

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
 Data File : BF114012.D
 Acq On : 26 Apr 2019 16:23
 Operator : JU/SJ
 Sample : K2571-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 114-PENNINGTON

Quant Time: Apr 29 05:32:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

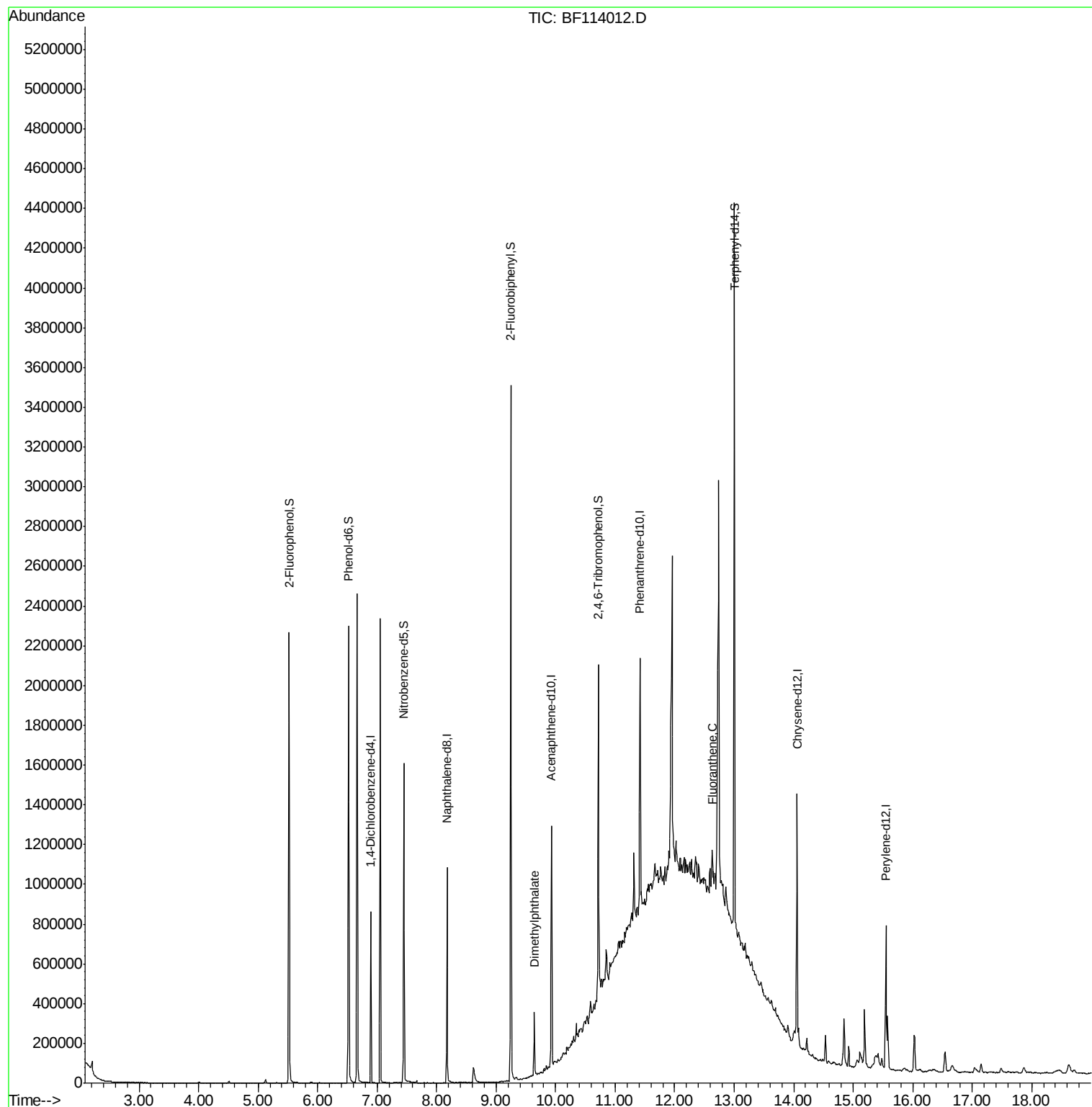
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	124583	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	479907	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	258326	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	506121	20.00	ng	0.00
76) Chrysene-d12	14.06	240	407477	20.00	ng	-0.01
87) Perylene-d12	15.55	264	361876	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	678078	93.09	ng	0.00
7) Phenol-d6	6.52	99	891149	97.51	ng	0.00
23) Nitrobenzene-d5	7.45	82	534475	68.76	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	274337	87.18	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1124651	68.09	ng	0.00
79) Terphenyl-d14	13.00	244	1355859	68.22	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	126537	6.773	ng	99
75) Fluoranthene	12.63	202	66552	2.398	ng	94

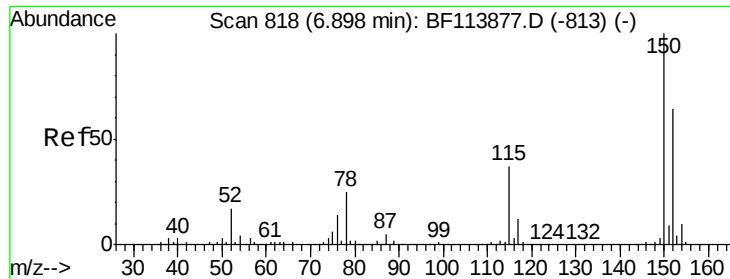
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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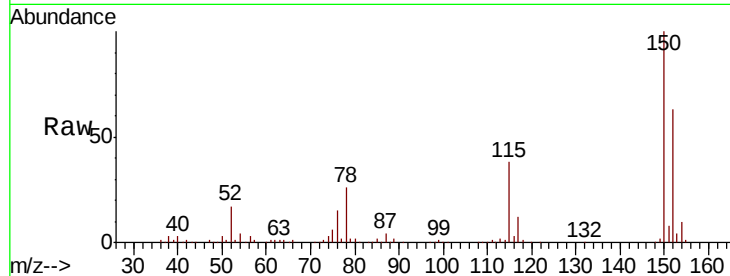


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114012.D
Acq: 26 Apr 2019 16:23

Instrument :
BNA_F
ClientSampleId :
114-PENNINGTON

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.9	188.9
115	60.2	45.9	68.9

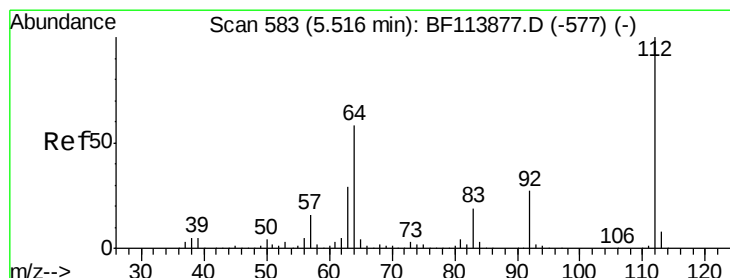
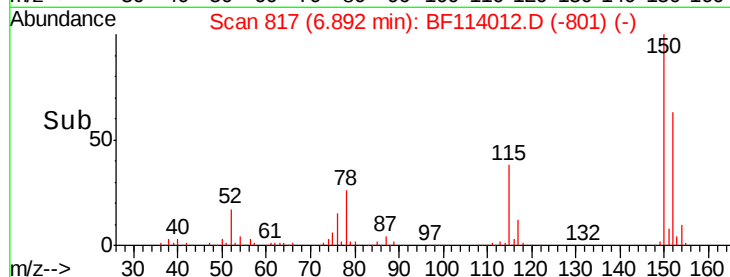
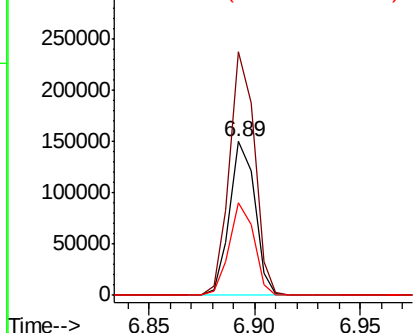


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

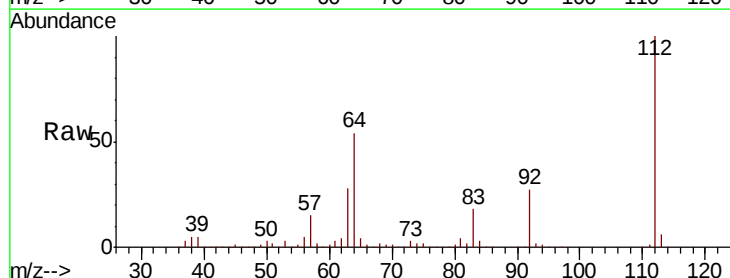
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.091 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF114012.D
Acq: 26 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.6	69.8
63	27.7	23.1	34.7

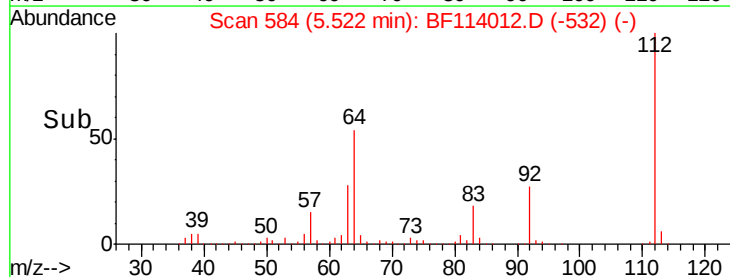
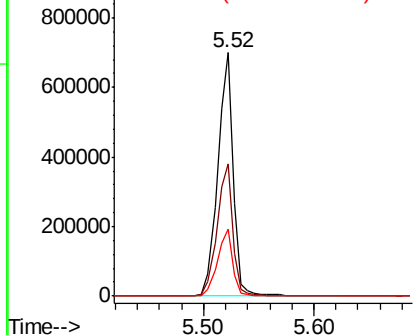


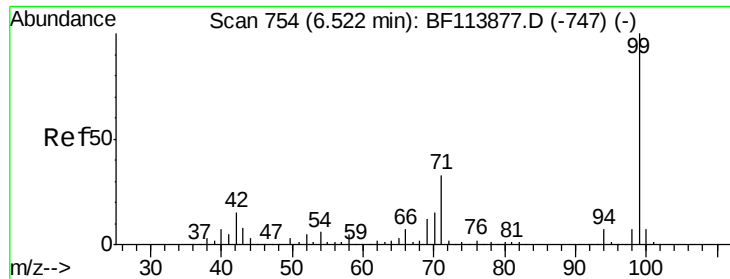
Abundance

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: 97.514 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF114012.D

Acq: 26 Apr 2019 16:23

Instrument :

BNA_F

ClientSampleId :

114-PENNINGTON

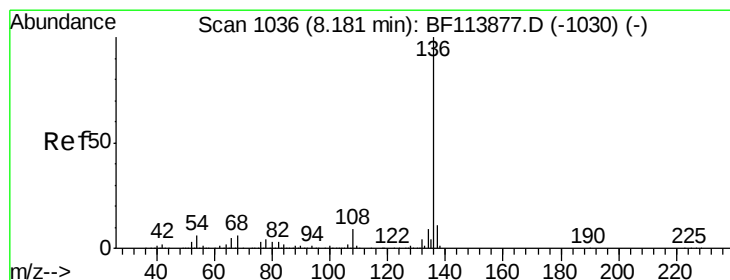
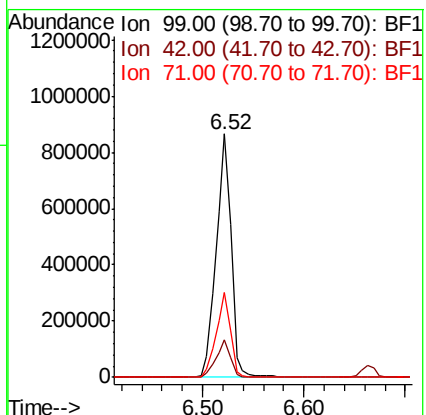
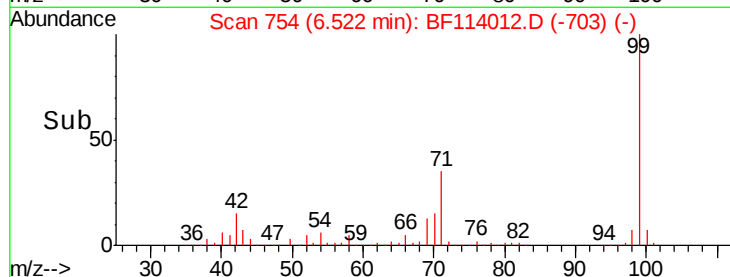
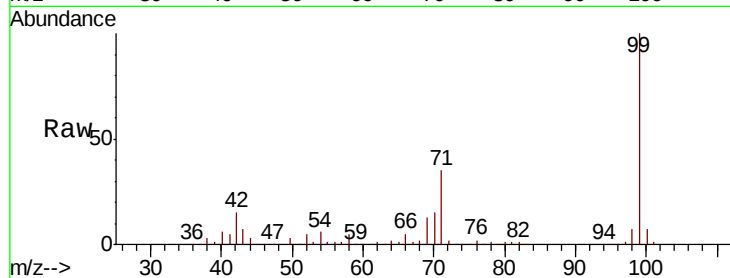
Tgt Ion: 99 Resp: 891149

Ion Ratio Lower Upper

99 100

42 15.2 12.5 18.7

71 34.8 26.9 40.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114012.D

Acq: 26 Apr 2019 16:23

Tgt Ion: 136 Resp: 479907

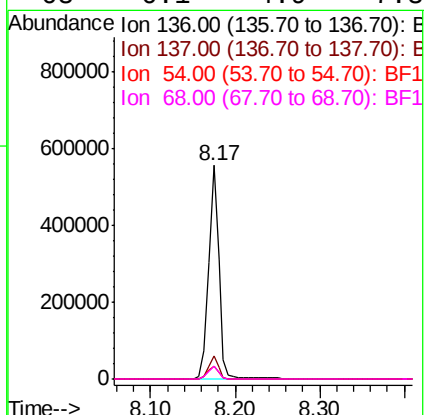
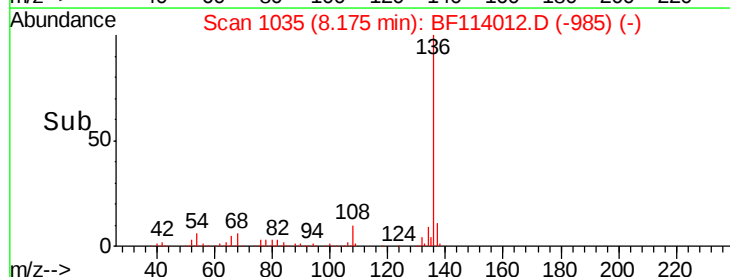
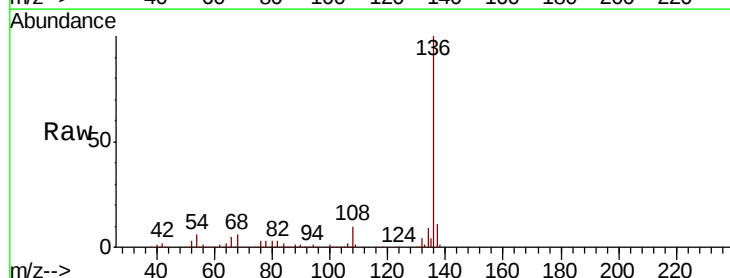
Ion Ratio Lower Upper

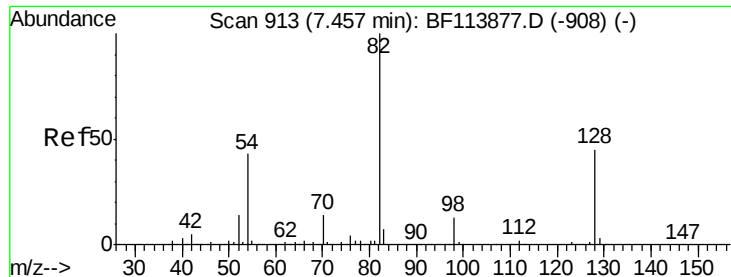
136 100

137 10.8 8.6 12.8

54 6.3 5.0 7.6

68 6.1 4.9 7.3

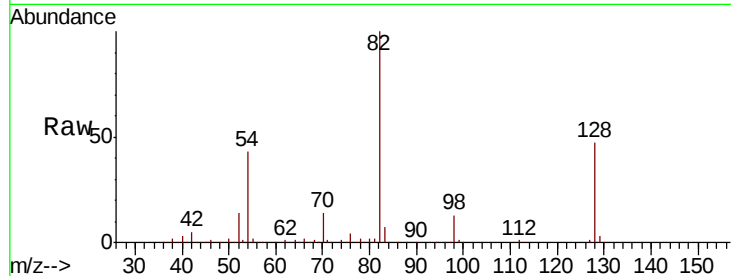




#23
Nitrobenzene-d5
Concen: 68.765 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114012.D
Acq: 26 Apr 2019 16:23

Instrument :
BNA_F
ClientSampleId :
114-PENNINGTON

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.8	55.2
54	43.2	33.8	50.6

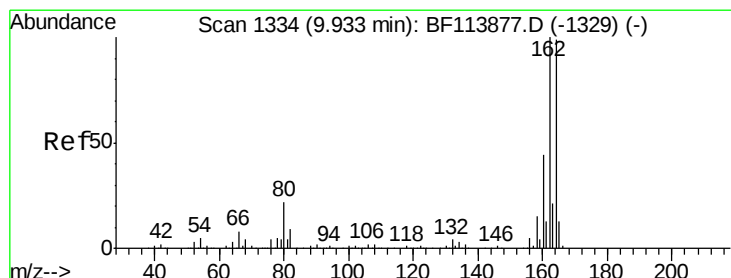
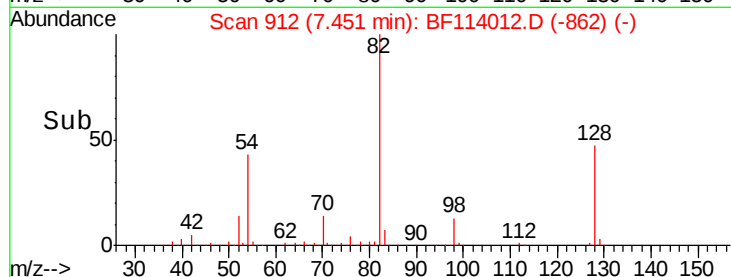
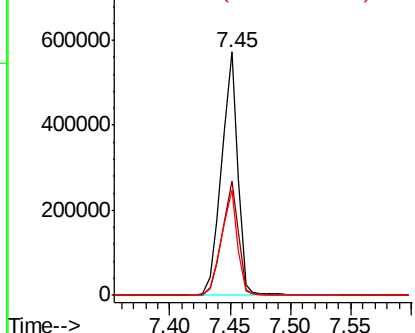


Abundance

Ion 82.00 (81.70 to 82.70): BF1

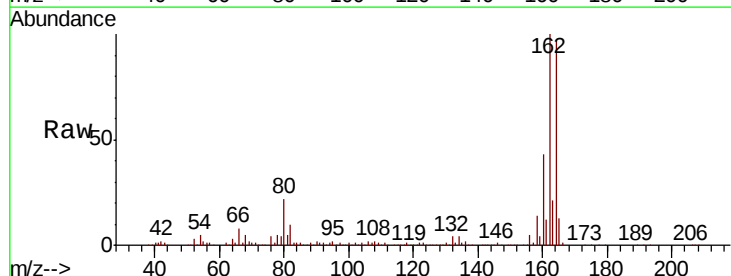
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114012.D
Acq: 26 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.1	121.7
160	43.9	35.8	53.6

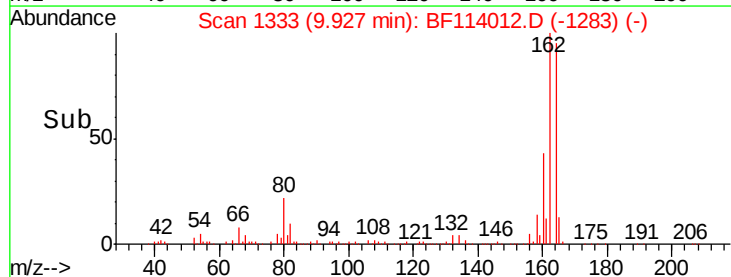
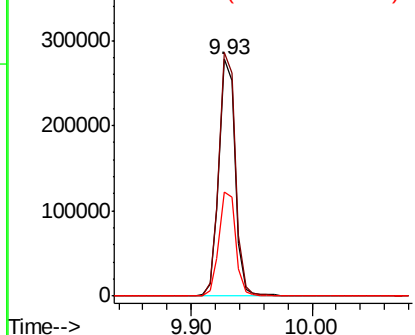


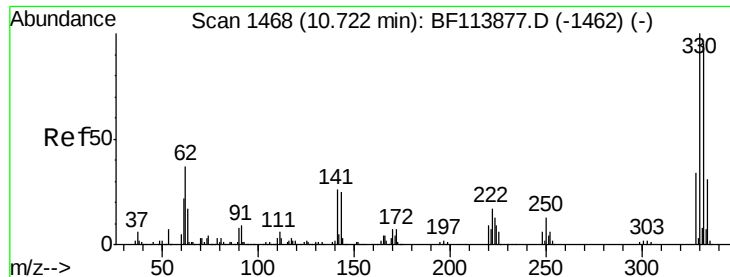
Abundance

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

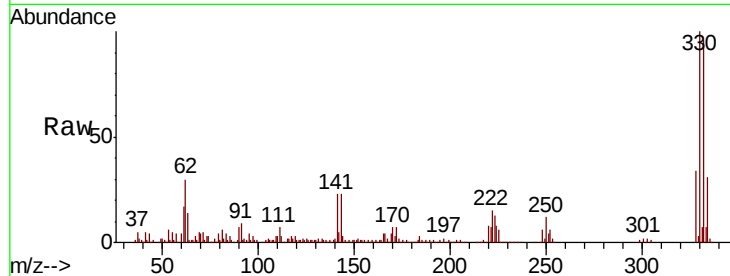




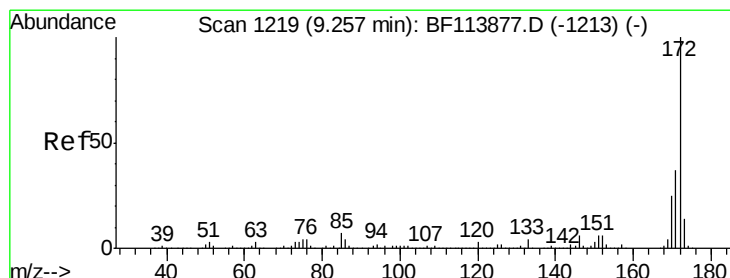
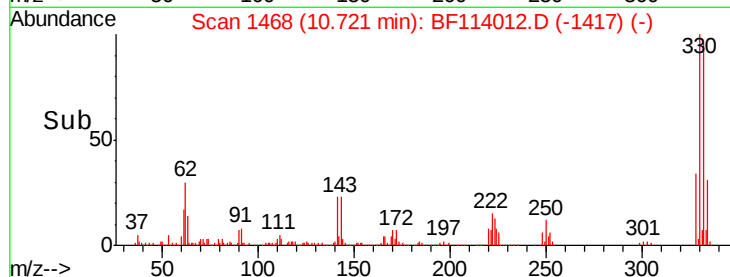
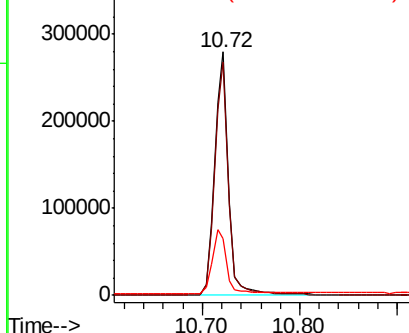
#42
 2,4,6-Tribromophenol
 Concen: 87.176 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF114012.D
 Acq: 26 Apr 2019 16:23

Instrument :
 BNA_F
 ClientSampleId :
 114-PENNINGTON

Tgt Ion:330 Resp: 274337
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.5 116.3
 141 29.0 22.2 33.2

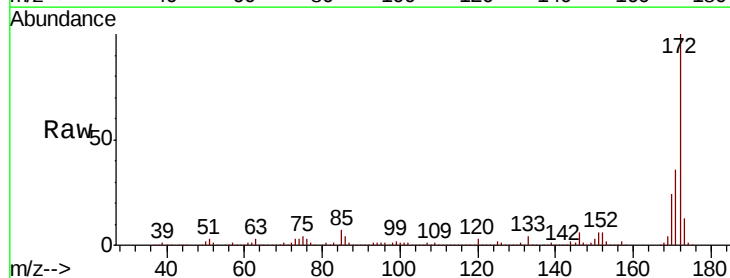


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

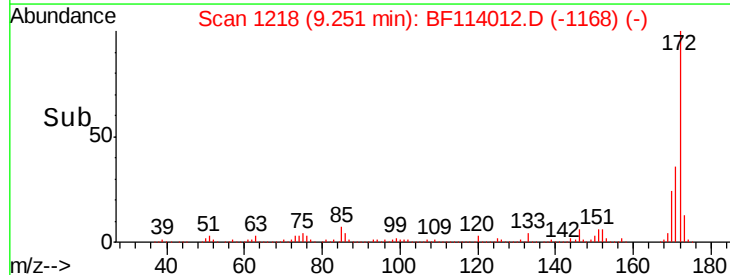
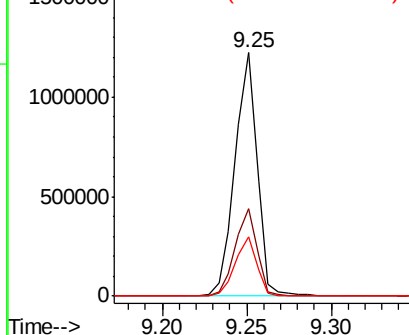


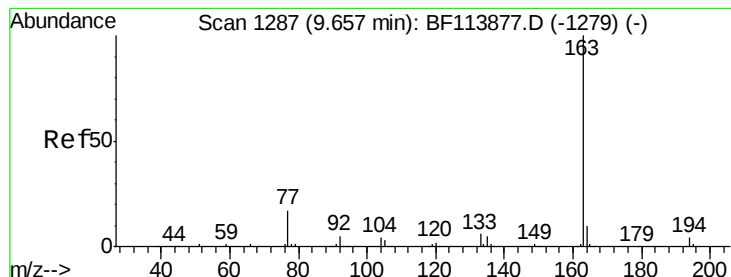
#45
 2-Fluorobiphenyl
 Concen: 68.092 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF114012.D
 Acq: 26 Apr 2019 16:23

Tgt Ion:172 Resp: 1124651
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.2 19.9 29.9



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: 6.773 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF114012.D

Acq: 26 Apr 2019 16:23

Instrument :

BNA_F

ClientSampleId :

114-PENNINGTON

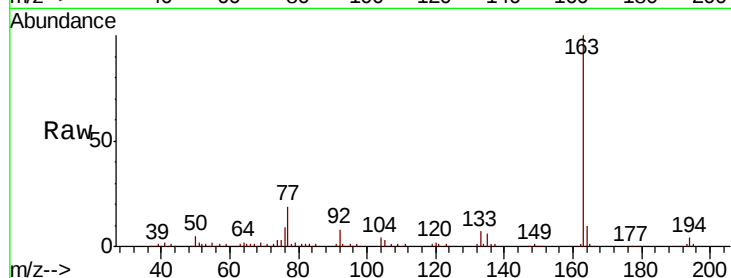
Tgt Ion:163 Resp: 126537

Ion Ratio Lower Upper

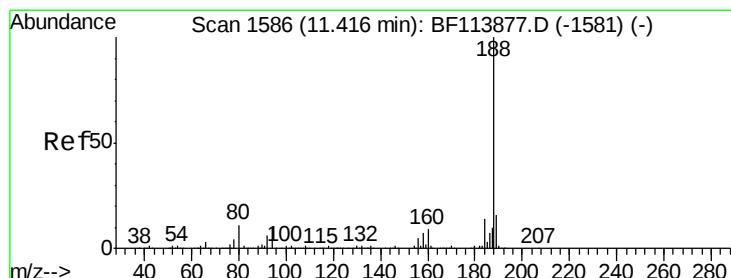
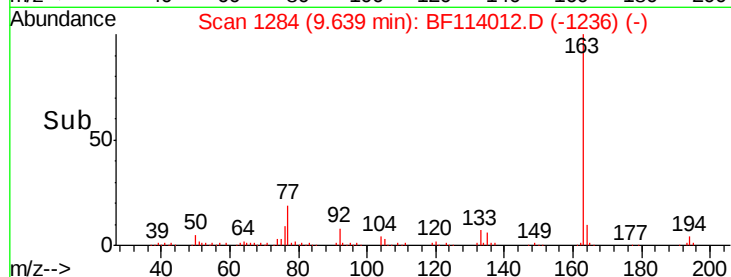
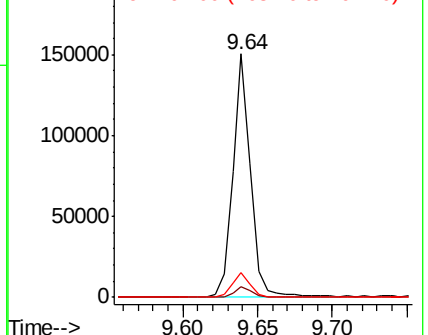
163 100

194 4.3 3.4 5.2

164 10.0 8.5 12.7



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: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF114012.D

Acq: 26 Apr 2019 16:23

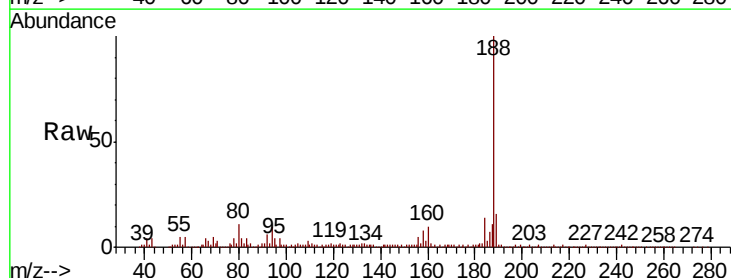
Tgt Ion:188 Resp: 506121

Ion Ratio Lower Upper

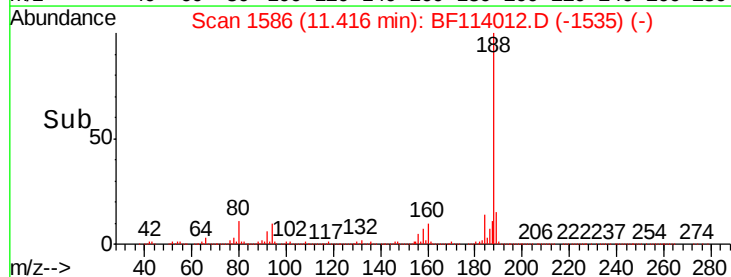
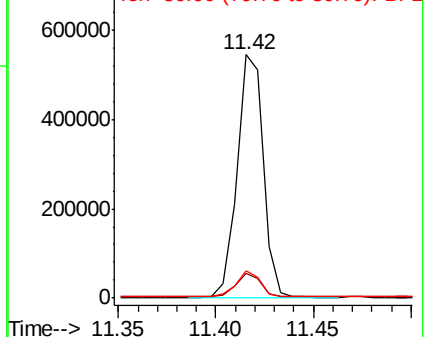
188 100

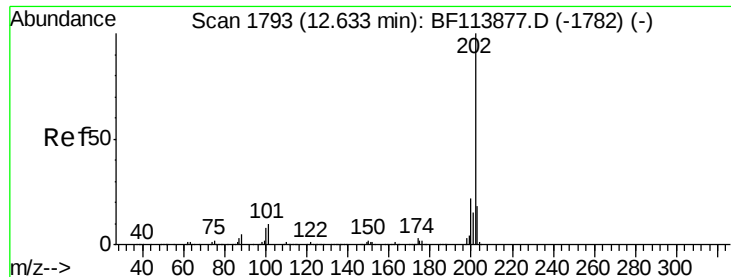
94 10.2 8.2 12.4

80 11.2 9.0 13.6



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





#75

Fluoranthene

Concen: 2.398 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF114012.D

Acq: 26 Apr 2019 16:23

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114-PENNINGTON

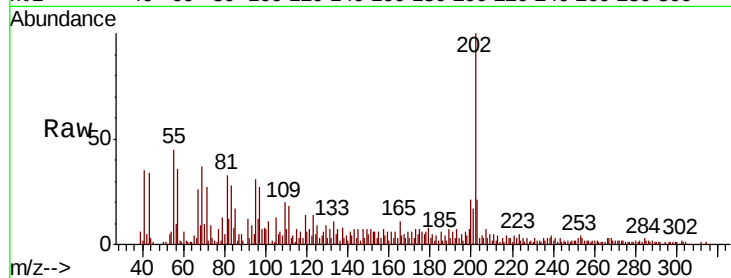
Tgt Ion:202 Resp: 66552

Ion Ratio Lower Upper

202 100

101 10.5 0.0 32.9

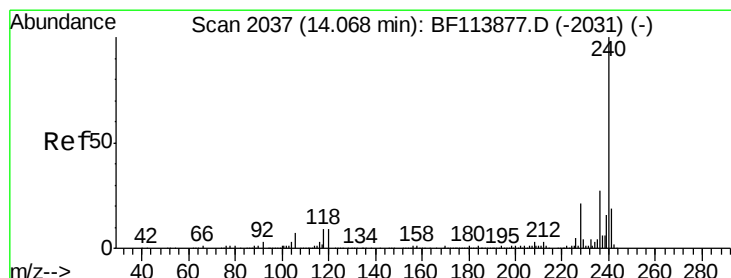
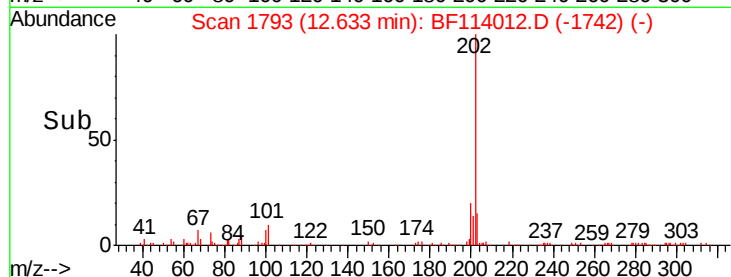
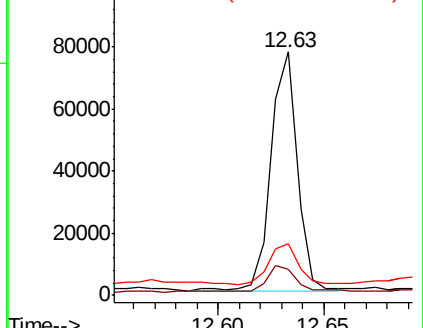
203 21.1 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF114012.D

Acq: 26 Apr 2019 16:23

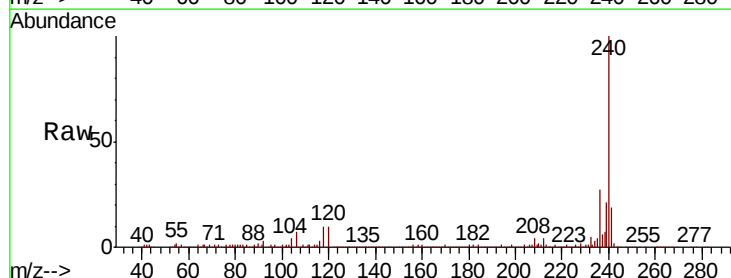
Tgt Ion:240 Resp: 407477

Ion Ratio Lower Upper

240 100

120 10.3 9.3 13.9

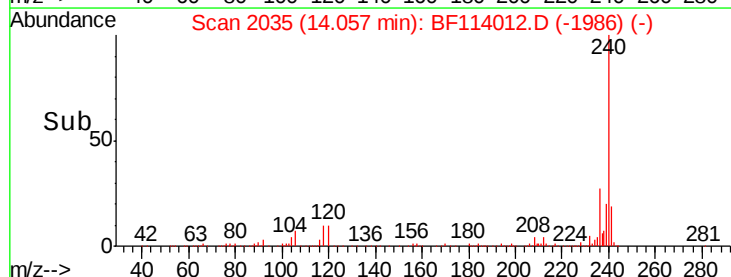
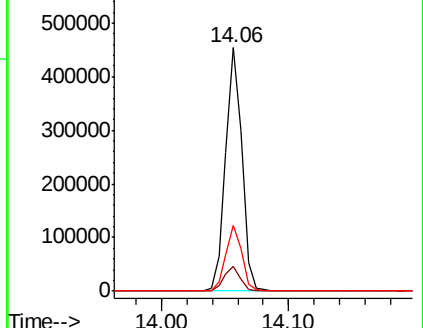
236 26.8 21.2 31.8

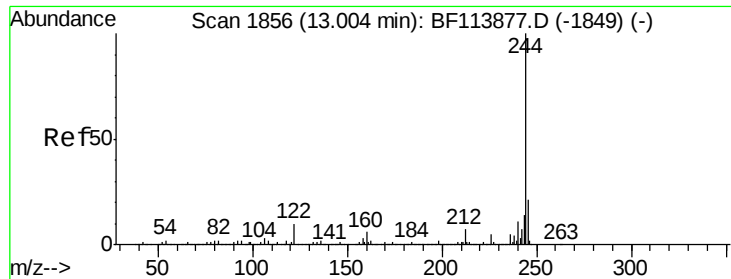


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.217 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF114012.D

Acq: 26 Apr 2019 16:23

Instrument :

BNA_F

ClientSampleId :

114-PENNINGTON

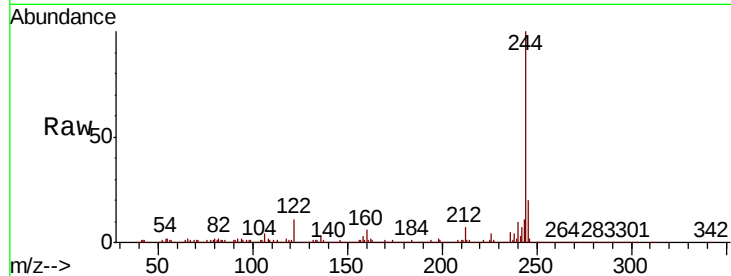
Tgt Ion:244 Resp: 1355859

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

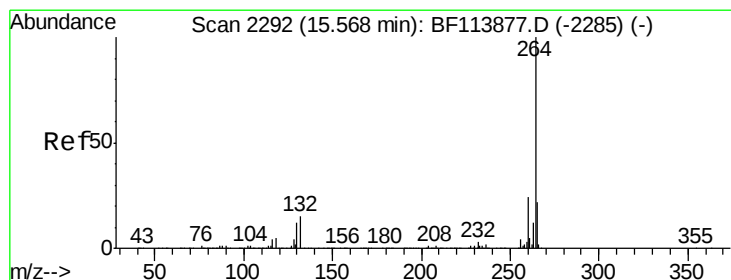
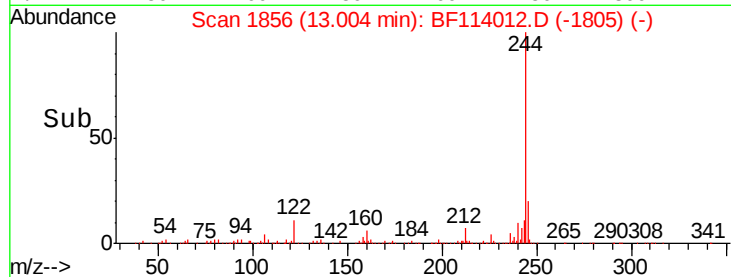
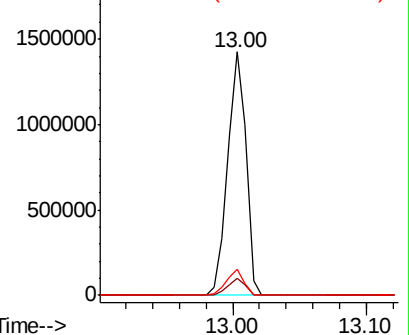
122 10.7 7.6 11.4



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: 15.55 min Scan# 2289

Delta R.T. -0.02 min

Lab File: BF114012.D

Acq: 26 Apr 2019 16:23

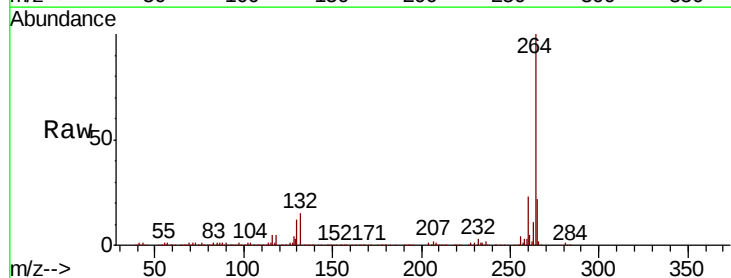
Tgt Ion:264 Resp: 361876

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 22.0 17.3 25.9



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

