

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
 Data File : BF104579.D
 Acq On : 17 Apr 2018 23:15
 Operator : JU/SJ
 Sample : J2408-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAA-WS-005

Quant Time: Apr 18 02:25:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 17:08:38 2018
 Response via : Initial Calibration

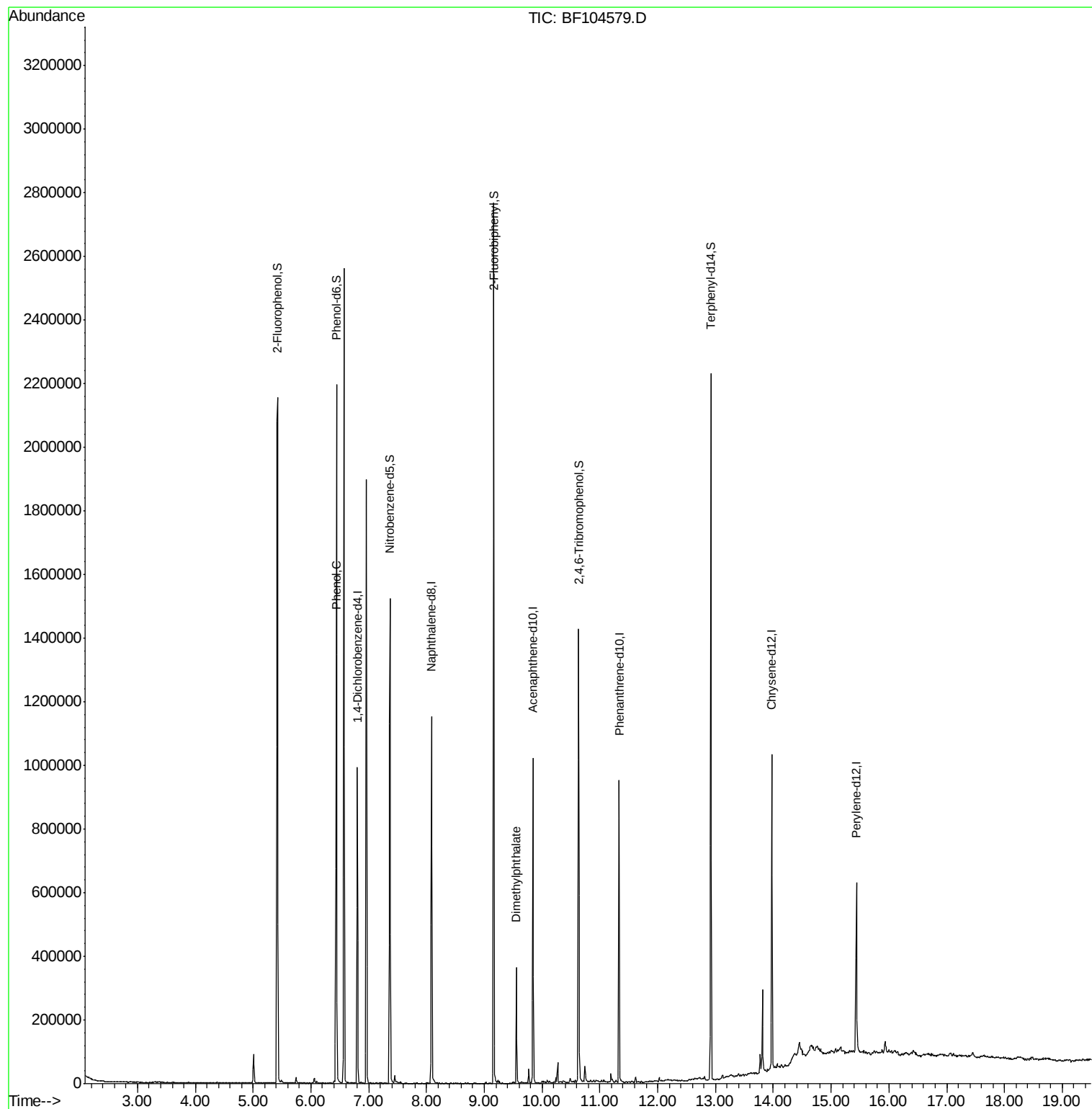
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	128351	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	491546	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	198329	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	336436	20.00	ng	0.00
75) Chrysene-d12	13.97	240	295512	20.00	ng	0.00
86) Perylene-d12	15.44	264	239487	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	666434	79.39	ng	0.00
7) Phenol-d6	6.44	99	808837	78.42	ng	0.00
23) Nitrobenzene-d5	7.37	82	472480	62.77	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	164043	79.74	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	795987	63.40	ng	0.00
78) Terphenyl-d14	12.92	244	716347	55.27	ng	0.00
Target Compounds						
10) Phenol	6.45	94	33222	3.036	ng	97
49) Dimethylphthalate	9.56	163	133419	8.531	ng	100

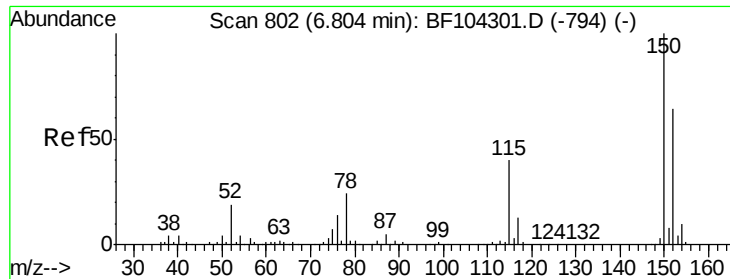
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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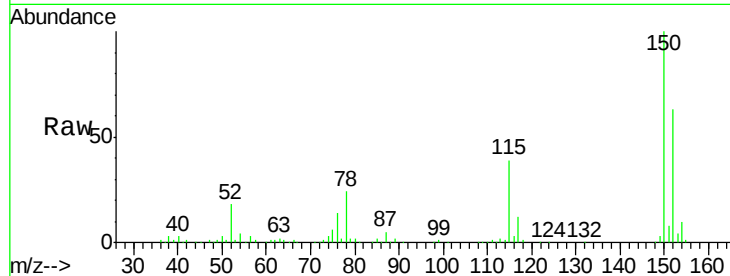


#1

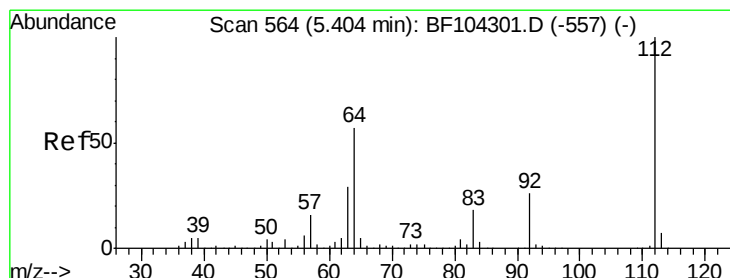
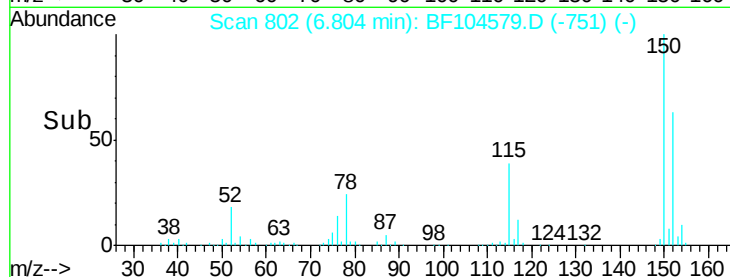
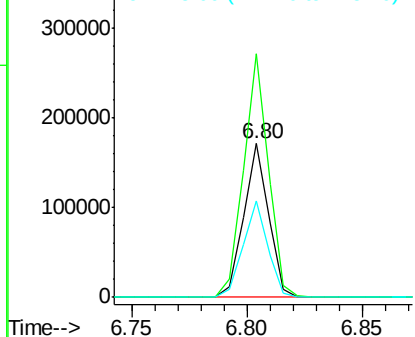
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104579.D
Acq: 17 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :
NAA-WS-005

Tot Ion:152 Resp: 128351
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 62.4 50.1 75.1



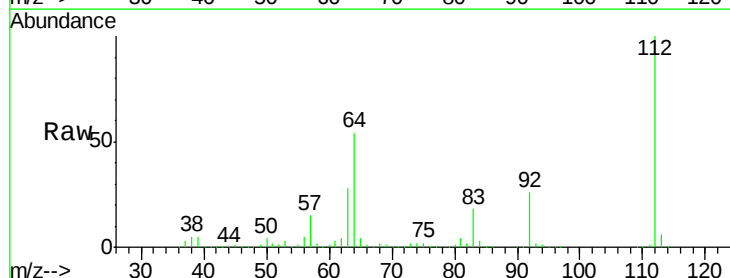
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



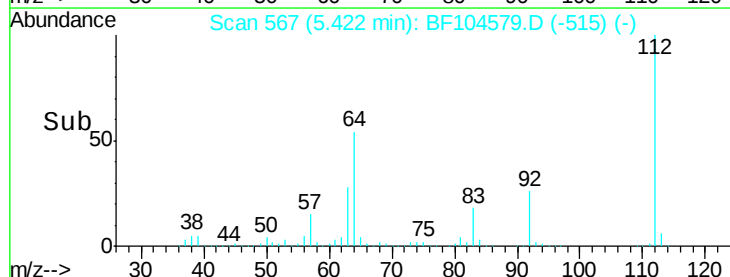
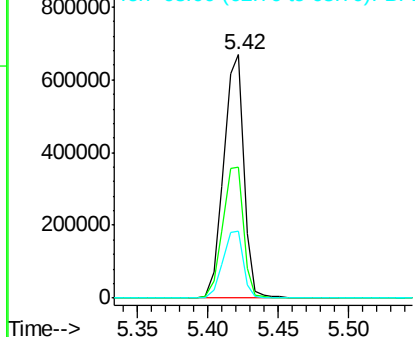
#5

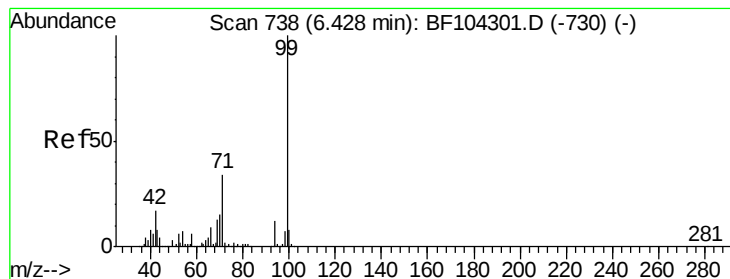
2-Fluorophenol
Concen: 79.393 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104579.D
Acq: 17 Apr 2018 23:15

Tgt Ion:112 Resp: 666434
Ion Ratio Lower Upper
112 100
64 53.7 47.9 71.9
63 27.5 23.7 35.5



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: 78.424 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104579.D

Acq: 17 Apr 2018 23:15

Instrument :

BNA_F

ClientSampleId :

NAA-WS-005

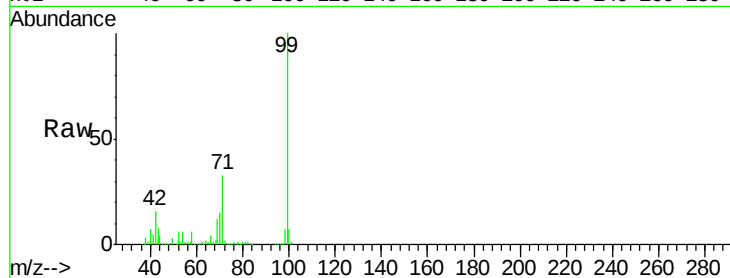
Tot Ion: 99 Resp: 808837

Ion Ratio Lower Upper

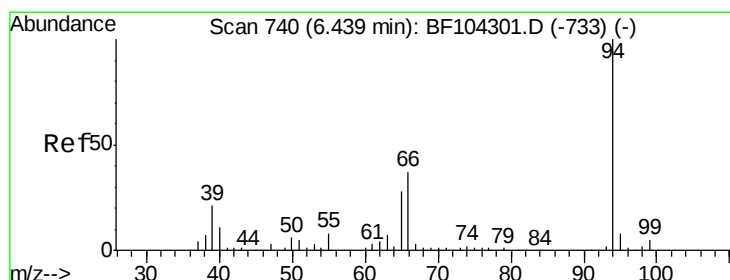
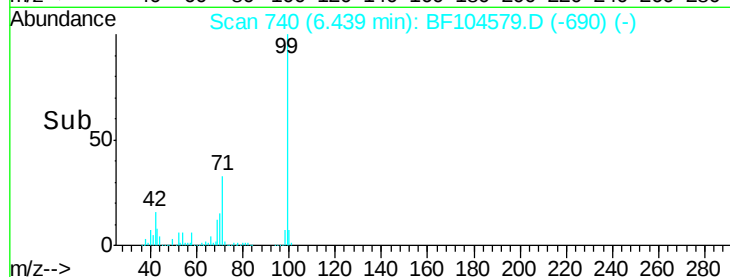
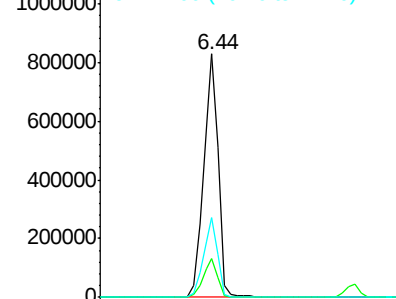
99 100

42 16.0 14.5 21.7

71 32.9 25.4 38.0



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: 3.036 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104579.D

Acq: 17 Apr 2018 23:15

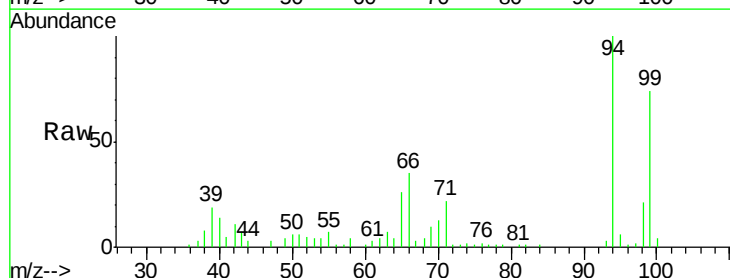
Tgt Ion: 94 Resp: 33222

Ion Ratio Lower Upper

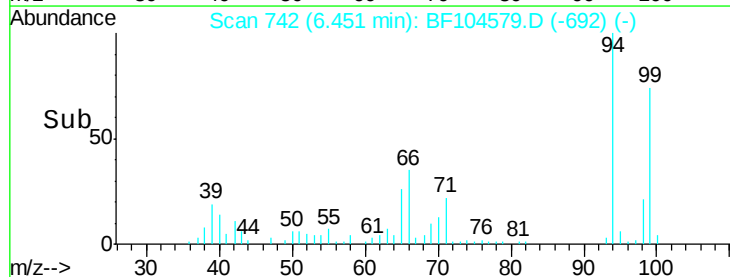
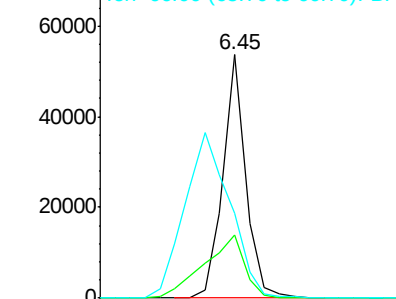
94 100

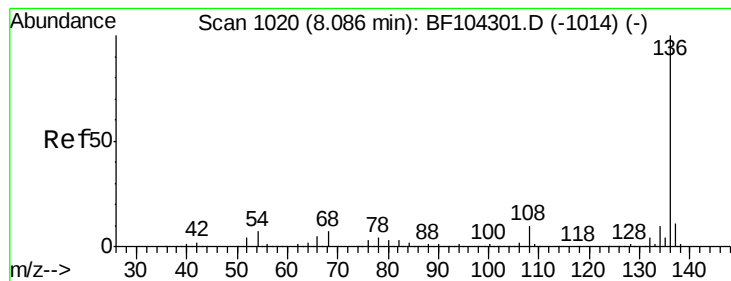
65 26.0 7.9 47.9

66 35.1 16.2 56.2



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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104579.D

Acq: 17 Apr 2018 23:15

Instrument :

BNA_F

ClientSampleId :

NAA-WS-005

Tot Ion:136 Resp: 491546

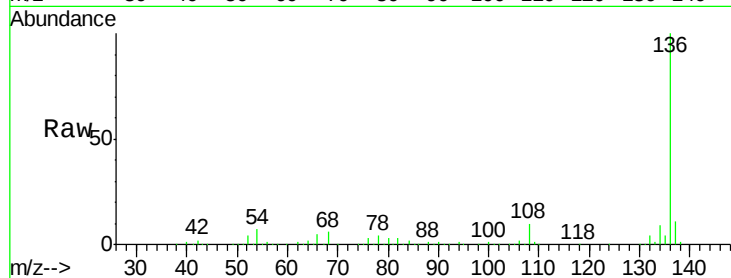
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.1 6.6 9.8

68 6.4 5.0 7.4

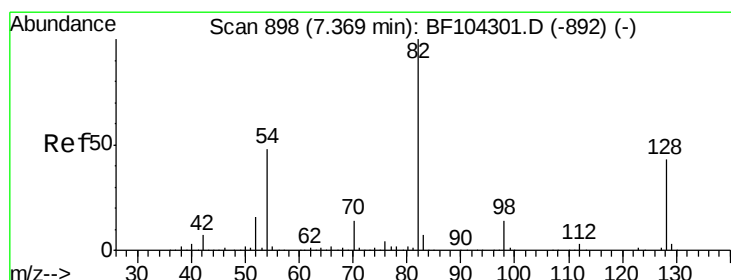
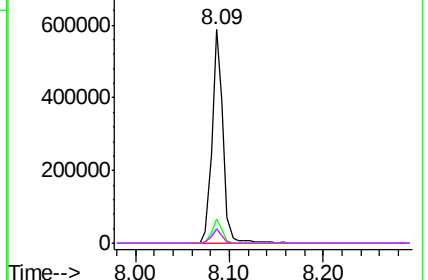
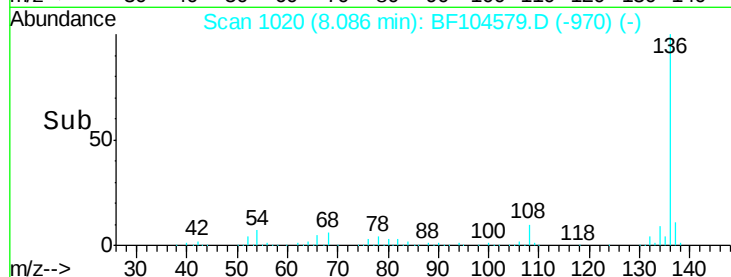


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.765 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104579.D

Acq: 17 Apr 2018 23:15

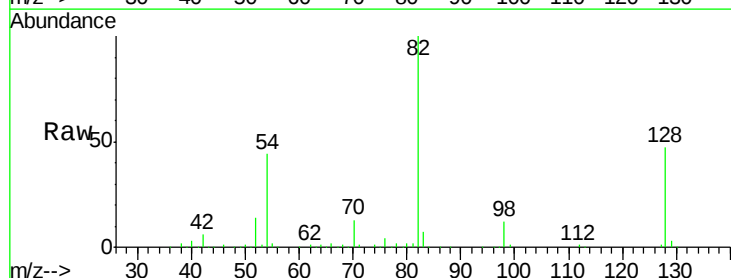
Tgt Ion: 82 Resp: 472480

Ion Ratio Lower Upper

82 100

128 47.1 36.1 54.1

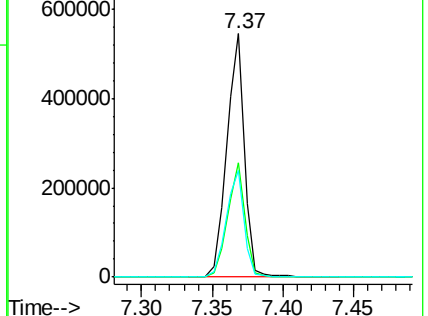
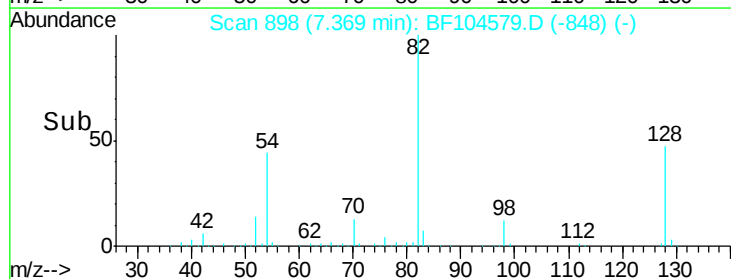
54 43.6 41.4 62.2

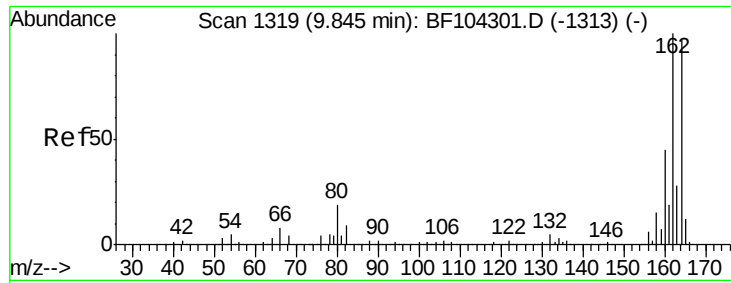


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

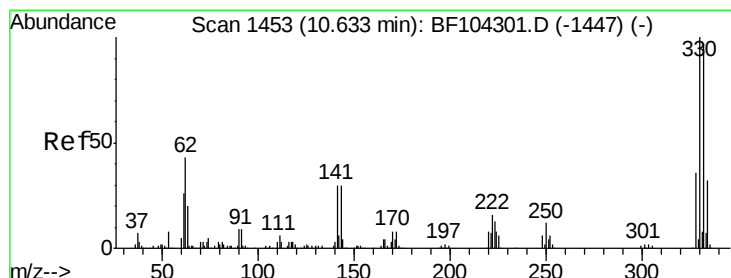
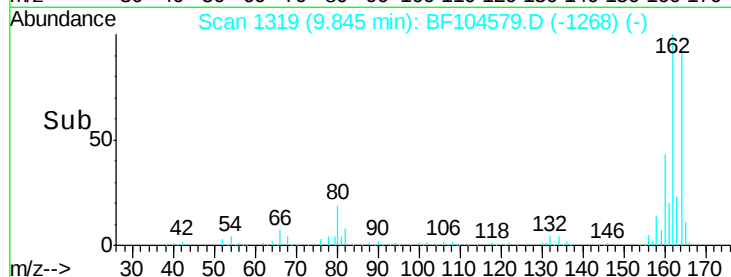
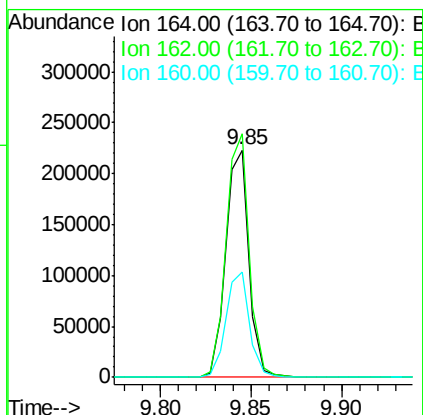
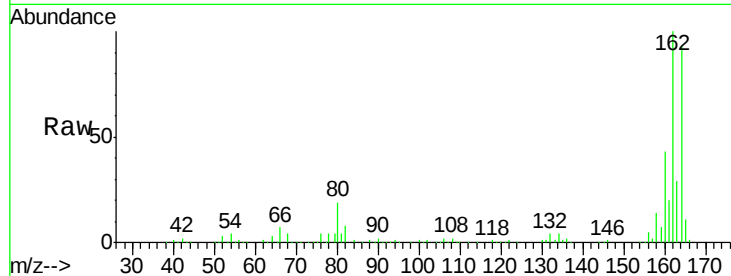




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104579.D
 Acq: 17 Apr 2018 23:15

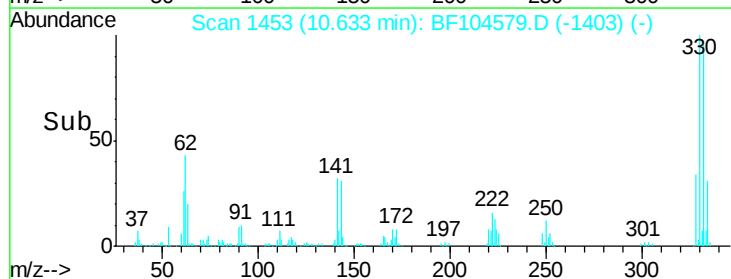
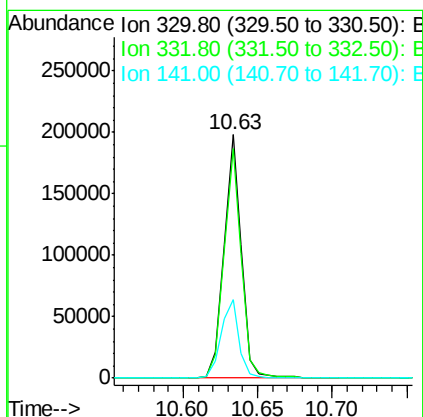
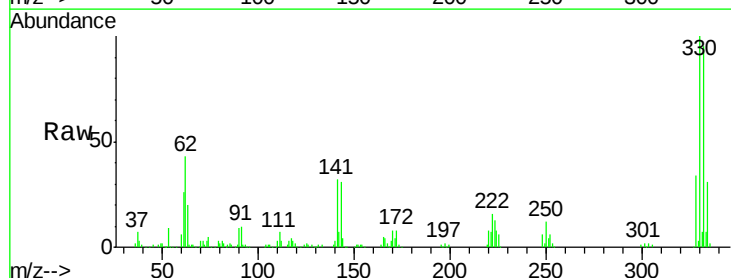
Instrument :
 BNA_F
 ClientSampleId :
 NAA-WS-005

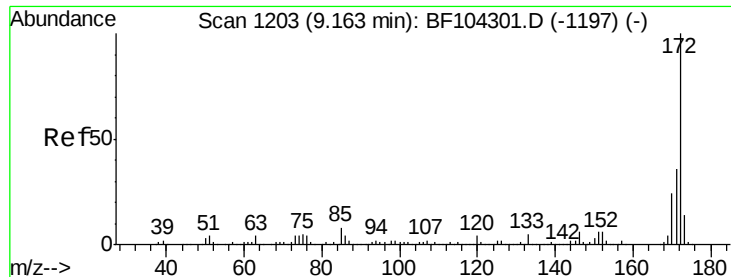
Tot Ion:164 Resp: 198329
 Ion Ratio Lower Upper
 164 100
 162 107.2 86.1 129.1
 160 46.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 79.736 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104579.D
 Acq: 17 Apr 2018 23:15

Tgt Ion:330 Resp: 164043
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 33.3 29.9 44.9

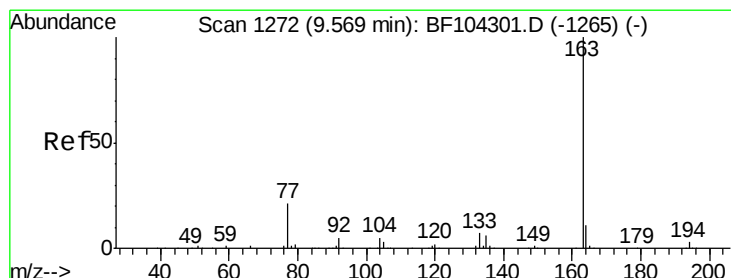
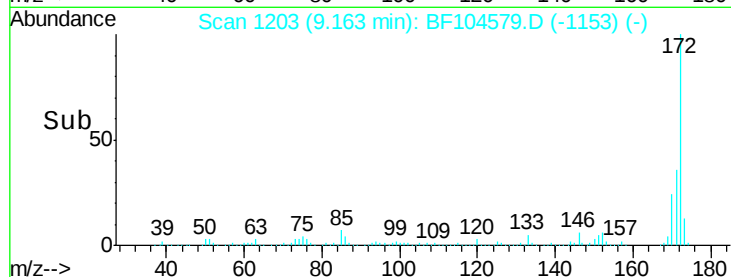
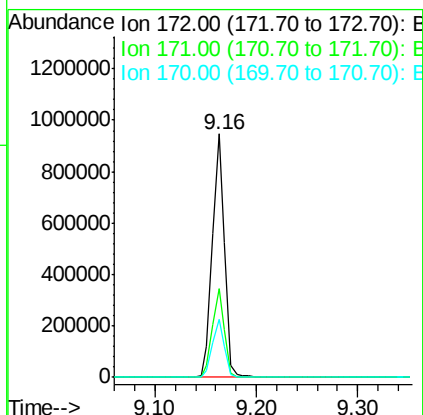
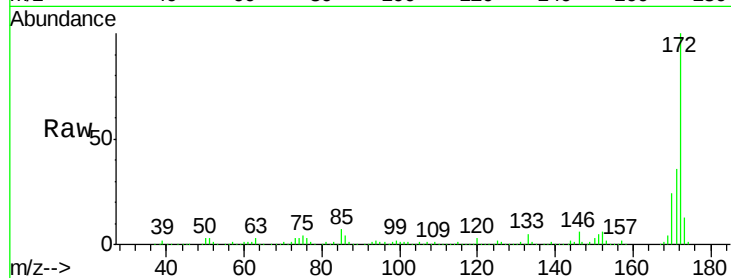




#44
2-Fluorobiphenyl
Concen: 63.403 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104579.D
Acq: 17 Apr 2018 23:15

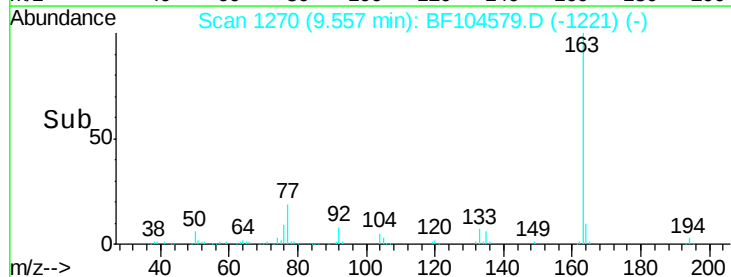
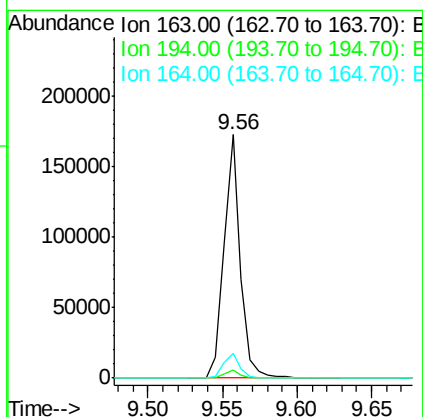
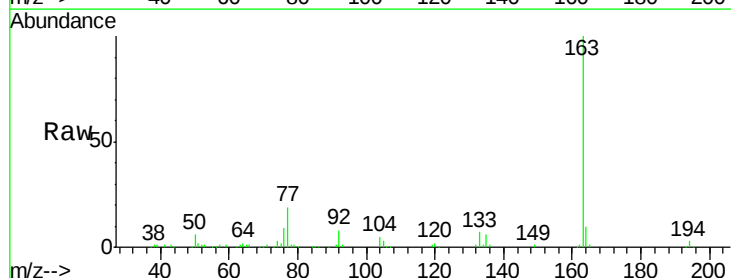
Instrument :
BNA_F
ClientSampleId :
NAA-WS-005

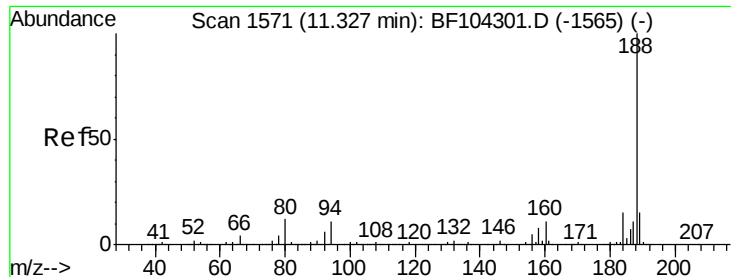
Tot Ion:172 Resp: 795987
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 8.531 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104579.D
Acq: 17 Apr 2018 23:15

Tgt Ion:163 Resp: 133419
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.2 12.2

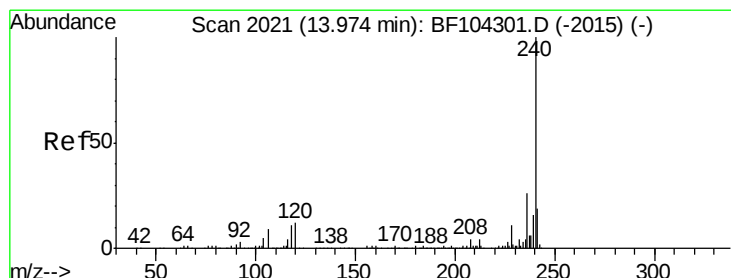
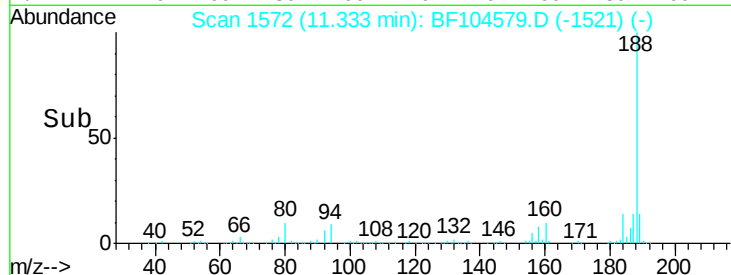
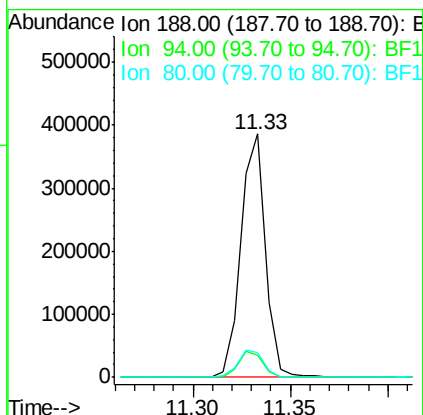
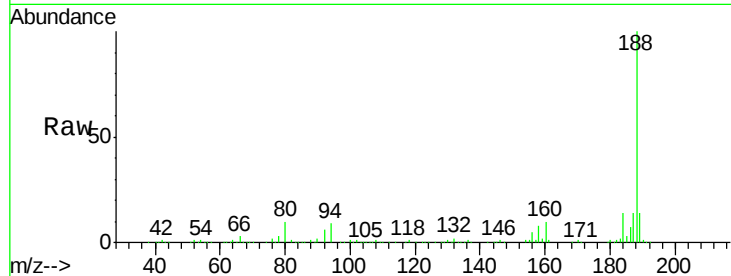




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104579.D
Acq: 17 Apr 2018 23:15

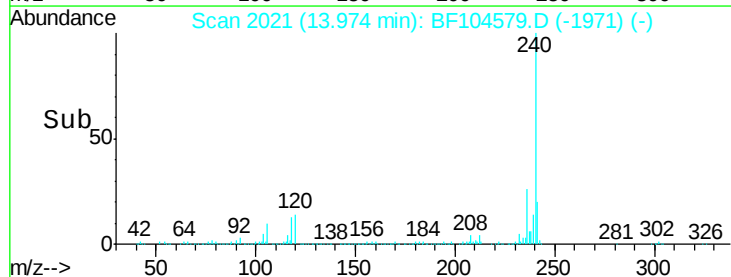
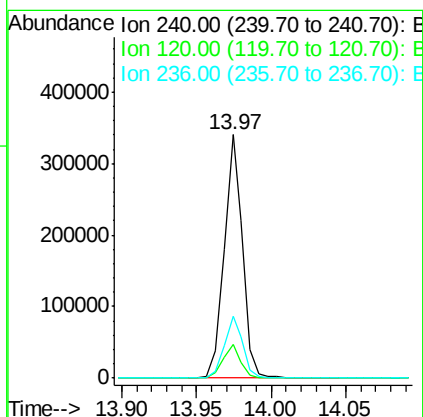
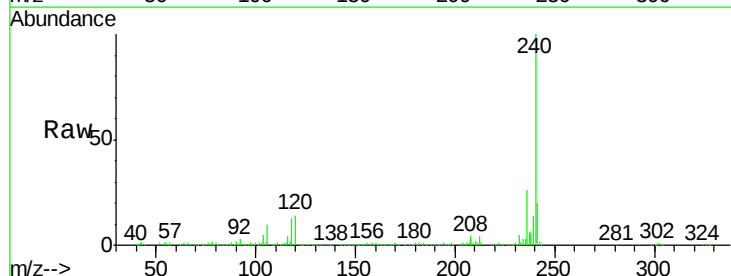
Instrument :
BNA_F
ClientSampleId :
NAA-WS-005

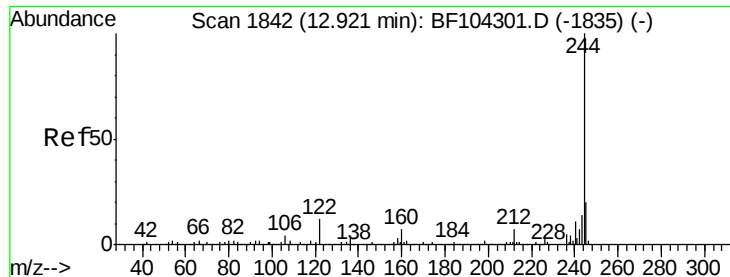
Tot Ion:188 Resp: 336436
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104579.D
Acq: 17 Apr 2018 23:15

Tgt Ion:240 Resp: 295512
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 55.265 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104579.D

Acq: 17 Apr 2018 23:15

Instrument :

BNA_F

ClientSampleID :

NAA-WS-005

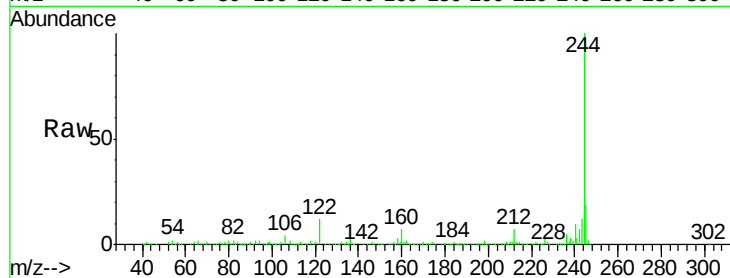
Tot Ion:244 Resp: 716347

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

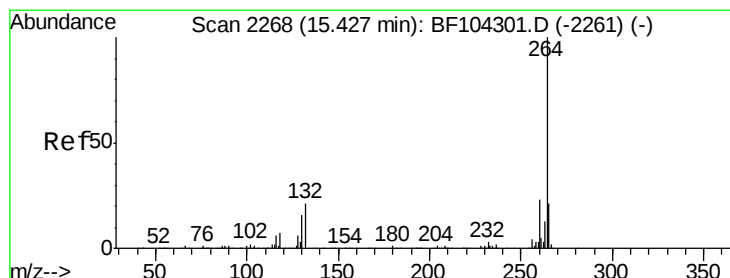
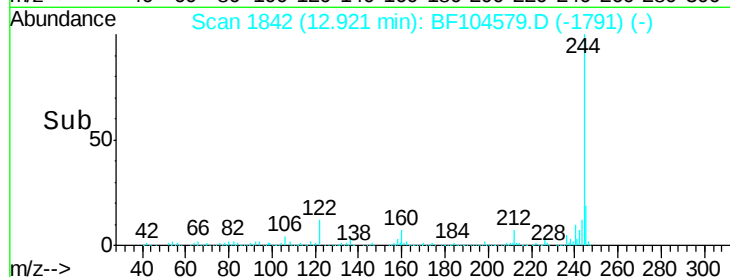
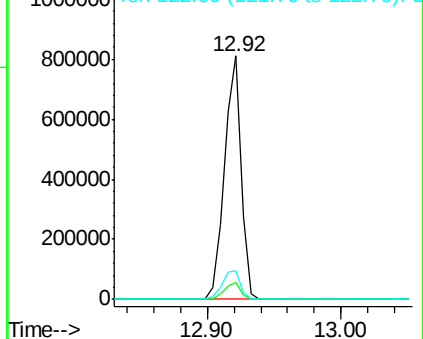
122 12.0 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF104579.D

Acq: 17 Apr 2018 23:15

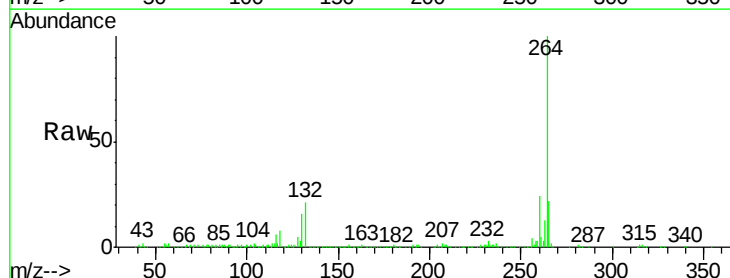
Tgt Ion:264 Resp: 239487

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.6 17.5 26.3



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

