

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112038.D
 Acq On : 12 Jan 2019 2:08
 Operator : JU/SJ
 Sample : K1114-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-A

Quant Time: Jan 12 02:50:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

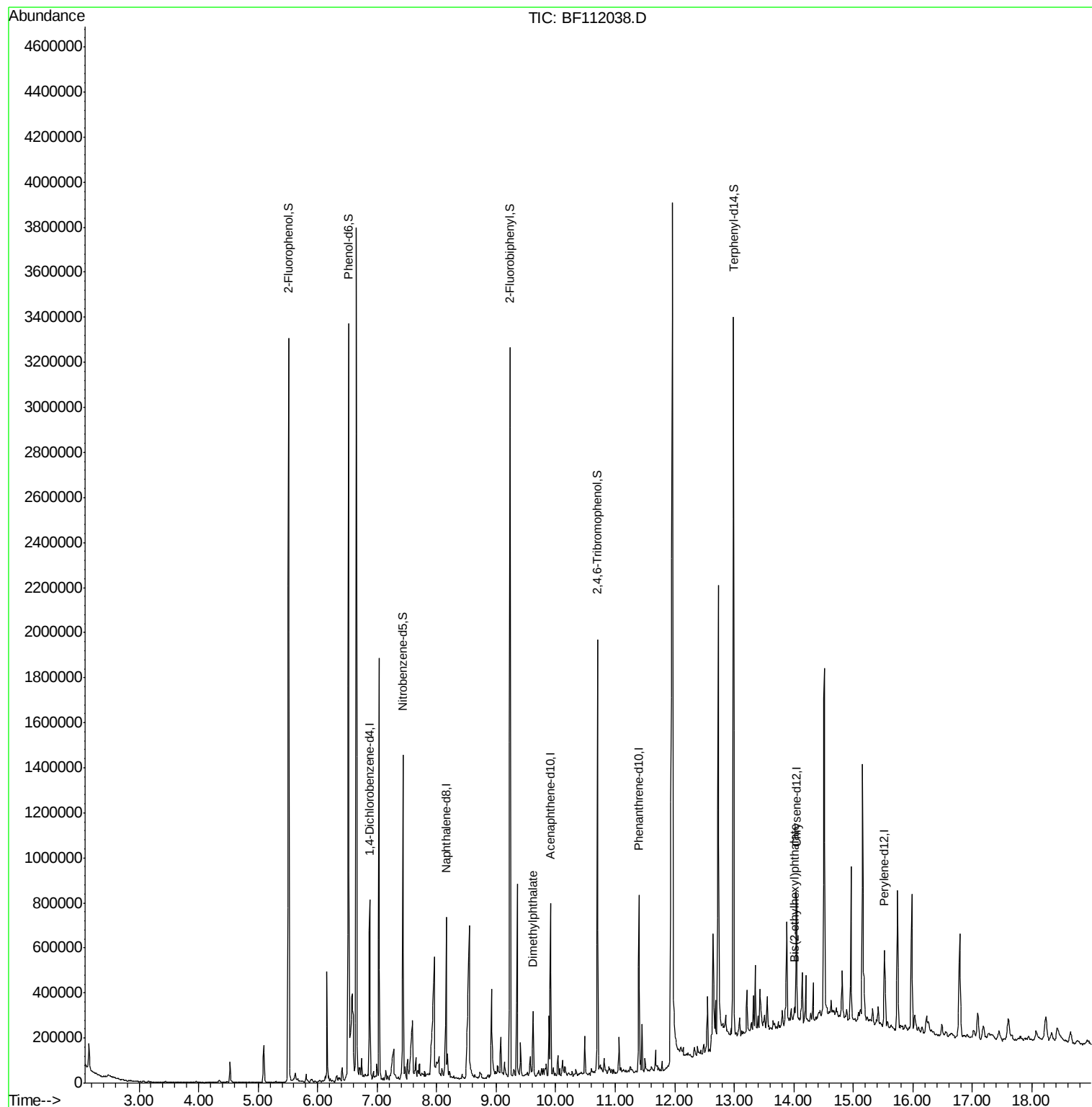
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	111740	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	310789	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	134548	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	244315	20.00	ng	0.00
76) Chrysene-d12	14.04	240	198256	20.00	ng	0.00
87) Perylene-d12	15.52	264	137623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	859012	131.52	ng	0.00
7) Phenol-d6	6.52	99	1129245	134.14	ng	0.00
23) Nitrobenzene-d5	7.43	82	427931	73.59	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	234798	134.17	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1019202	110.46	ng	0.00
79) Terphenyl-d14	12.99	244	1064184	101.89	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	101759	10.068	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	16228	2.143	ng	96

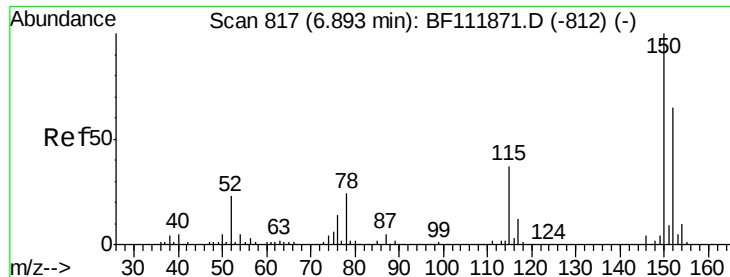
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF112038.D

Acq: 12 Jan 2019 2:08

Instrument :

BNA_F

ClientSampled :

PM-A

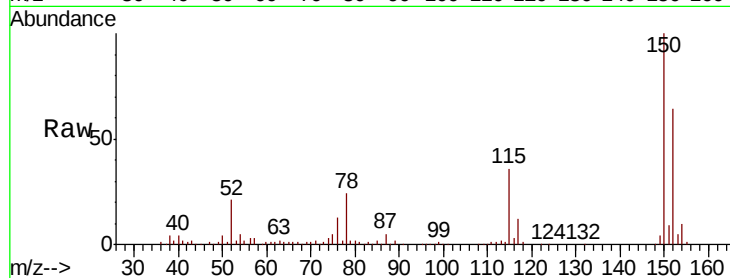
Tot Ion:152 Resp: 111740

Ion Ratio Lower Upper

152 100

150 156.4 122.7 184.1

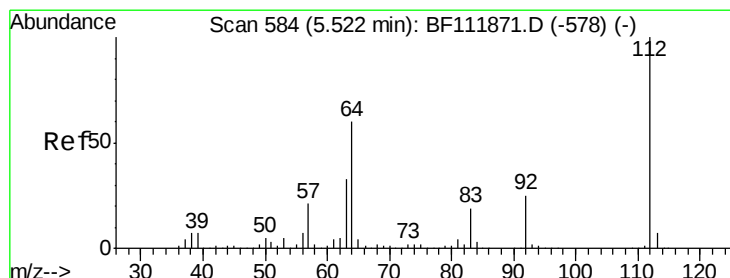
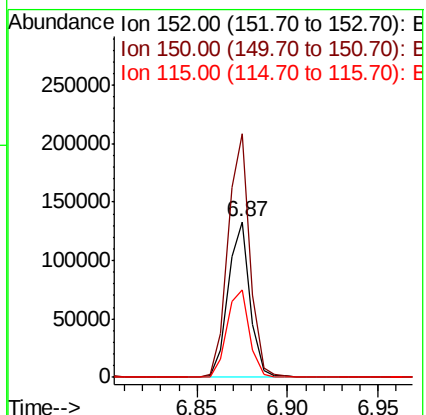
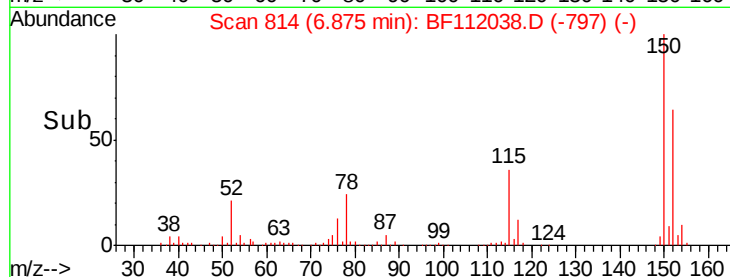
115 56.0 45.2 67.8



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: 131.521 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF112038.D

Acq: 12 Jan 2019 2:08

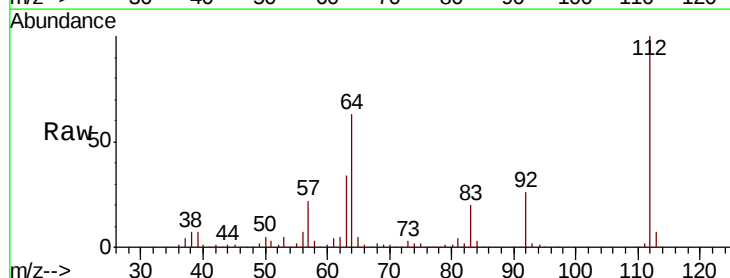
Tgt Ion:112 Resp: 859012

Ion Ratio Lower Upper

112 100

64 62.8 48.3 72.5

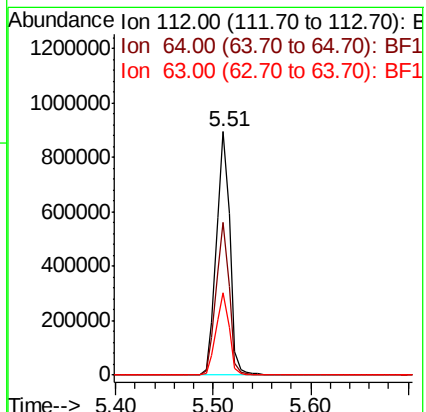
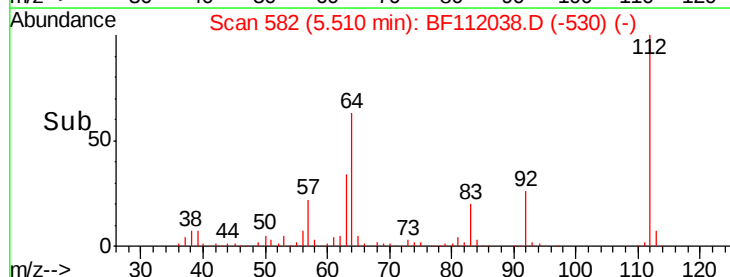
63 34.0 26.1 39.1

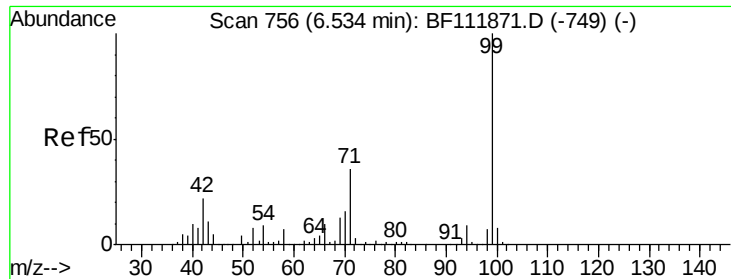


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 134.144 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF112038.D

Acq: 12 Jan 2019 2:08

Instrument :

BNA_F

ClientSampled :

PM-A

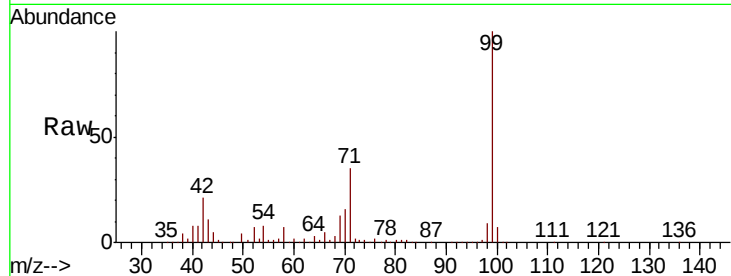
Tot Ion: 99 Resp: 1129245

Ion Ratio Lower Upper

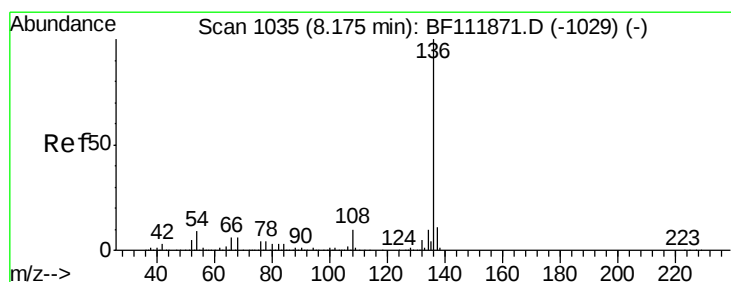
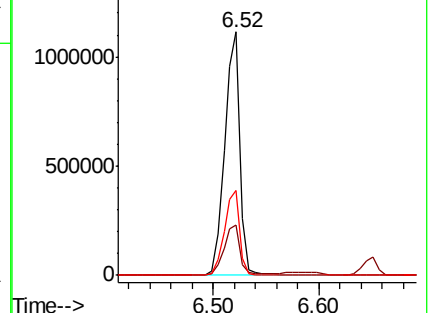
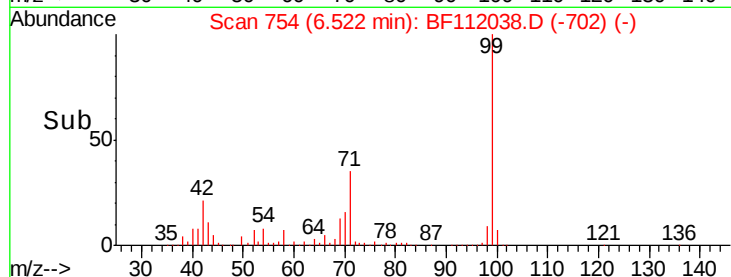
99 100

42 20.7 17.9 26.9

71 35.1 28.7 43.1



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: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF112038.D

Acq: 12 Jan 2019 2:08

Tgt Ion: 136 Resp: 310789

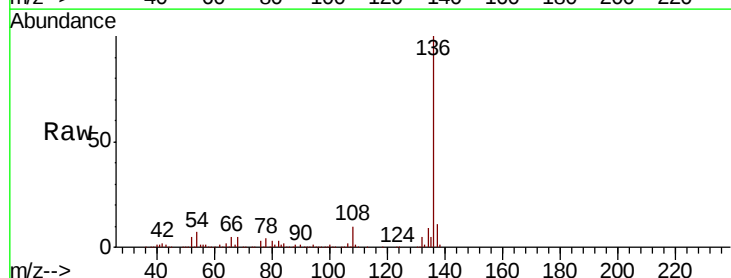
Ion Ratio Lower Upper

136 100

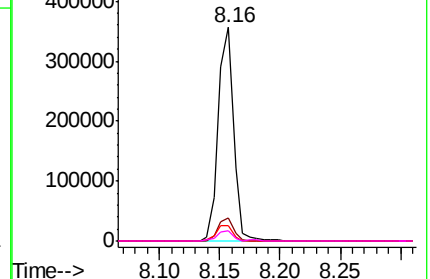
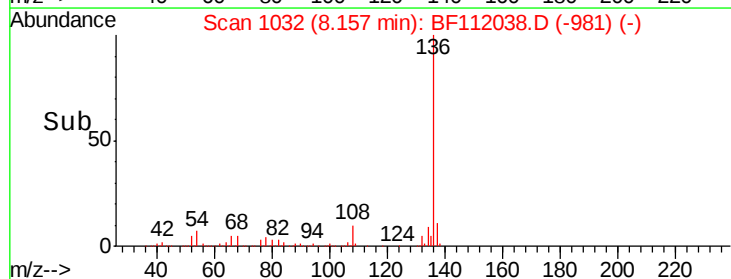
137 10.7 9.1 13.7

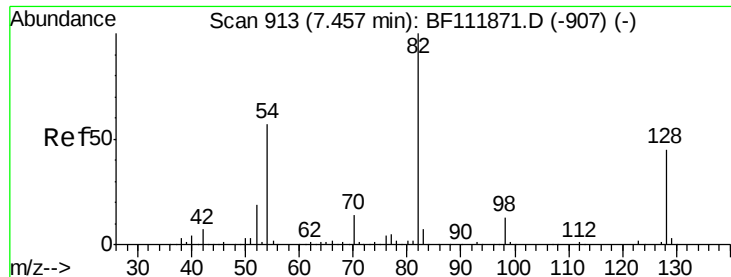
54 7.4 7.2 10.8

68 4.7 4.4 6.6



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

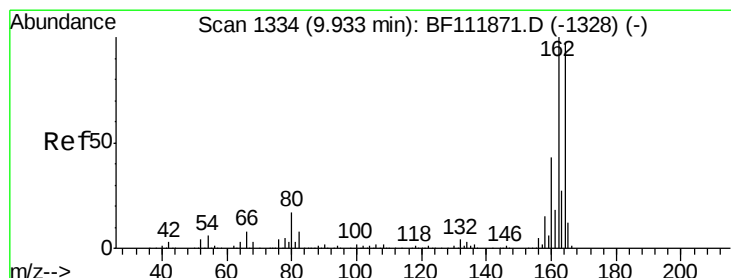
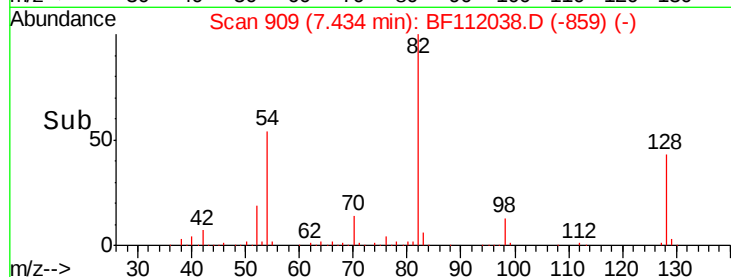
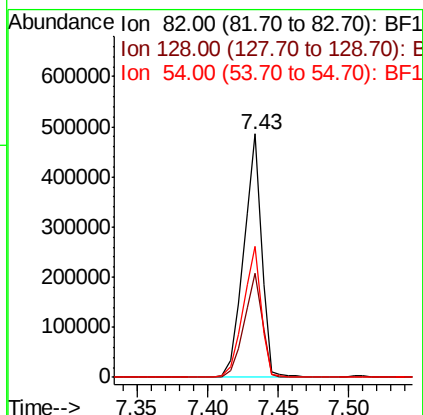
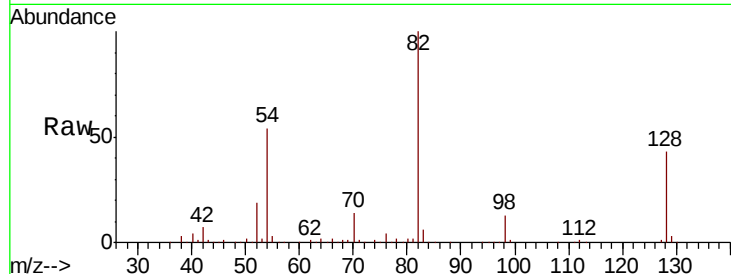




#23
 Nitrobenzene-d5
 Concen: 73.590 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF112038.D
 Acq: 12 Jan 2019 2:08

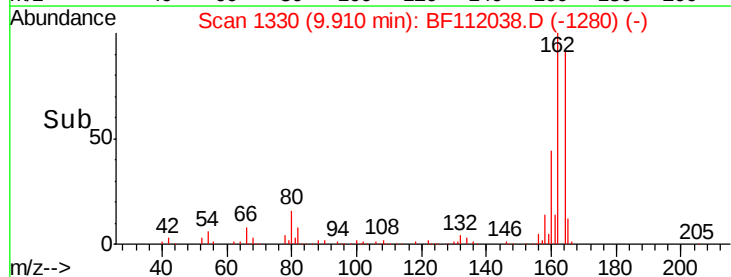
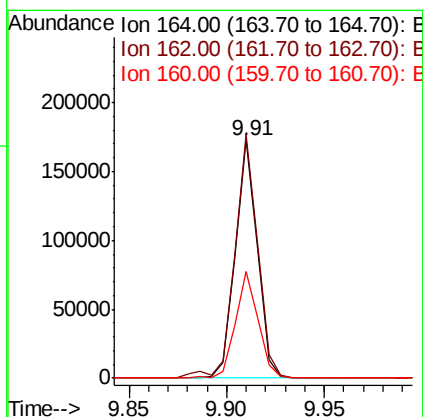
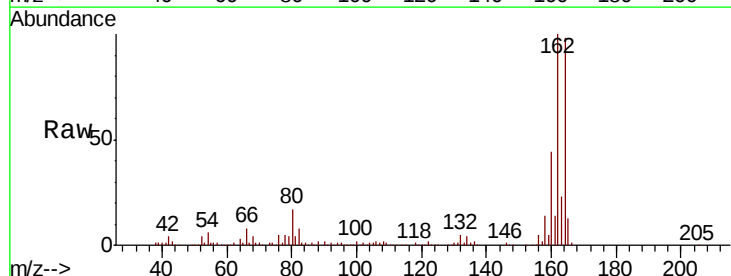
Instrument :
 BNA_F
 ClientSampled :
 PM-A

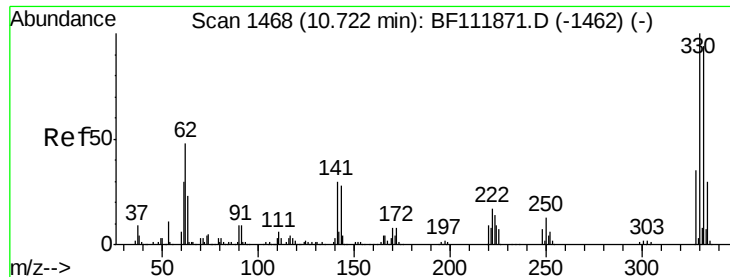
Tot Ion: 82 Resp: 427931
 Ion Ratio Lower Upper
 82 100
 128 43.0 35.7 53.5
 54 53.6 45.8 68.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF112038.D
 Acq: 12 Jan 2019 2:08

Tgt Ion: 164 Resp: 134548
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.2 123.2
 160 44.5 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 134.166 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BF112038.D

Acq: 12 Jan 2019 2:08

Instrument :

BNA_F

ClientSampleId :

PM-A

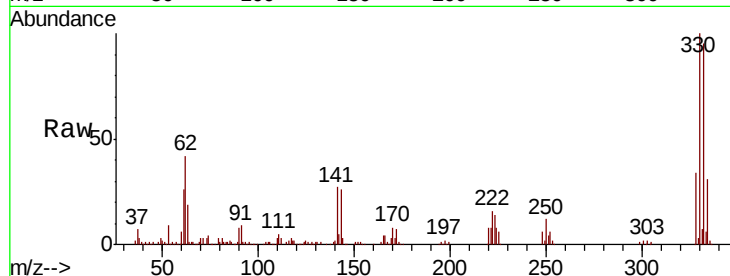
Tot Ion:330 Resp: 234798

Ion Ratio Lower Upper

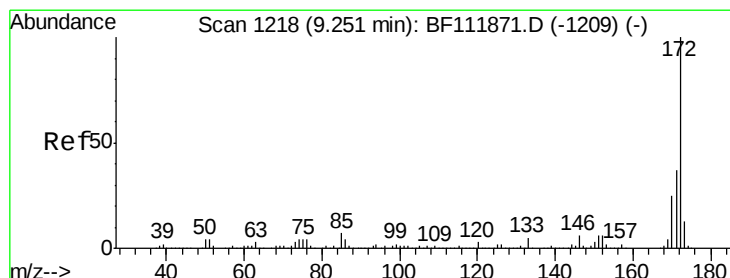
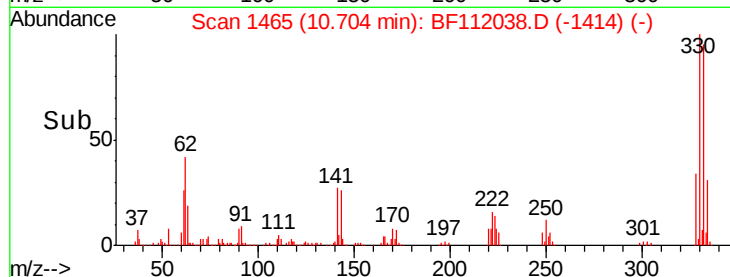
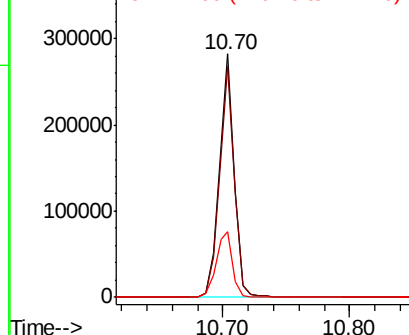
330 100

332 95.5 76.9 115.3

141 29.9 23.7 35.5



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: 110.459 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF112038.D

Acq: 12 Jan 2019 2:08

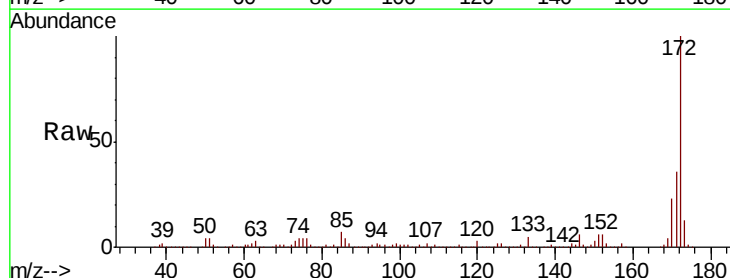
Tgt Ion:172 Resp: 1019202

Ion Ratio Lower Upper

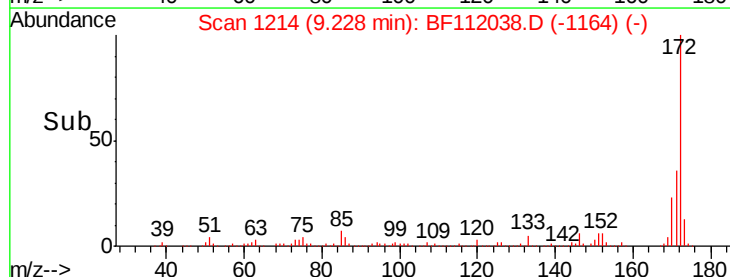
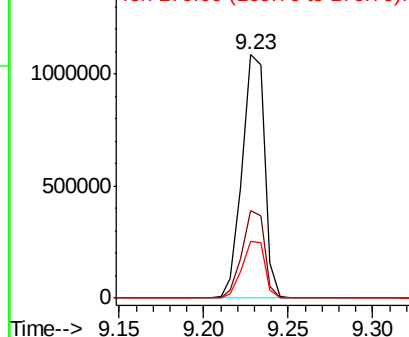
172 100

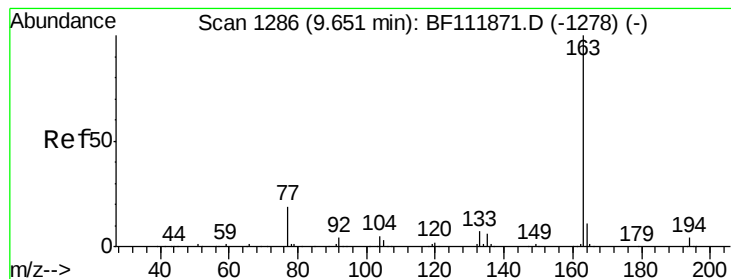
171 36.0 29.6 44.4

170 23.5 19.8 29.8



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: 10.068 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF112038.D

Acq: 12 Jan 2019 2:08

Instrument :

BNA_F

ClientSampleId :

PM-A

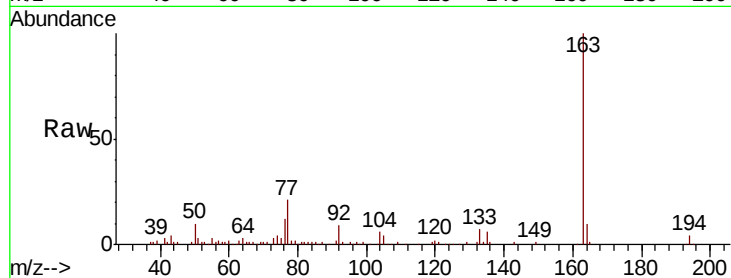
Tot Ion:163 Resp: 101759

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

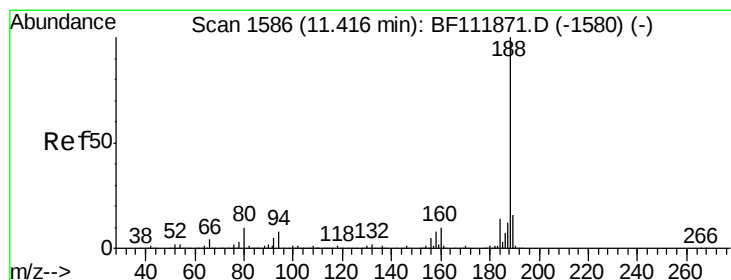
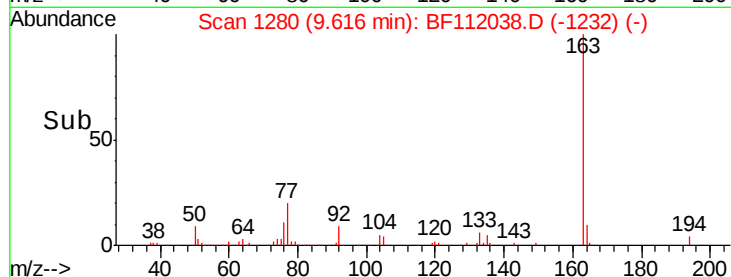
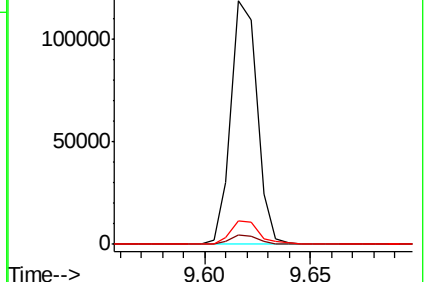
164 9.7 8.5 12.7



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: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF112038.D

Acq: 12 Jan 2019 2:08

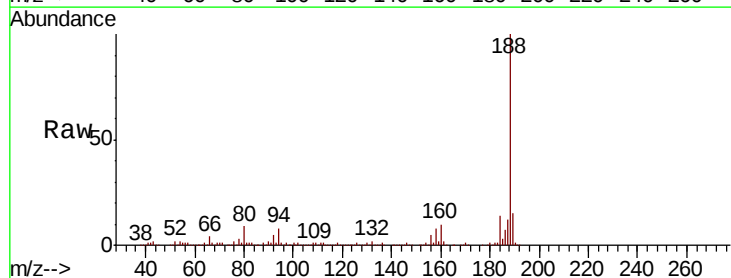
Tgt Ion:188 Resp: 244315

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

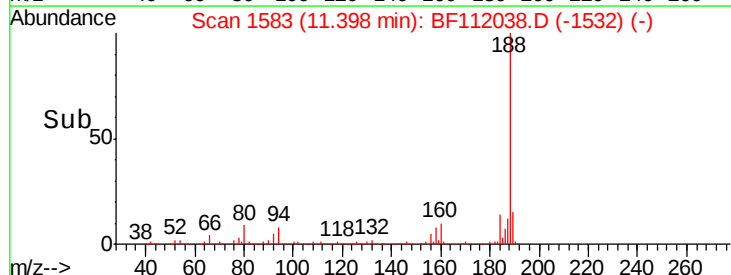
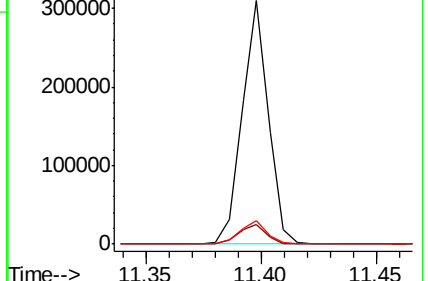
80 9.4 7.7 11.5

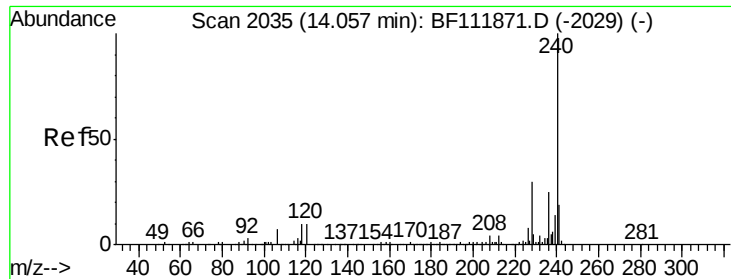


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

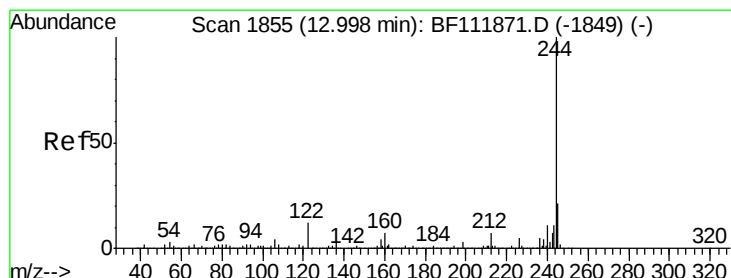
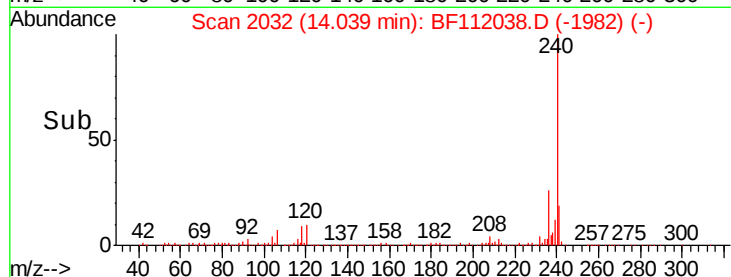
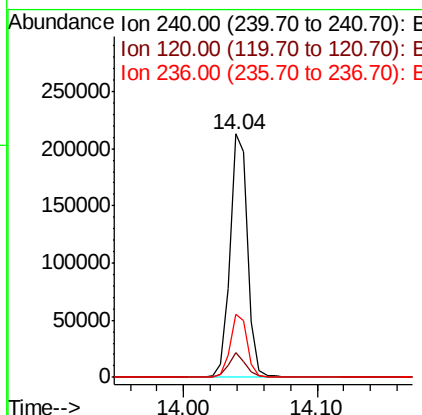
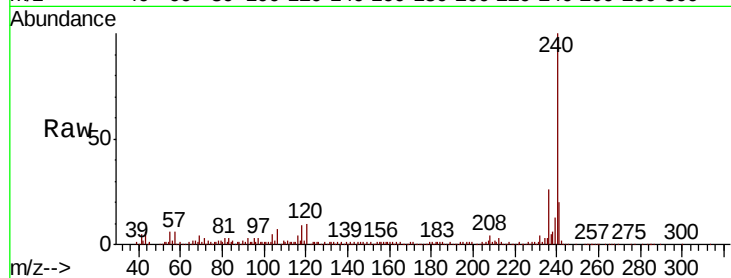




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF112038.D
 Acq: 12 Jan 2019 2:08

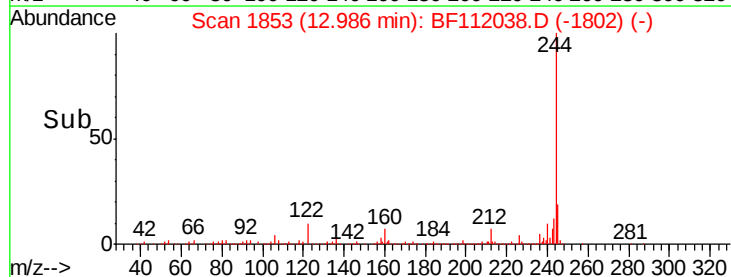
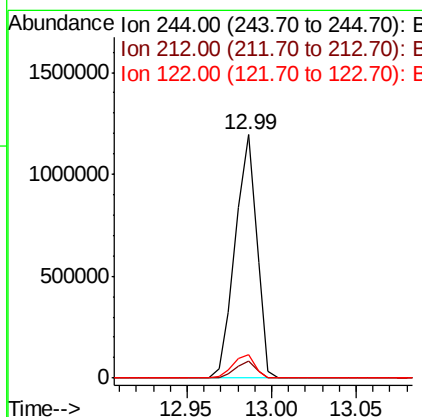
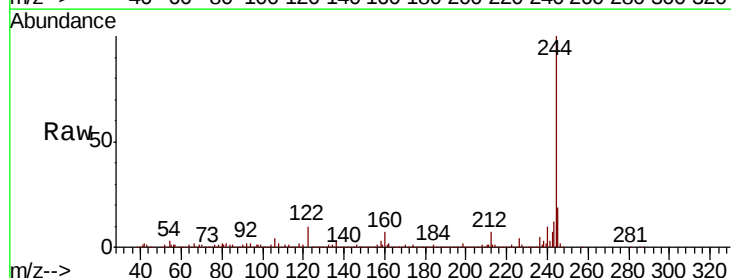
Instrument :
 BNA_F
 ClientSampled :
 PM-A

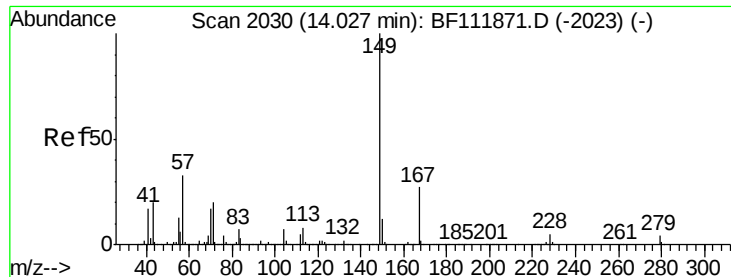
Tot Ion:240 Resp: 198256
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.2 12.2
 236 26.1 20.2 30.4



#79
 Terphenyl-d14
 Concen: 101.891 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF112038.D
 Acq: 12 Jan 2019 2:08

Tgt Ion:244 Resp: 1064184
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 9.9 9.5 14.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.143 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF112038.D

Acq: 12 Jan 2019 2:08

Instrument :

BNA_F

ClientSampleId :

PM-A

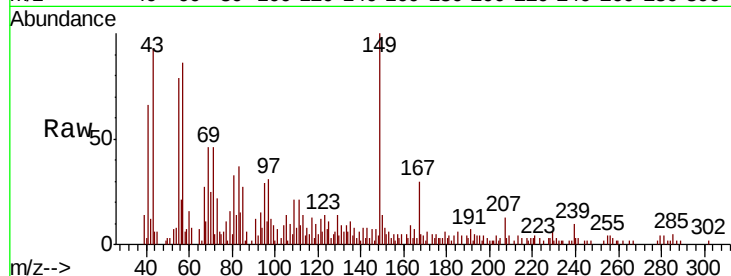
Tot Ion:149 Resp: 16228

Ion Ratio Lower Upper

149 100

167 29.5 21.5 32.3

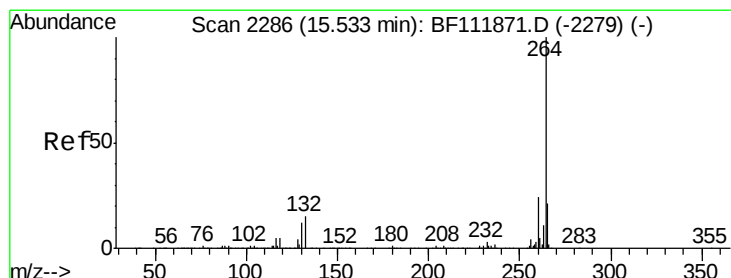
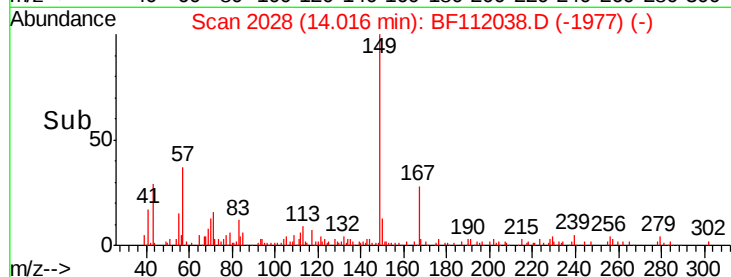
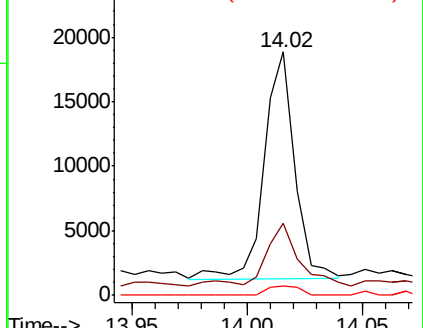
279 3.8 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF112038.D

Acq: 12 Jan 2019 2:08

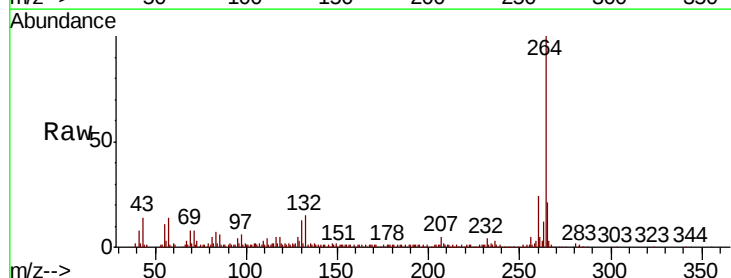
Tgt Ion:264 Resp: 137623

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.2 17.1 25.7



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

