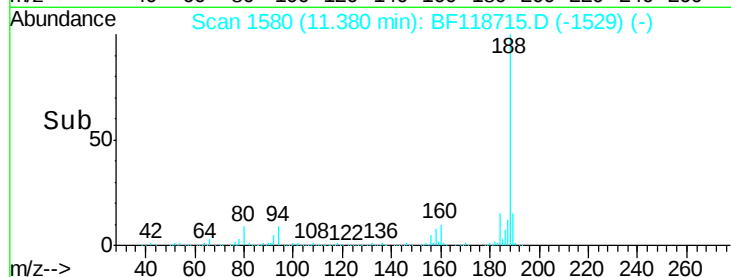
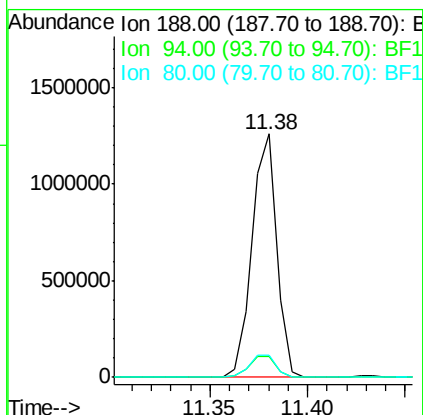
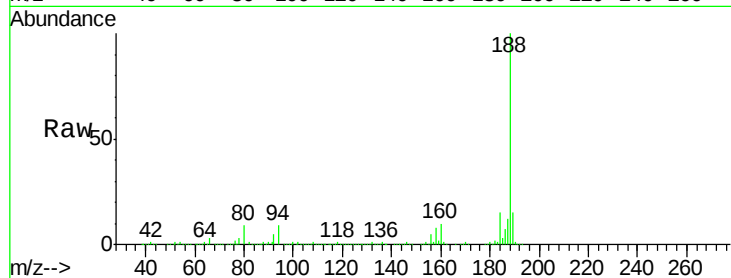




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF118715.D
Acq: 27 Jan 2020 12:47

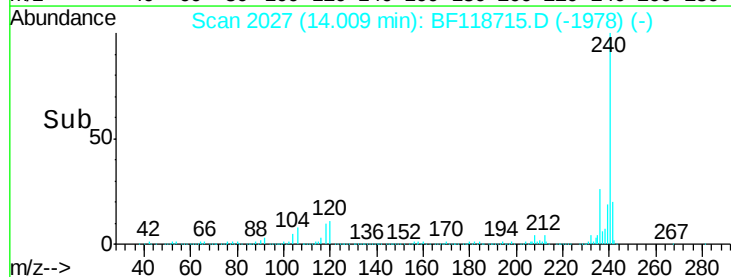
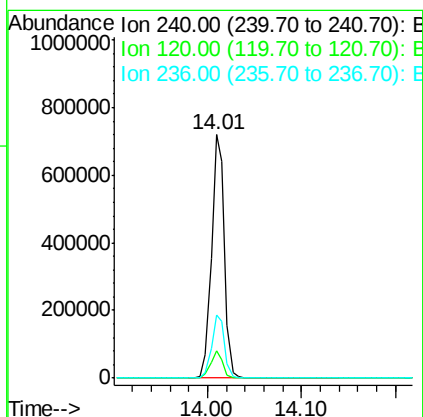
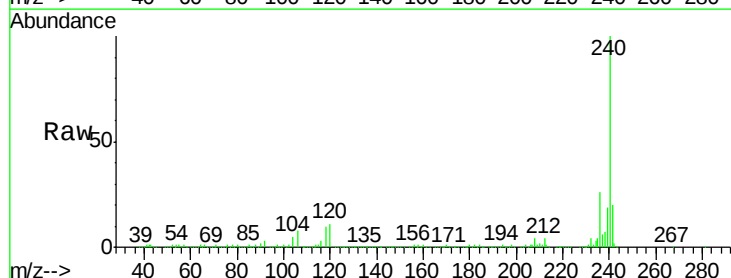
Instrument :
BNA_F
ClientSampleId :
EP-13

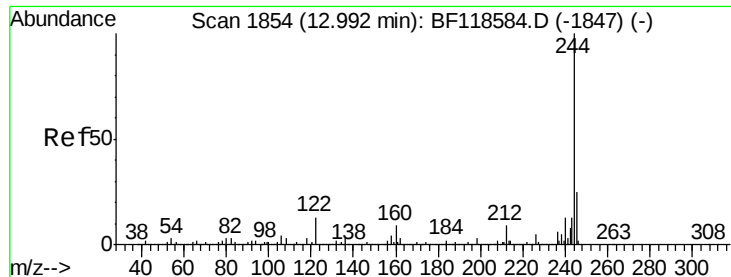
Tot Ion:188 Resp: 1112978
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.2 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF118715.D
Acq: 27 Jan 2020 12:47

Tgt Ion:240 Resp: 697706
Ion Ratio Lower Upper
240 100
120 11.1 7.6 11.4
236 26.0 21.0 31.4





#79

Terphenyl-d14

Concen: 88.362 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF118715.D

Acq: 27 Jan 2020 12:47

Instrument :

BNA_F

ClientSampleId :

EP-13

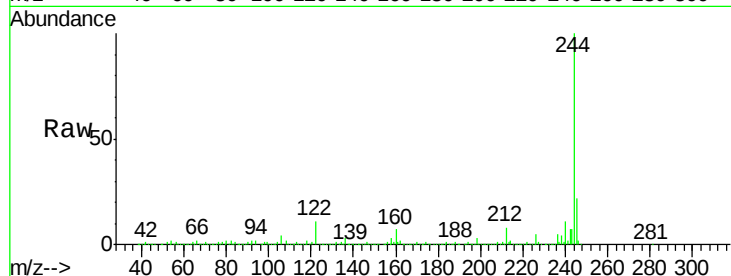
Tot Ion:244 Resp: 2826606

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

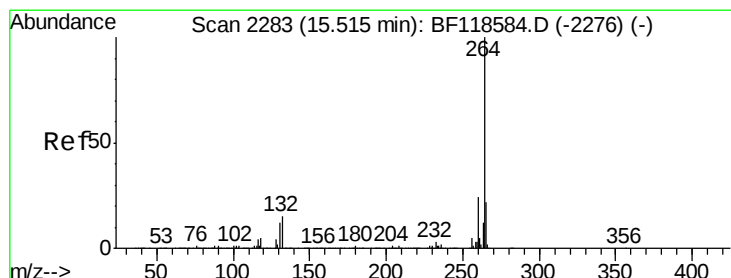
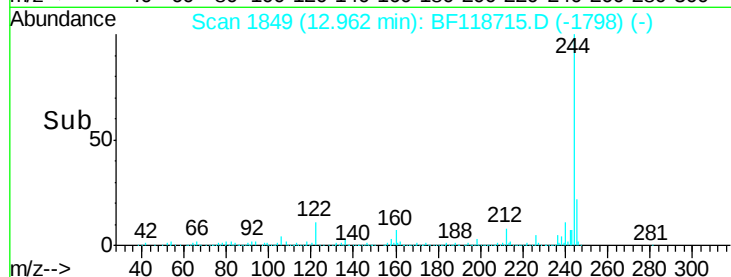
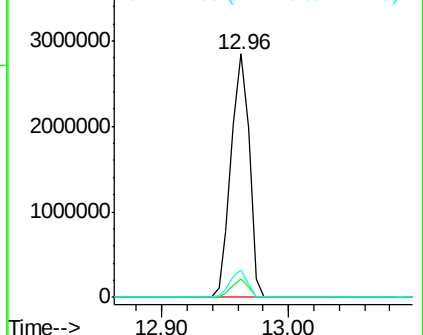
122 11.1 9.2 13.8



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: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BF118715.D

Acq: 27 Jan 2020 12:47

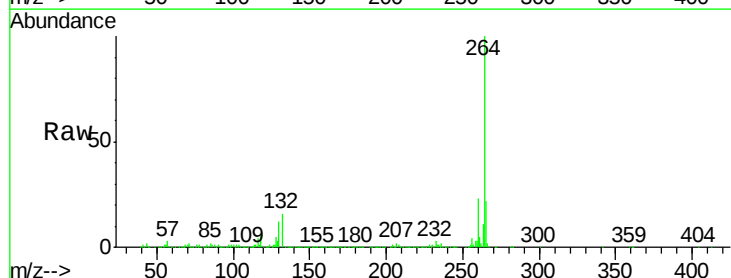
Tgt Ion:264 Resp: 653608

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.8 17.0 25.6



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

