

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
 Data File : BF114018.D
 Acq On : 29 Apr 2019 12:20
 Operator : JU/SJ
 Sample : K2571-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 114-PENNINGTON

Quant Time: Apr 30 10:20:30 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

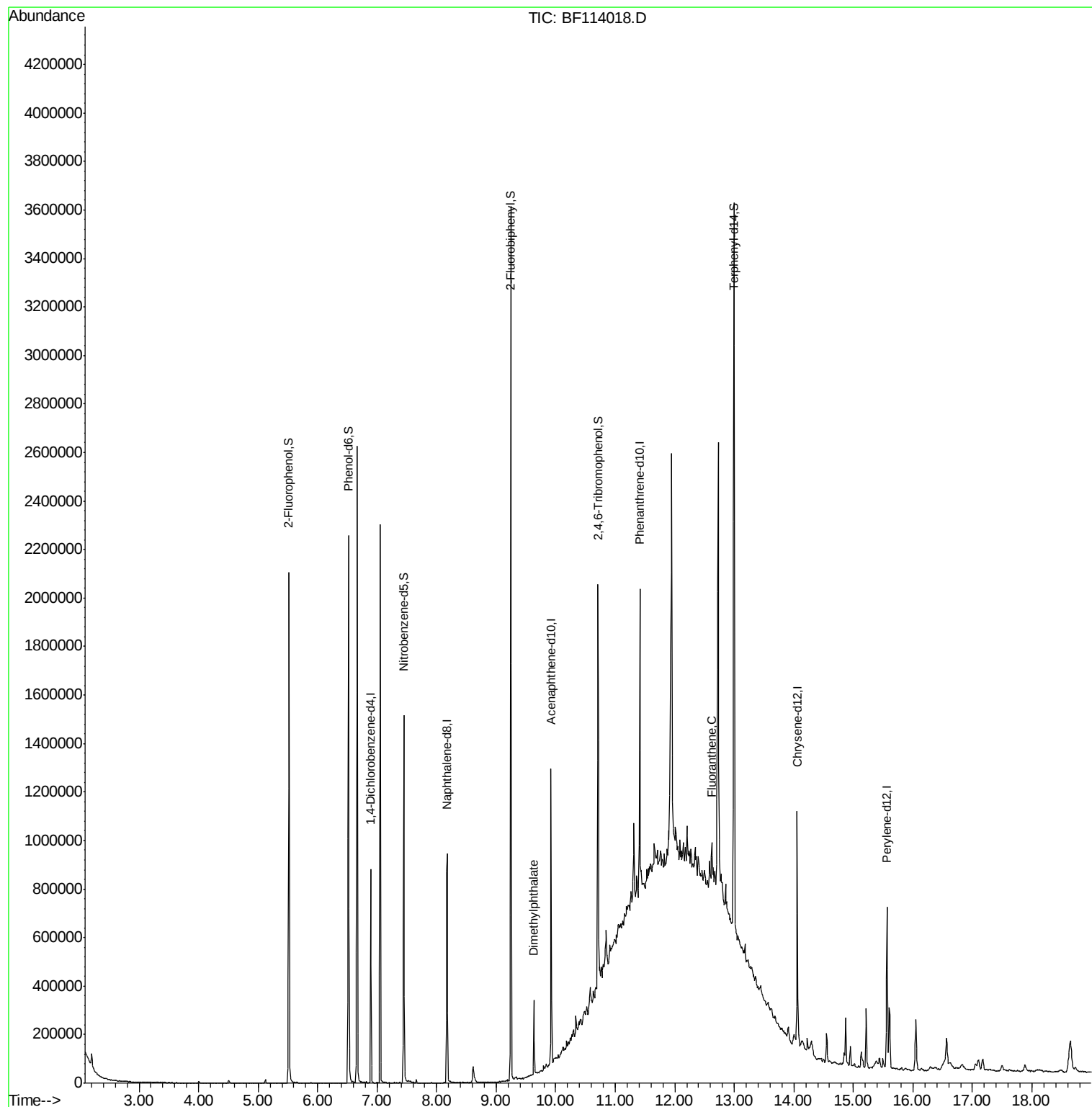
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	121256	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	459200	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	243645	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	441649	20.00	ng	0.00
76) Chrysene-d12	14.06	240	322420	20.00	ng	-0.01
87) Perylene-d12	15.57	264	334753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	652102	91.98	ng	0.00
7) Phenol-d6	6.52	99	853366	95.94	ng	0.00
23) Nitrobenzene-d5	7.45	82	518648	69.74	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	231258	77.91	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1068542	68.59	ng	-0.01
79) Terphenyl-d14	12.99	244	1122948	71.40	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.63	163	116773	6.627	ng	99
75) Fluoranthene	12.62	202	51818	2.140	ng	92

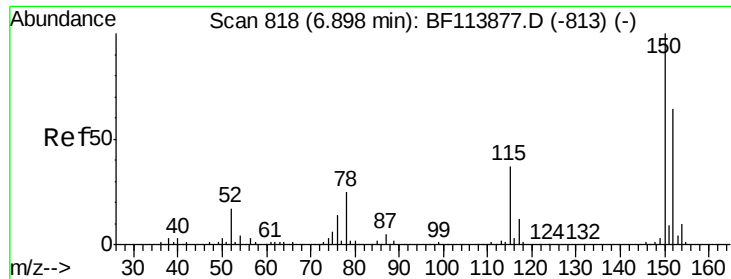
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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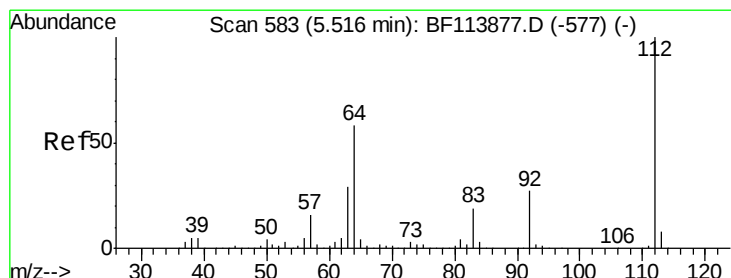
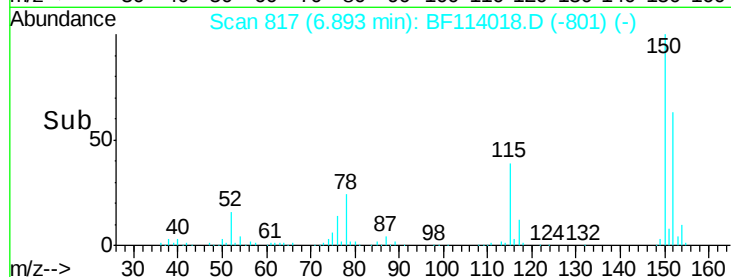
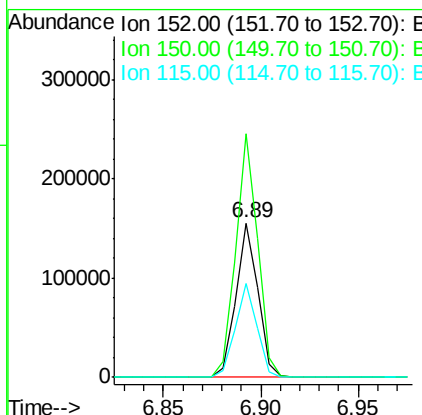
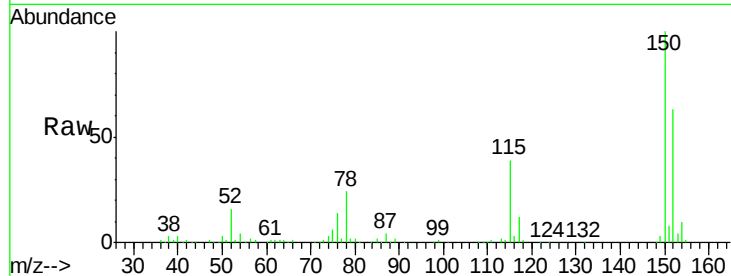




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF114018.D
 Acq: 29 Apr 2019 12:20

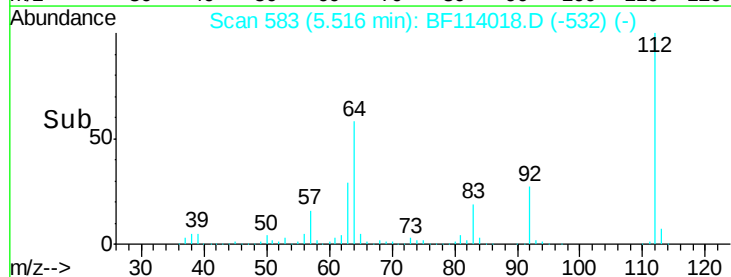
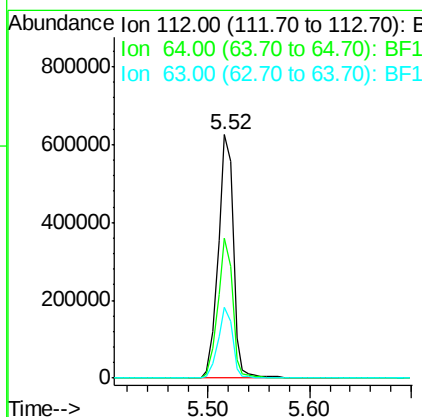
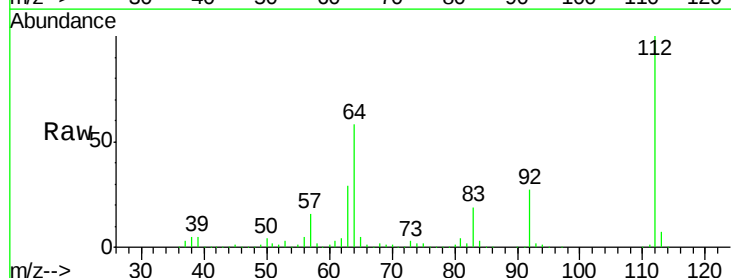
Instrument :
 BNA_F
 ClientSampleId :
 114-PENNINGTON

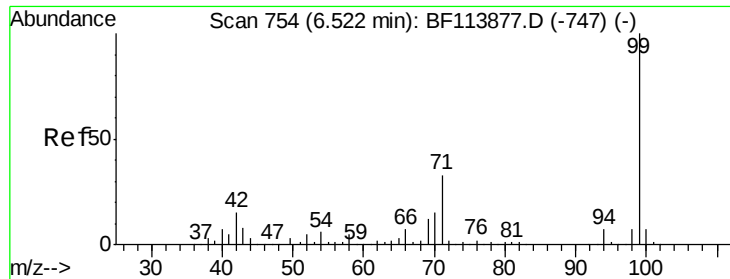
Tgt Ion:152 Resp: 121256
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.9 188.9
 115 60.8 45.9 68.9



#5
 2-Fluorophenol
 Concen: 91.981 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF114018.D
 Acq: 29 Apr 2019 12:20

Tgt Ion:112 Resp: 652102
 Ion Ratio Lower Upper
 112 100
 64 57.7 46.6 69.8
 63 29.0 23.1 34.7





#7

Phenol-d6

Concen: 95.942 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF114018.D

Acq: 29 Apr 2019 12:20

Instrument :

BNA_F

ClientSampleId :

114-PENNINGTON

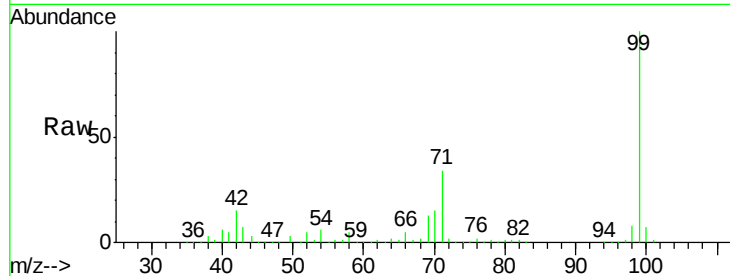
Tgt Ion: 99 Resp: 853366

Ion Ratio Lower Upper

99 100

42 14.7 12.5 18.7

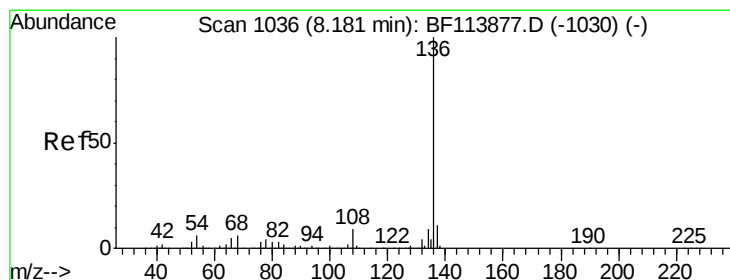
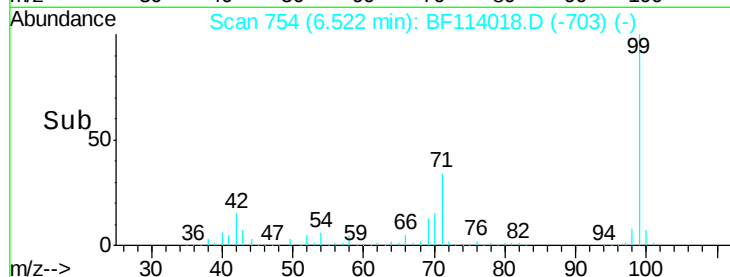
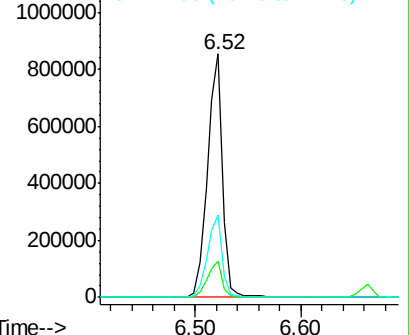
71 33.9 26.9 40.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114018.D

Acq: 29 Apr 2019 12:20

Tgt Ion: 136 Resp: 459200

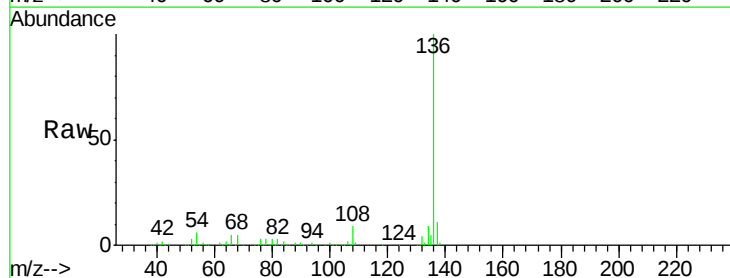
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 5.6 5.0 7.6

68 5.4 4.9 7.3

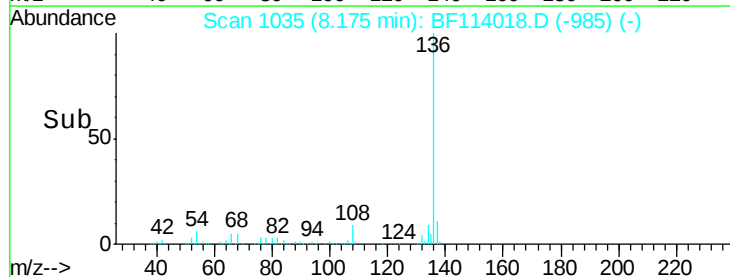
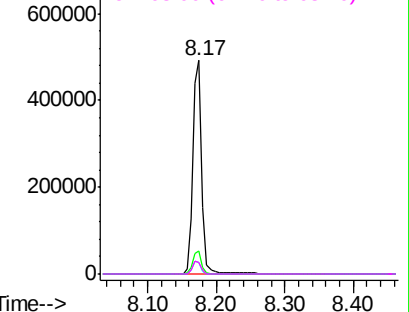


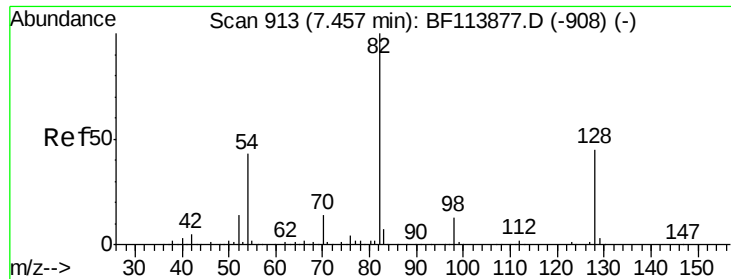
Abundance Ion 136.00 (135.70 to 136.70): E

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

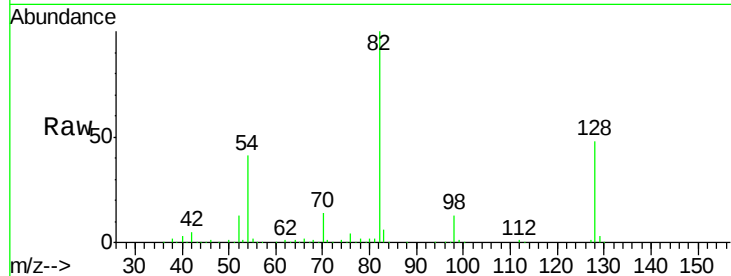




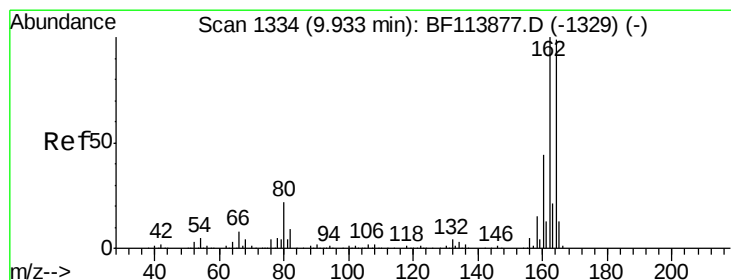
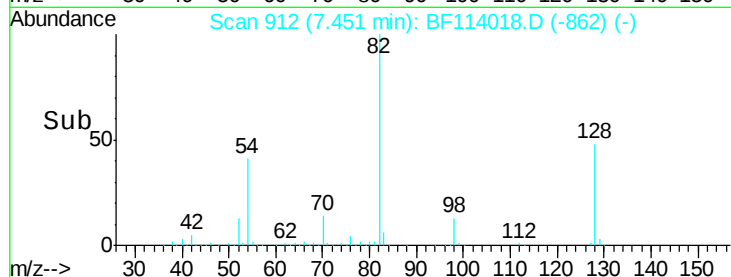
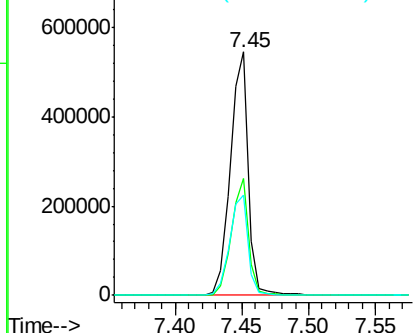
#23
 Nitrobenzene-d5
 Concen: 69.737 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF114018.D
 Acq: 29 Apr 2019 12:20

Instrument :
 BNA_F
 ClientSampleId :
 114-PENNINGTON

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.8	55.2
54	41.0	33.8	50.6

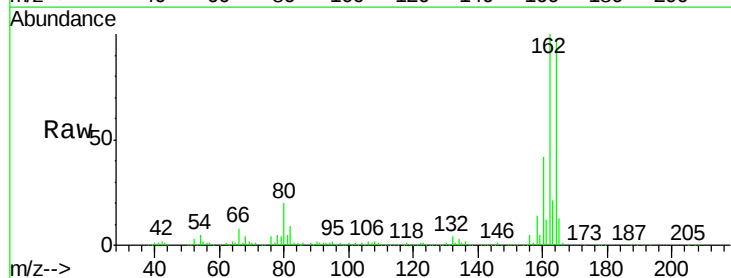


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

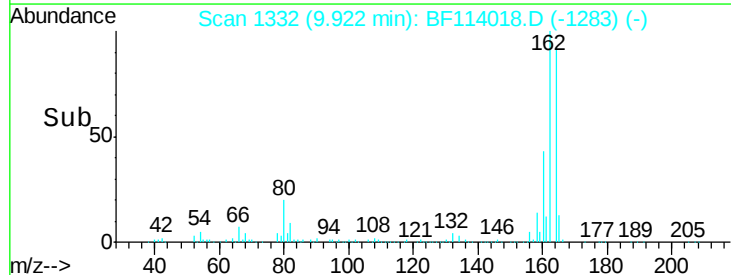
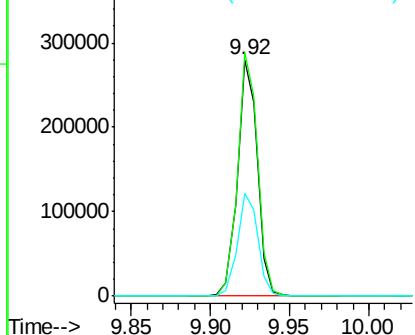


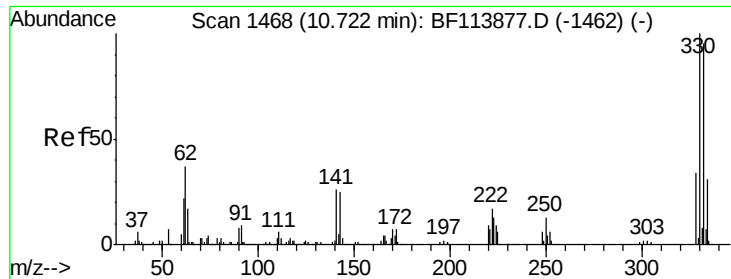
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF114018.D
 Acq: 29 Apr 2019 12:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.1	121.7
160	43.8	35.8	53.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

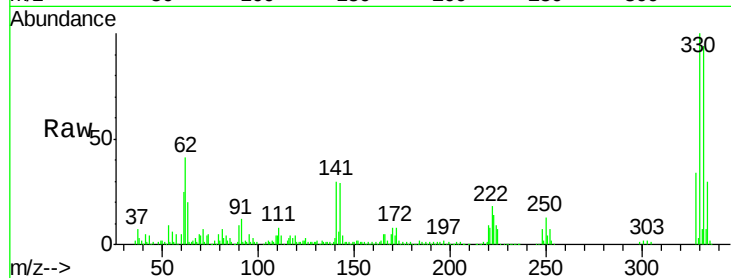




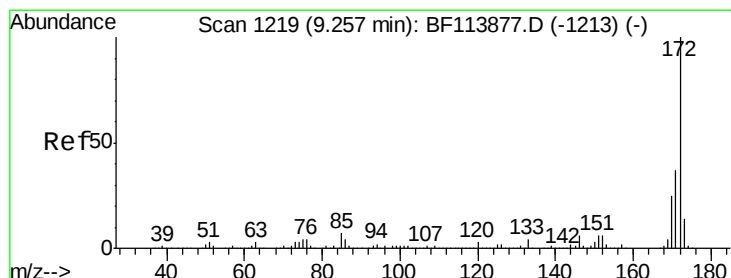
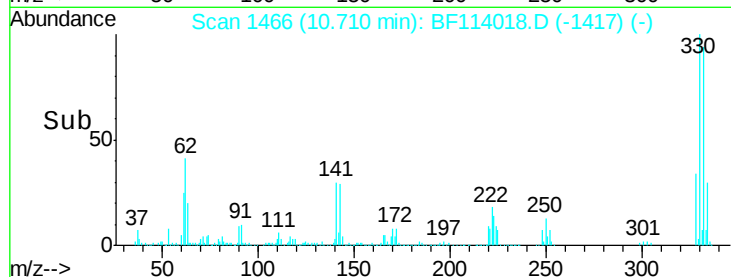
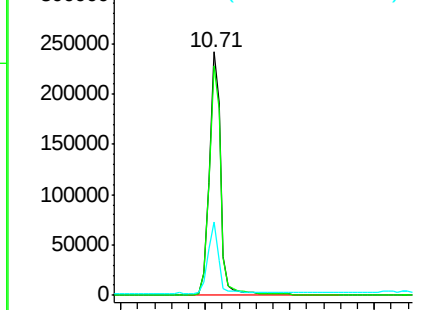
#42
 2,4,6-Tribromophenol
 Concen: 77.915 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF114018.D
 Acq: 29 Apr 2019 12:20

Instrument :
 BNA_F
 ClientSampleId :
 114-PENNINGTON

Tgt Ion:330 Resp: 231258
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.5 116.3
 141 26.9 22.2 33.2

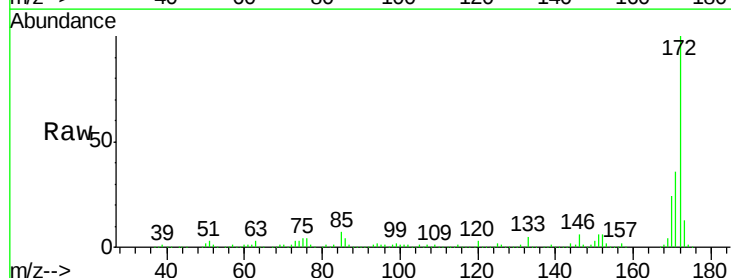


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

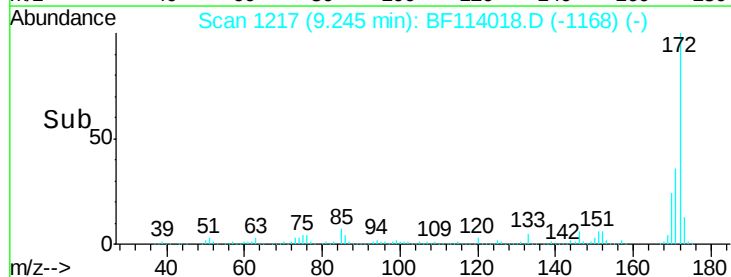
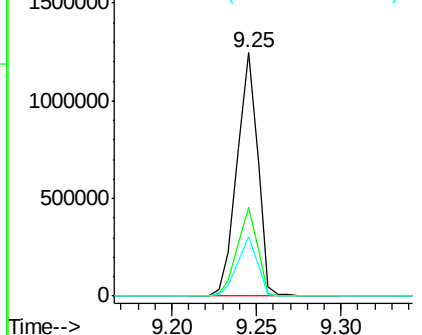


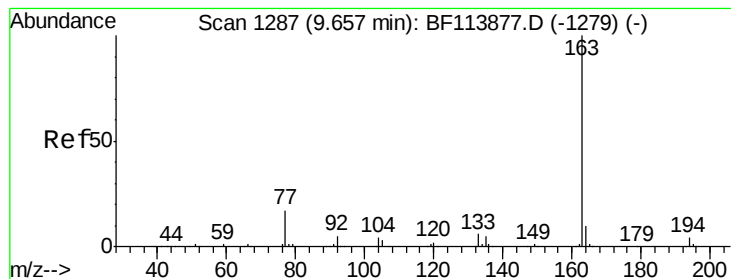
#45
 2-Fluorobiphenyl
 Concen: 68.593 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF114018.D
 Acq: 29 Apr 2019 12:20

Tgt Ion:172 Resp: 1068542
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.3 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: 6.627 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF114018.D

Acq: 29 Apr 2019 12:20

Instrument :

BNA_F

ClientSampleId :

114-PENNINGTON

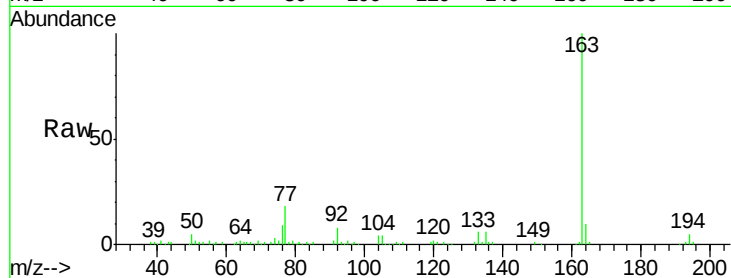
Tgt Ion:163 Resp: 116773

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

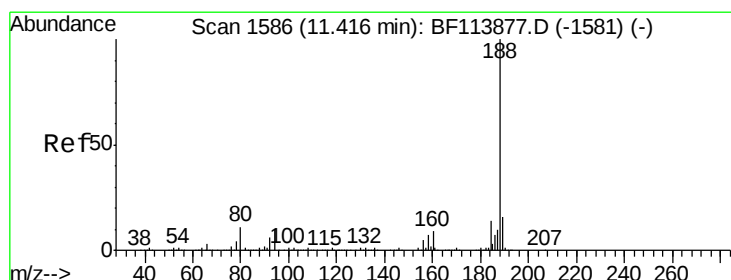
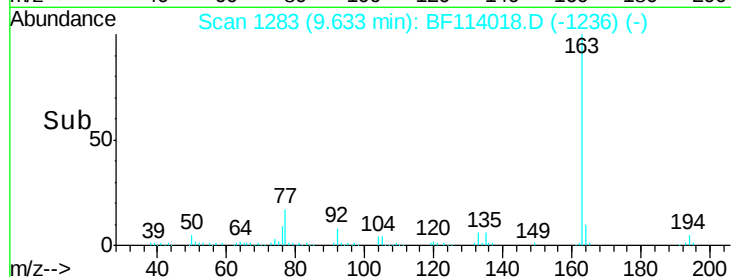
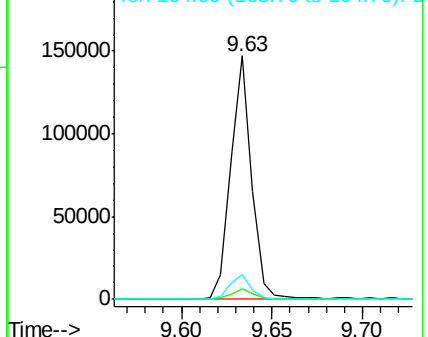
164 10.2 8.5 12.7



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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF114018.D

Acq: 29 Apr 2019 12:20

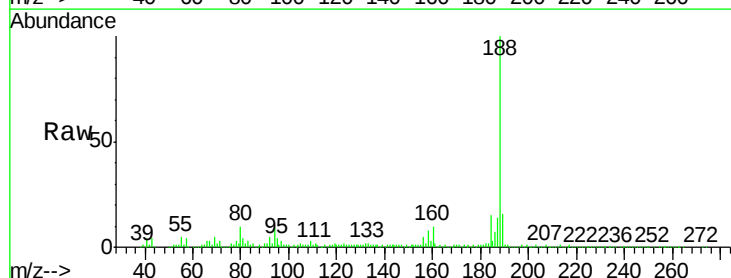
Tgt Ion:188 Resp: 441649

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

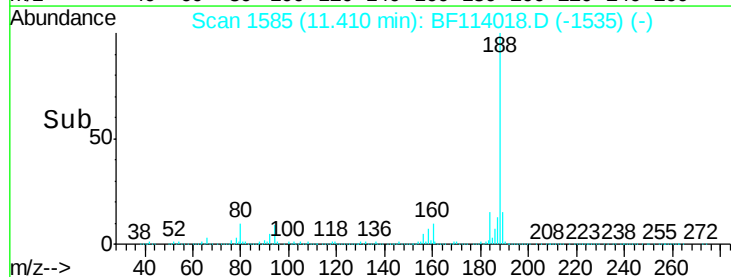
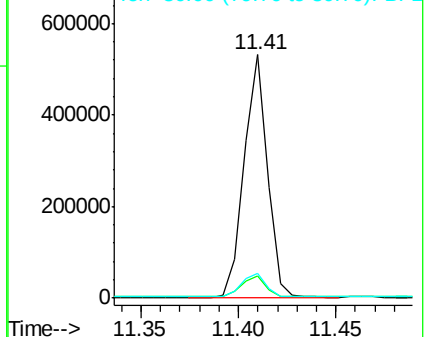
80 10.0 9.0 13.6

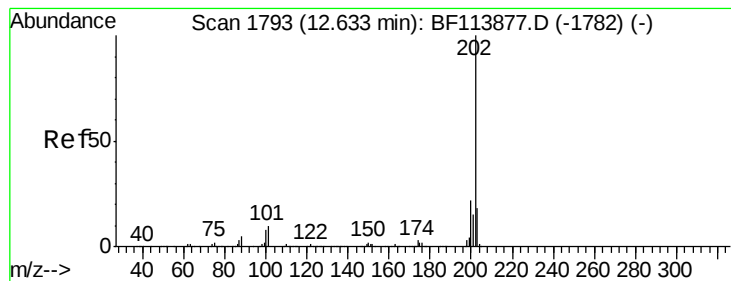


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.140 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF114018.D

Acq: 29 Apr 2019 12:20

Instrument :

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ClientSampleId :

114-PENNINGTON

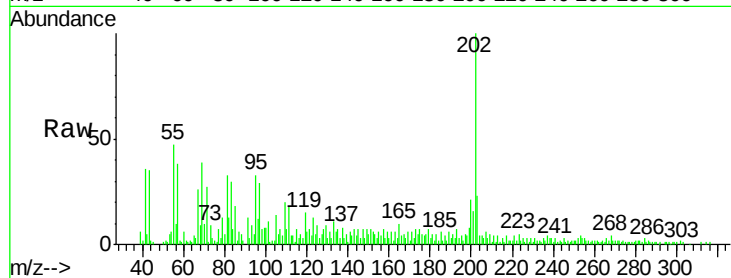
Tgt Ion:202 Resp: 51818

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.9

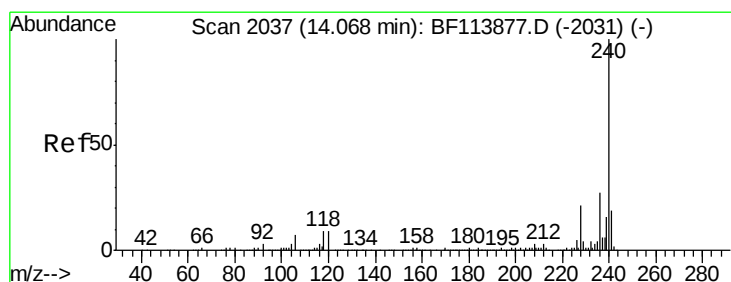
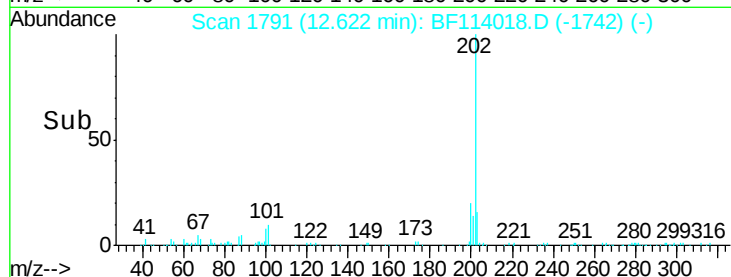
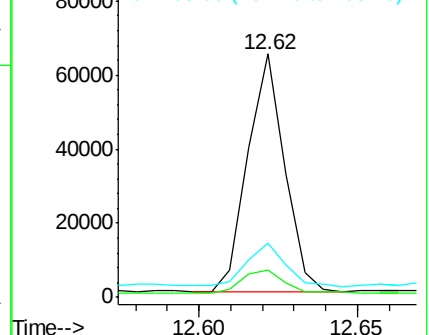
203 22.5 0.0 38.2



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: BF114018.D

Acq: 29 Apr 2019 12:20

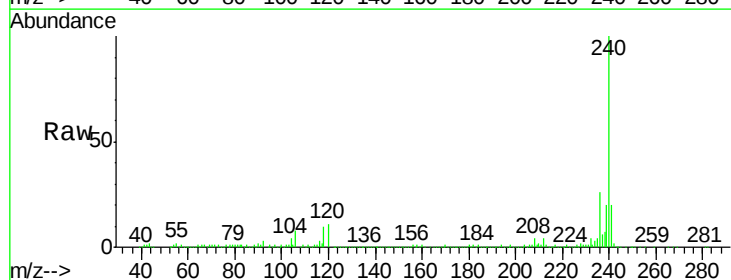
Tgt Ion:240 Resp: 322420

Ion Ratio Lower Upper

240 100

120 10.7 9.3 13.9

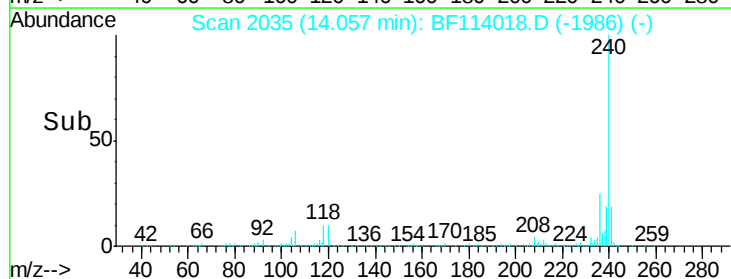
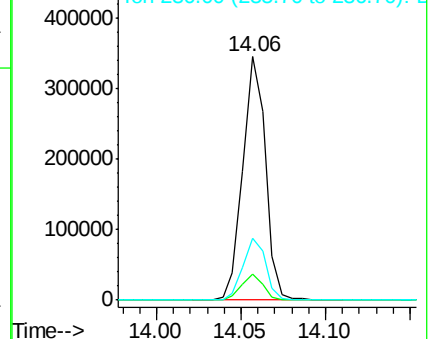
236 25.5 21.2 31.8

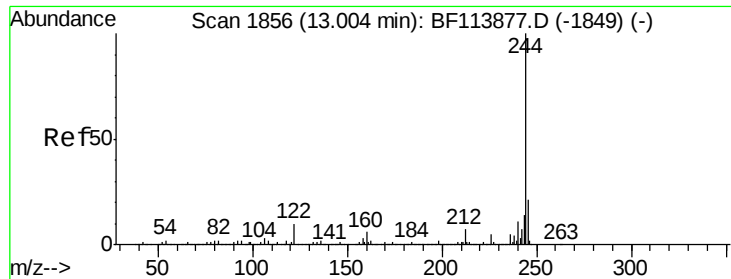


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

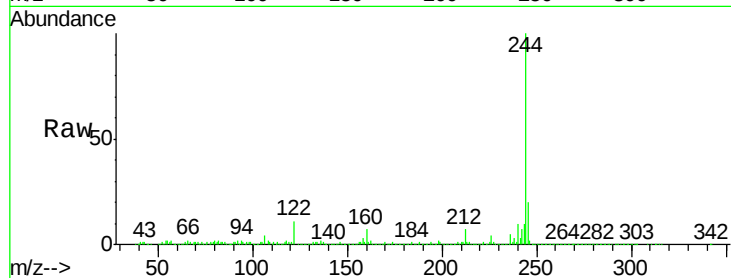




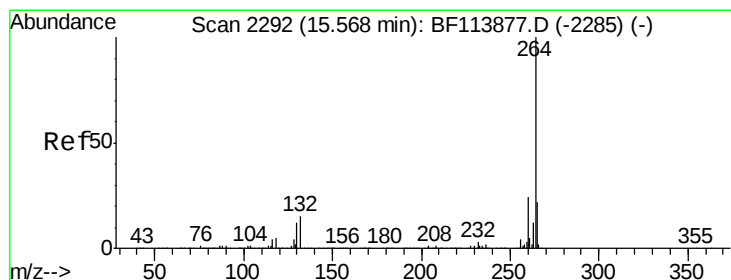
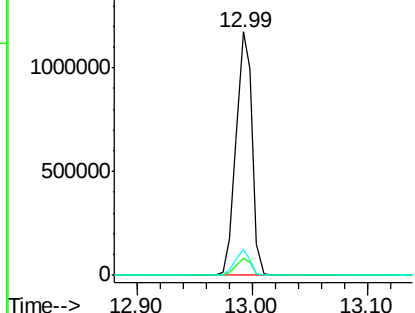
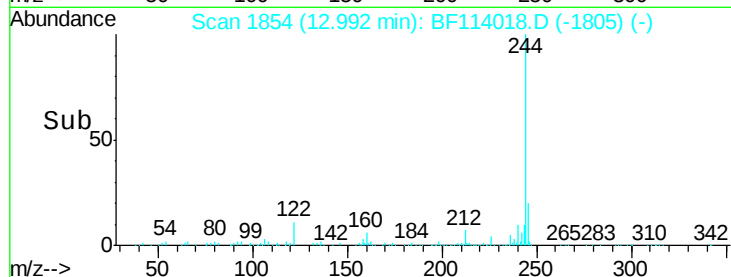
#79
 Terphenyl-d14
 Concen: 71.404 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF114018.D
 Acq: 29 Apr 2019 12:20

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Tgt Ion:244 Resp: 1122948
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.8 7.6 11.4

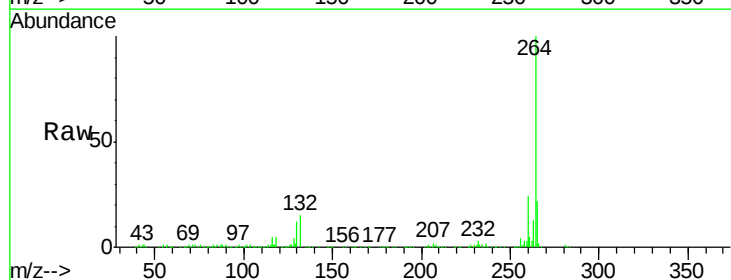


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF114018.D
 Acq: 29 Apr 2019 12:20

Tgt Ion:264 Resp: 334753
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.6 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

