

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113165.D
 Acq On : 20 Mar 2019 12:22
 Operator : JU/SJ
 Sample : K1971-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(6-7)-031519

Quant Time: Mar 21 12:08:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

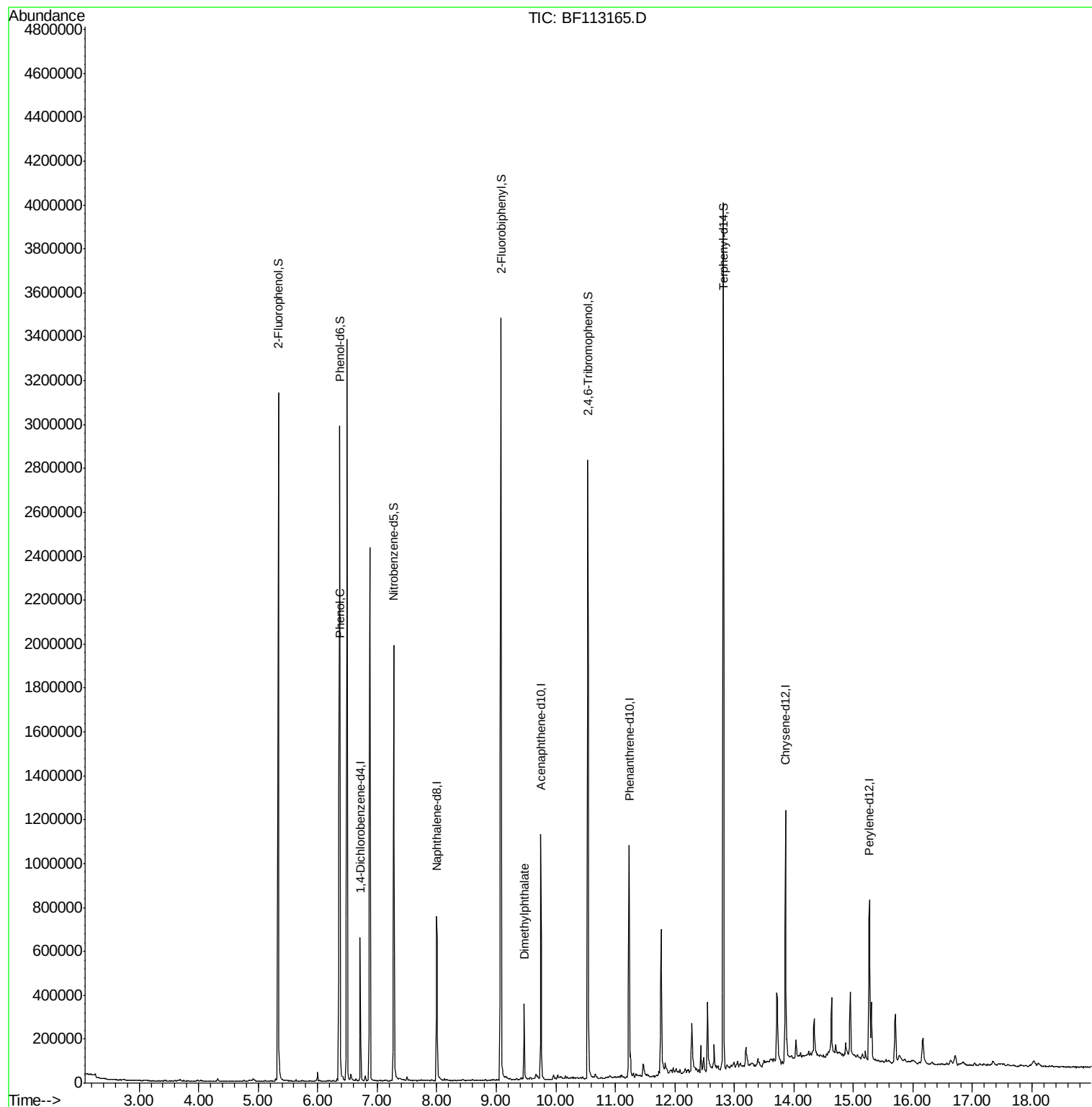
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	102098	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	380672	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	212382	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	441630	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	429727	20.00	ng	-0.01
87) Perylene-d12	15.27	264	337305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	924644	140.88	ng	0.00
7) Phenol-d6	6.37	99	1148115	139.25	ng	0.00
23) Nitrobenzene-d5	7.28	82	655042	102.97	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	390262	173.09	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	1206407	98.07	ng	-0.01
79) Terphenyl-d14	12.82	244	1423271	64.20	ng	0.00
Target Compounds						
10) Phenol	6.38	94	70453	7.323	ng	91
50) Dimethylphthalate	9.47	163	131903	8.423	ng	98

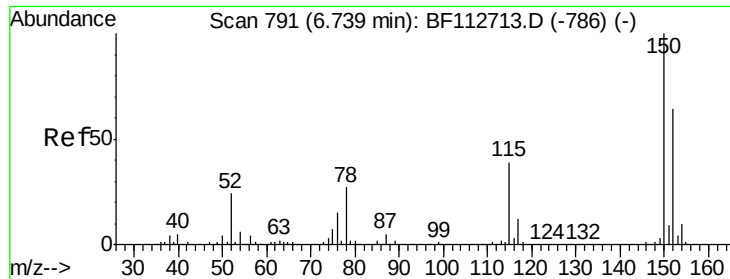
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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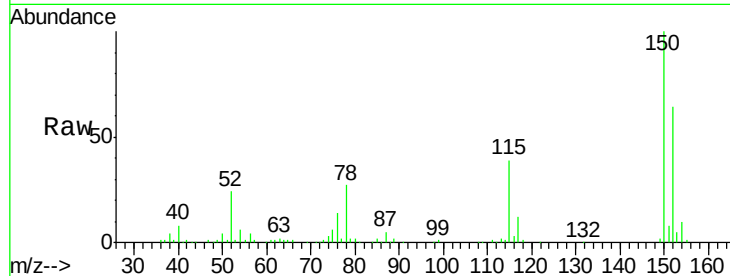




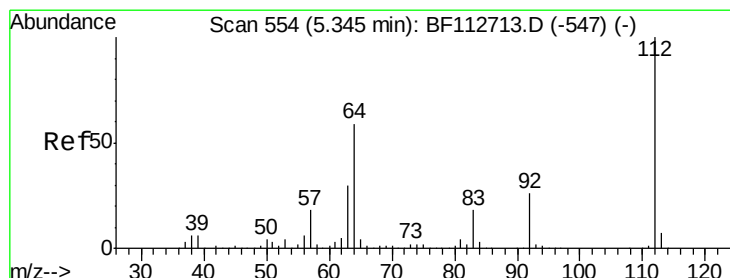
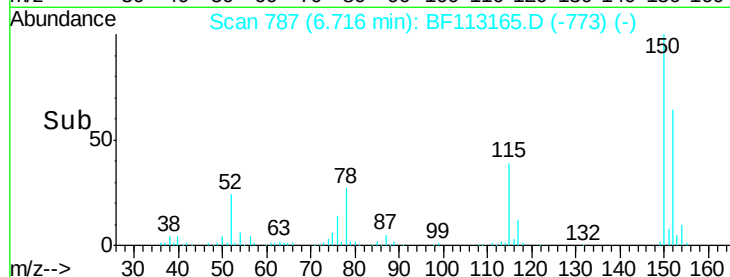
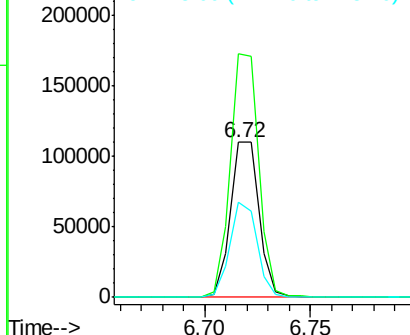
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF113165.D
 Acq: 20 Mar 2019 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(6-7)-031519

Tgt Ion:152 Resp: 102098
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.2 186.2
 115 61.7 48.2 72.4

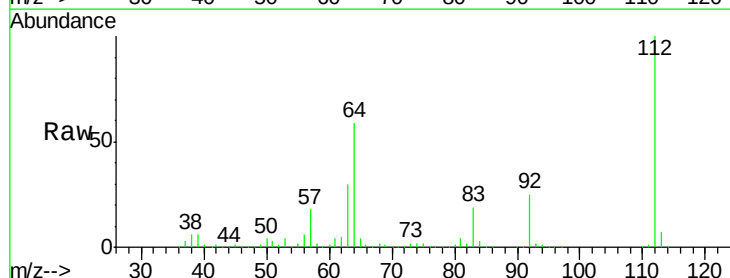


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

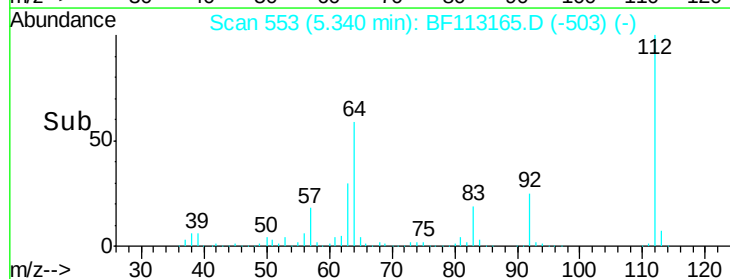
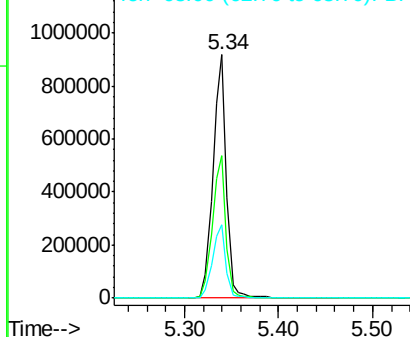


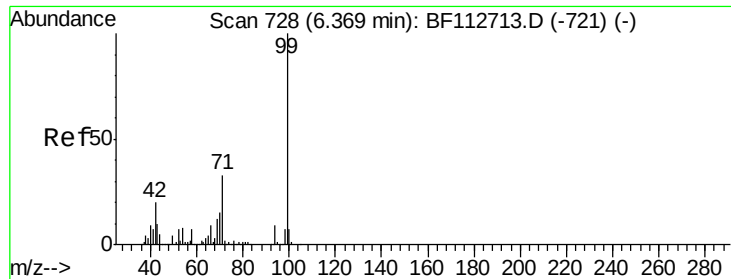
#5
 2-Fluorophenol
 Concen: 140.877 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF113165.D
 Acq: 20 Mar 2019 12:22

Tgt Ion:112 Resp: 924644
 Ion Ratio Lower Upper
 112 100
 64 58.8 47.6 71.4
 63 30.1 24.4 36.6



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: 139.253 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113165.D

Acq: 20 Mar 2019 12:22

Instrument :

BNA_F

ClientSampleId :

SB-10(6-7)-031519

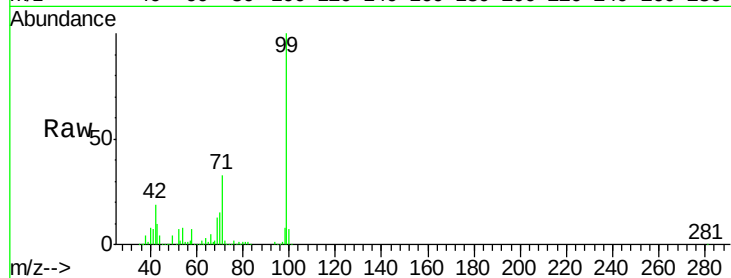
Tgt Ion: 99 Resp: 1148115

Ion Ratio Lower Upper

99 100

42 19.4 16.3 24.5

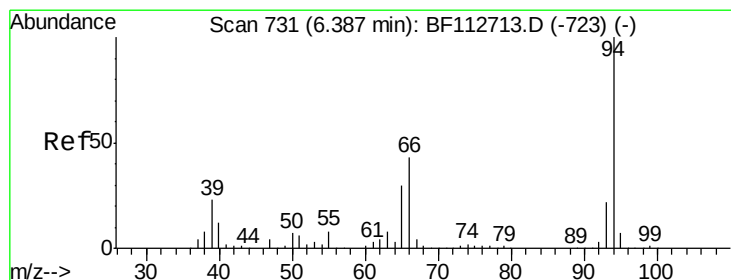
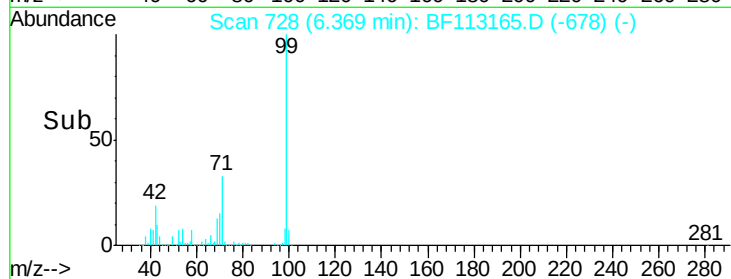
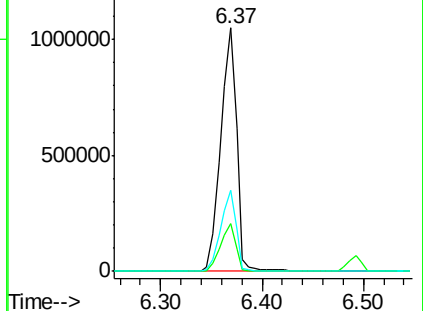
71 33.1 26.2 39.4



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: 7.323 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF113165.D

Acq: 20 Mar 2019 12:22

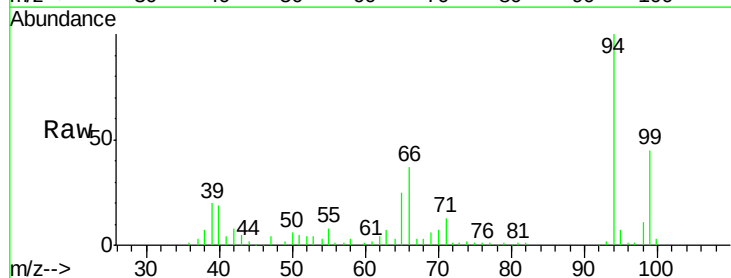
Tgt Ion: 94 Resp: 70453

Ion Ratio Lower Upper

94 100

65 25.5 10.5 50.5

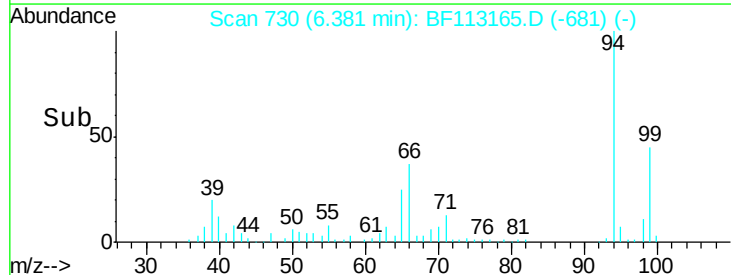
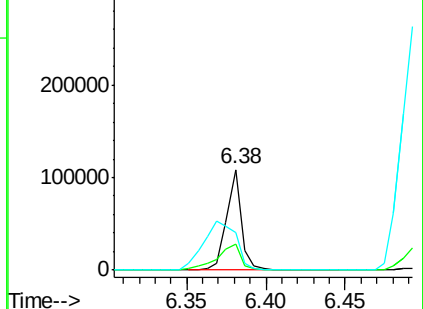
66 36.9 22.6 62.6

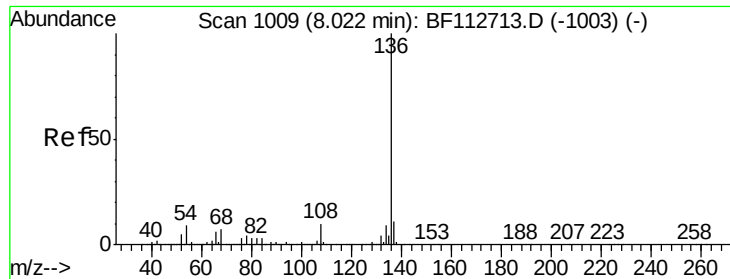


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

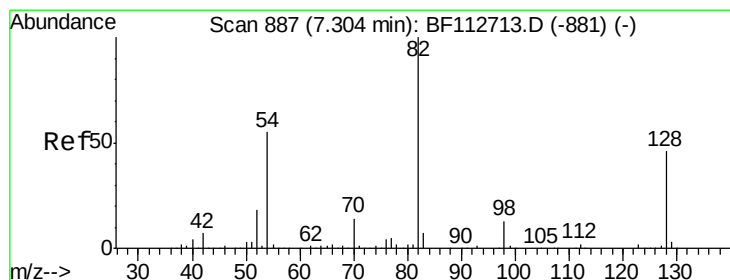
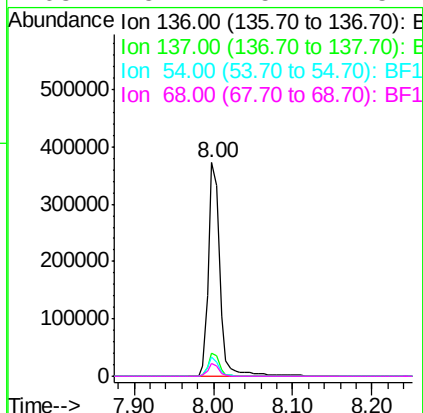
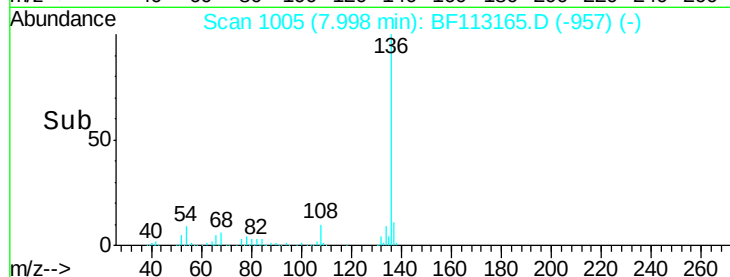
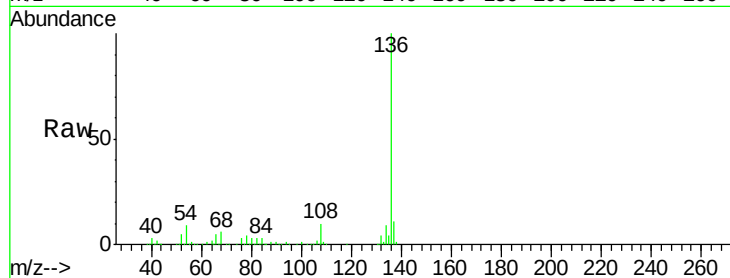




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF113165.D
Acq: 20 Mar 2019 12:22

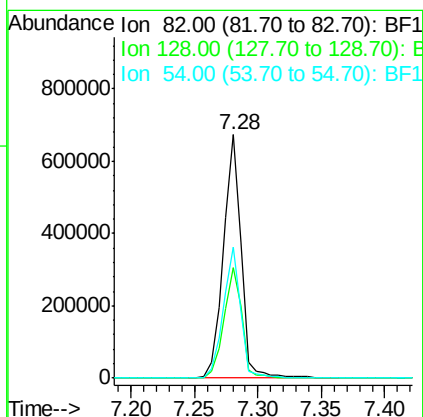
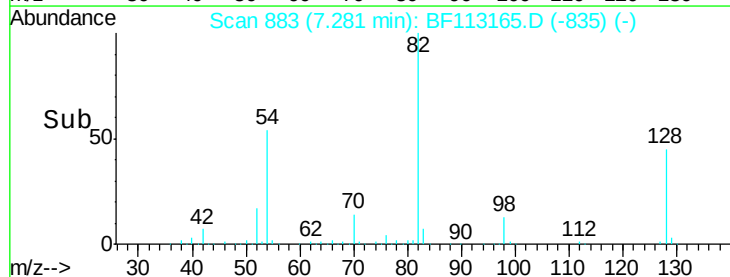
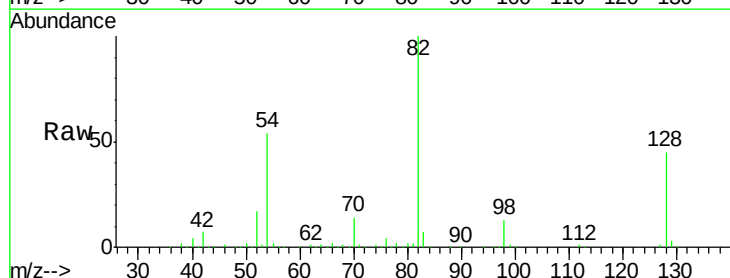
Instrument :
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SB-10(6-7)-031519

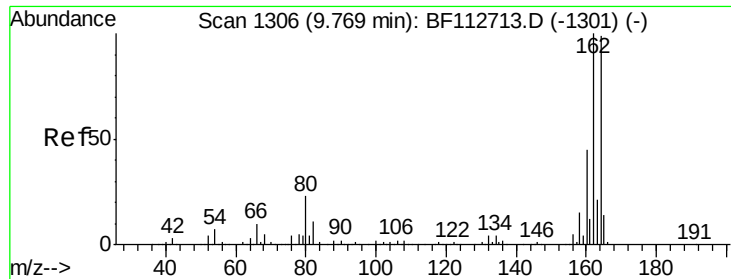
Tgt Ion:	136	Resp:	380672
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.9	7.3	10.9
68	5.7	5.4	8.2



#23
Nitrobenzene-d5
Concen: 102.966 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113165.D
Acq: 20 Mar 2019 12:22

Tgt Ion:	82	Resp:	655042
Ion Ratio	Lower	Upper	
82	100		
128	45.2	36.3	54.5
54	53.6	43.7	65.5

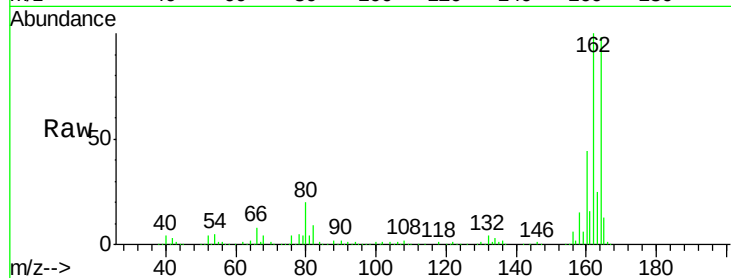




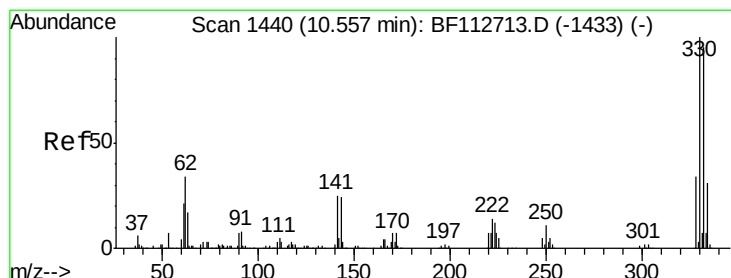
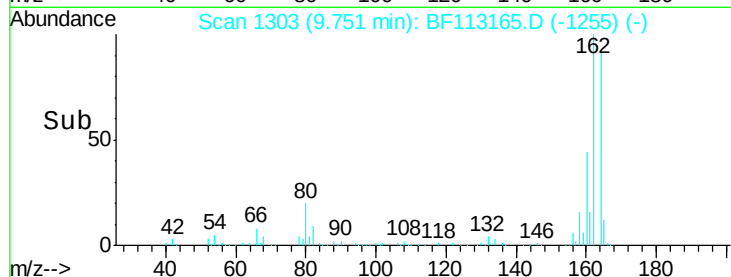
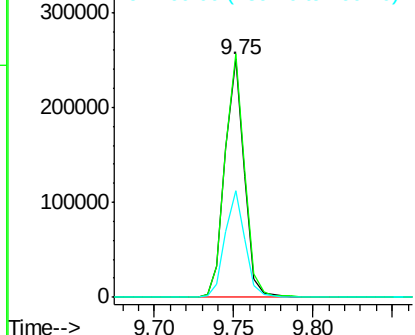
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113165.D
Acq: 20 Mar 2019 12:22

Instrument :
BNA_F
ClientSampleId :
SB-10(6-7)-031519

Tgt Ion:164 Resp: 212382
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 44.7 36.0 54.0

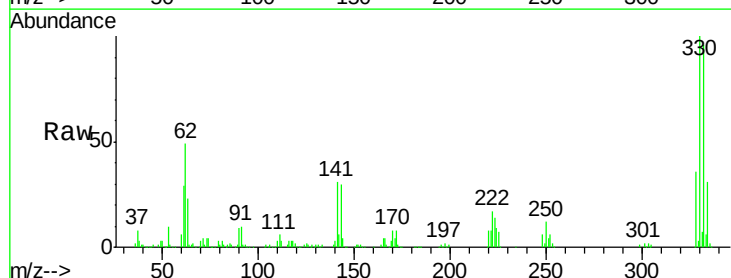


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

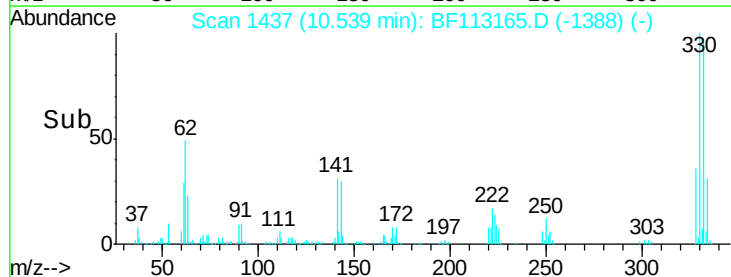
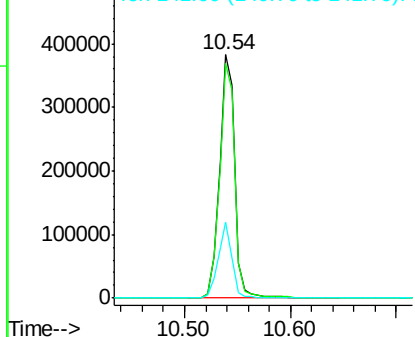


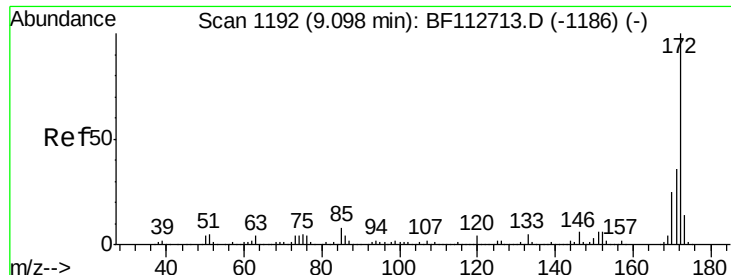
#42
2,4,6-Tribromophenol
Concen: 173.088 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113165.D
Acq: 20 Mar 2019 12:22

Tgt Ion:330 Resp: 390262
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 28.8 27.0 40.6



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

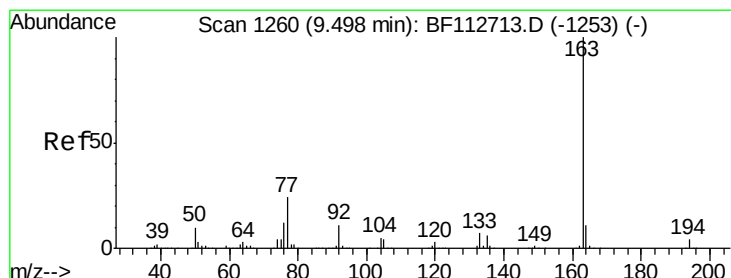
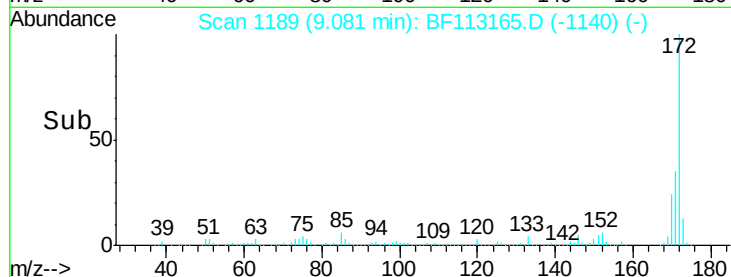
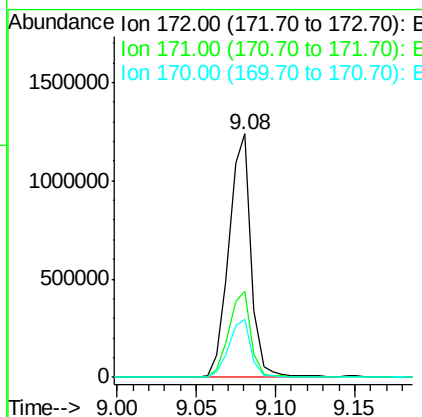
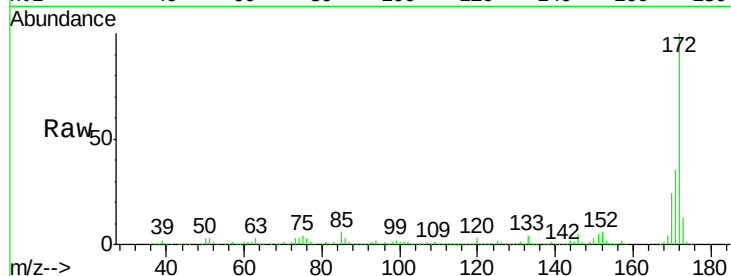




#45
 2-Fluorobiphenyl
 Concen: 98.070 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113165.D
 Acq: 20 Mar 2019 12:22

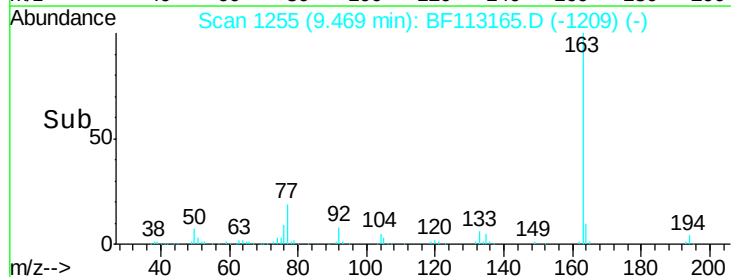
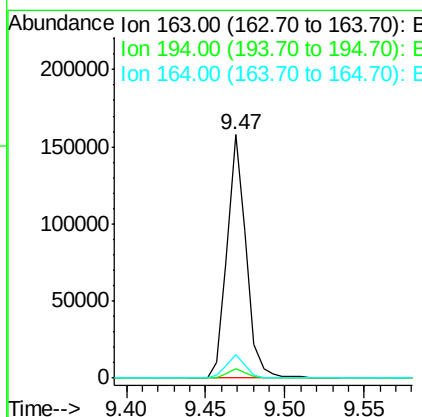
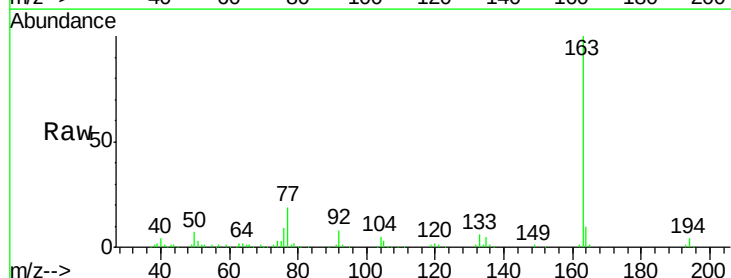
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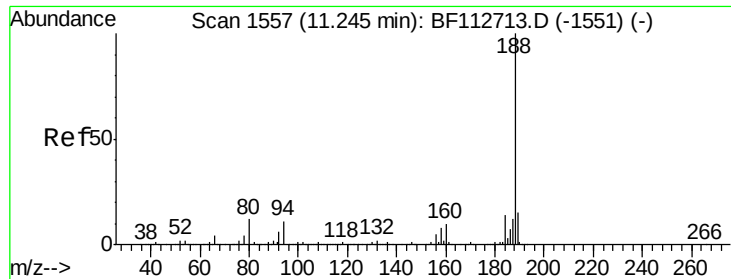
Tgt Ion:172 Resp: 1206407
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.4
 170 23.7 20.0 30.0



#50
 Dimethylphthalate
 Concen: 8.423 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.03 min
 Lab File: BF113165.D
 Acq: 20 Mar 2019 12:22

Tgt Ion:163 Resp: 131903
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.0 4.4
 164 9.8 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113165.D

Acq: 20 Mar 2019 12:22

Instrument :

BNA_F

ClientSampleId :

SB-10(6-7)-031519

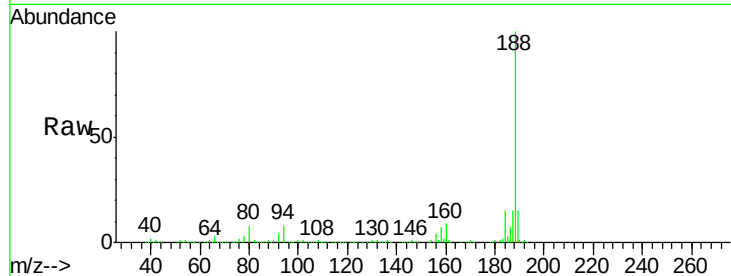
Tgt Ion:188 Resp: 441630

Ion Ratio Lower Upper

188 100

94 8.0 9.0 13.4#

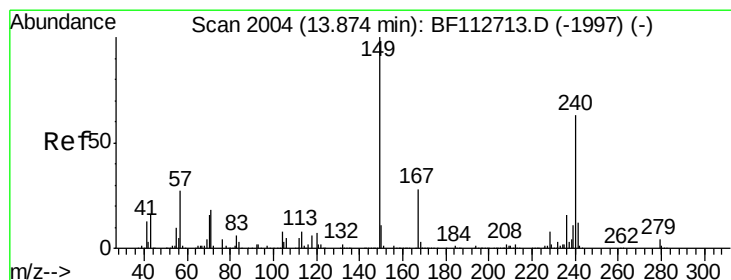
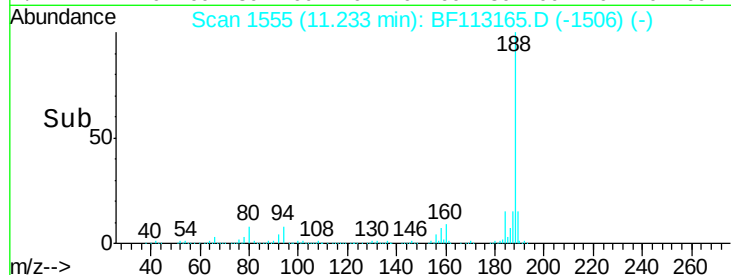
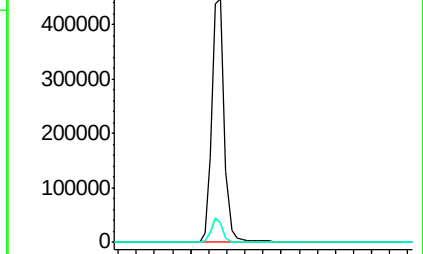
80 8.3 9.2 13.8#



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: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF113165.D

Acq: 20 Mar 2019 12:22

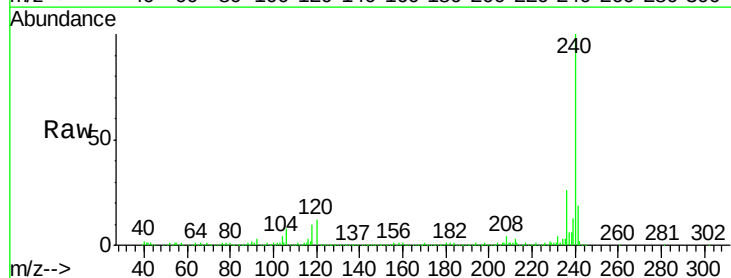
Tgt Ion:240 Resp: 429727

Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

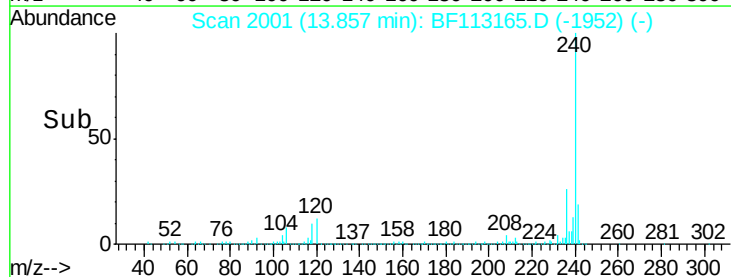
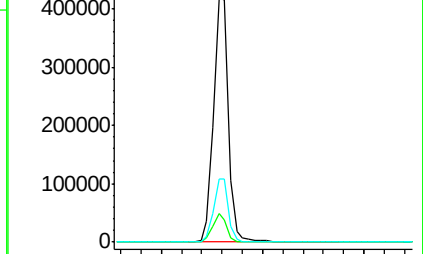
236 26.0 20.7 31.1

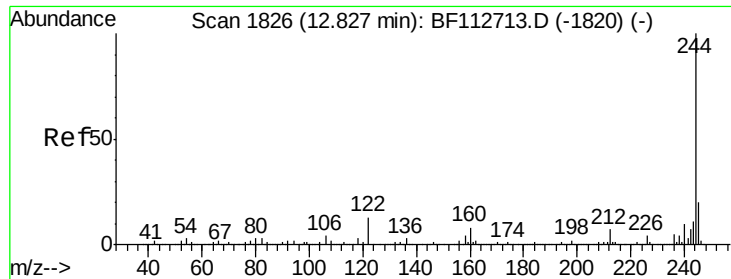


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.204 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113165.D

Acq: 20 Mar 2019 12:22

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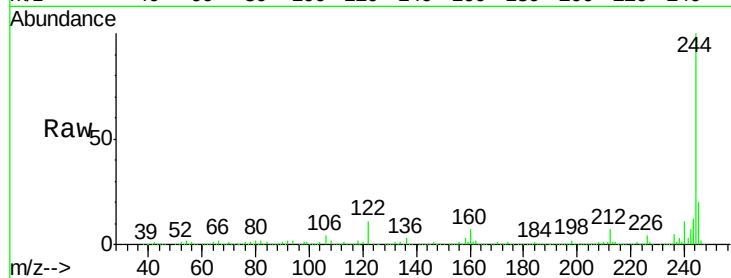
Tgt Ion:244 Resp: 1423271

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

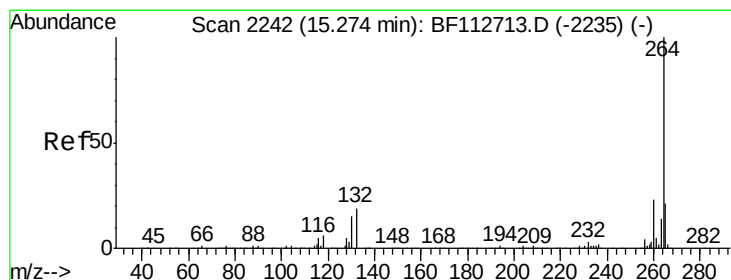
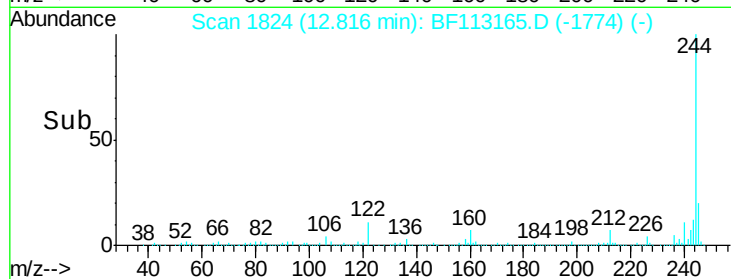
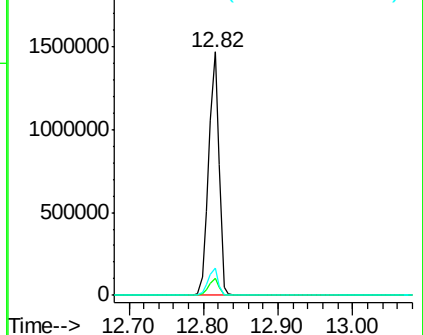
122 11.0 10.5 15.7



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113165.D

Acq: 20 Mar 2019 12:22

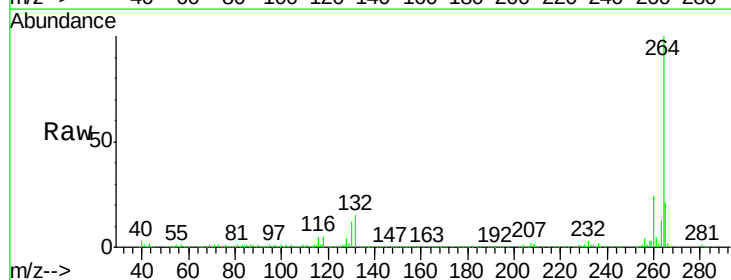
Tgt Ion:264 Resp: 337305

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.5 17.2 25.8



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

