

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
 Data File : BF104584.D
 Acq On : 18 Apr 2018 1:27
 Operator : JU/SJ
 Sample : J2410-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 02:32:50 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

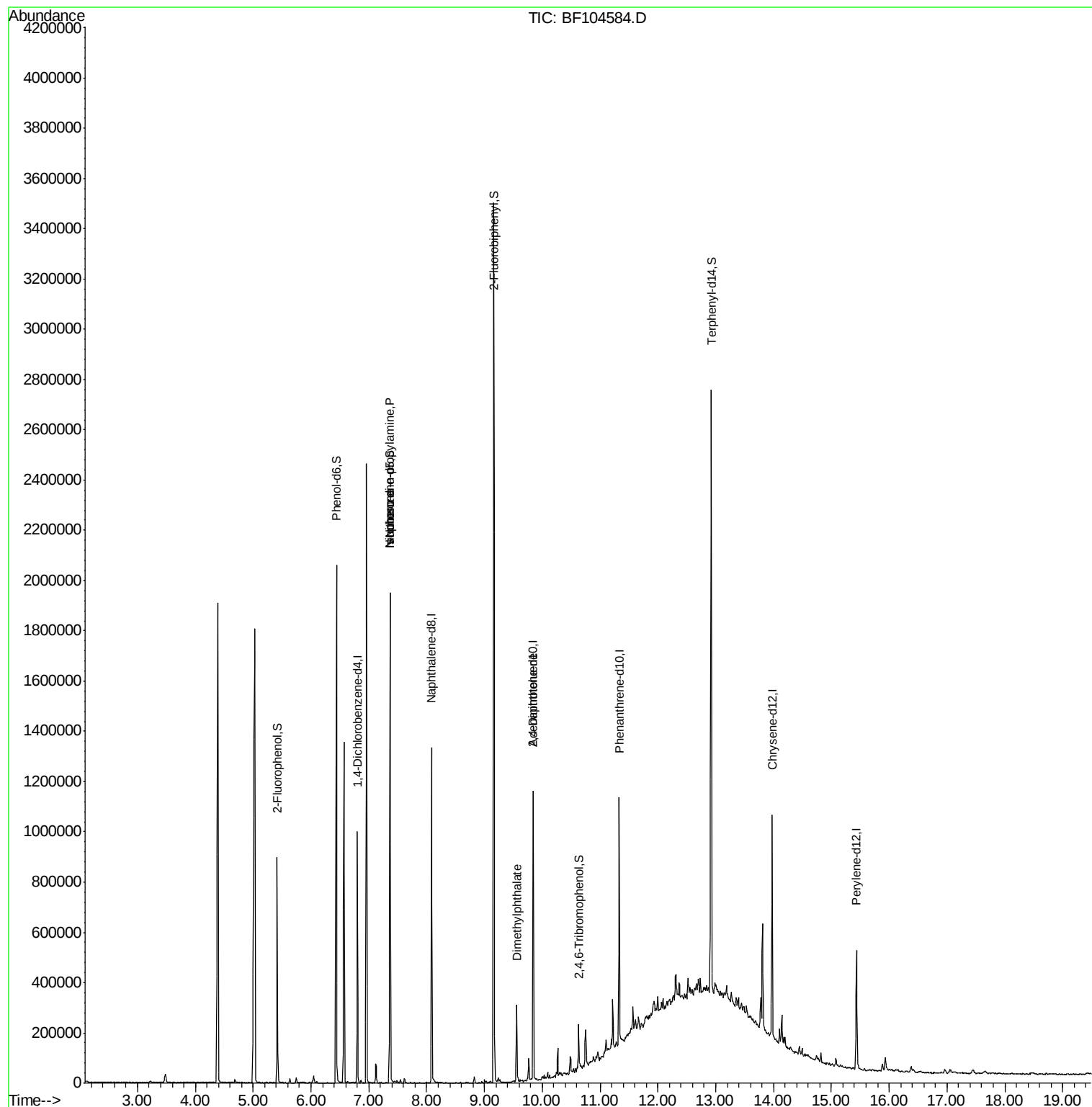
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143033	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	572084	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	236872	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	350875	20.00	ng	0.00
75) Chrysene-d12	13.97	240	279419	20.00	ng	0.00
86) Perylene-d12	15.43	264	211977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	242504	25.92	ng	0.00
7) Phenol-d6	6.44	99	774921	67.42	ng	0.00
23) Nitrobenzene-d5	7.37	82	646244	73.76	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	21353	8.69	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1086040	72.43	ng	0.00
78) Terphenyl-d14	12.92	244	805974	65.76	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1155	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propylamine	7.37	70	83725	11.148 ng	#	74
25) Isophorone	7.37	82	646234	34.881 ng	#	64
49) Dimethylphthalate	9.56	163	114027	6.104 ng		100
56) 2,4-Dinitrotoluene	9.84	165	29722	6.556 ng	#	23
76) Benzidine	12.92	184	10854	Below Cal		97

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

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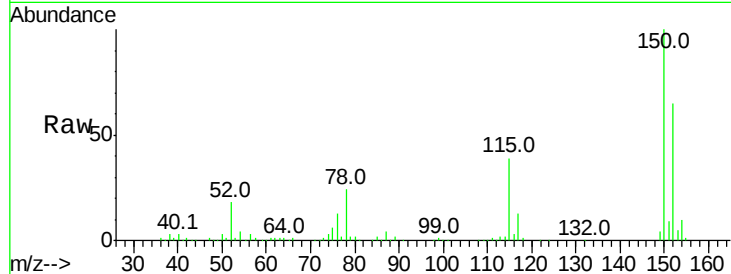


#1

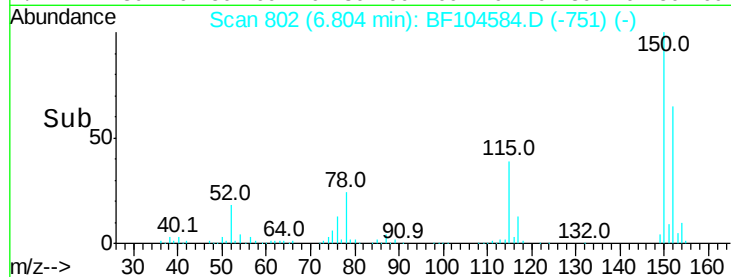
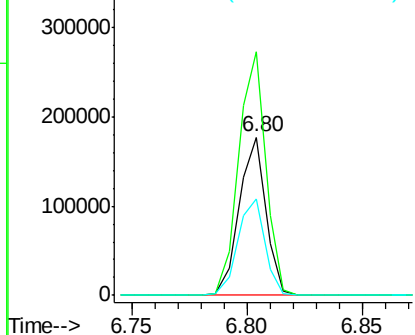
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104584.D
Acq: 18 Apr 2018 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143033
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 60.6 50.1 75.1



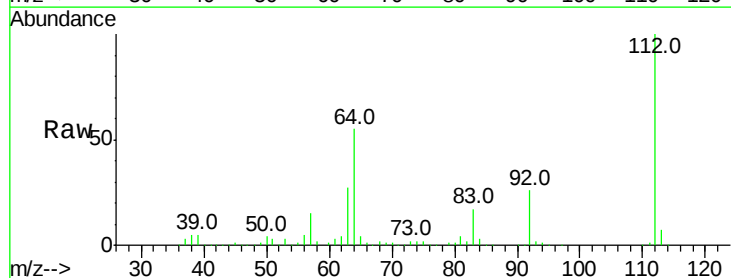
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



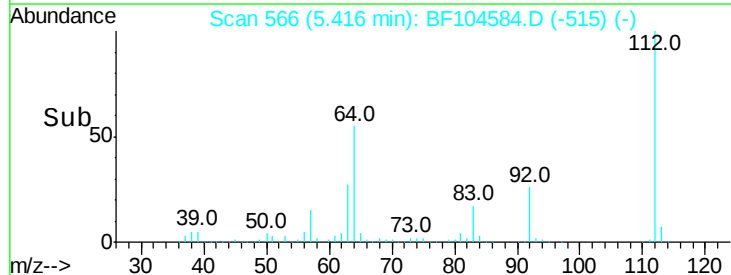
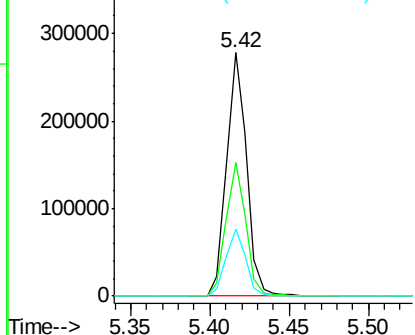
#5

2-Fluorophenol
Concen: 25.924 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF104584.D
Acq: 18 Apr 2018 1:27

Tgt Ion:112 Resp: 242504
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 27.4 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: 67.423 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104584.D

Acq: 18 Apr 2018 1:27

Instrument :

BNA_F

ClientSampleId :

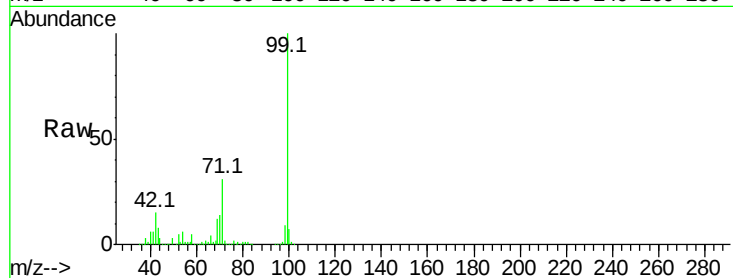
Tot Ion: 99 Resp: 774921

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

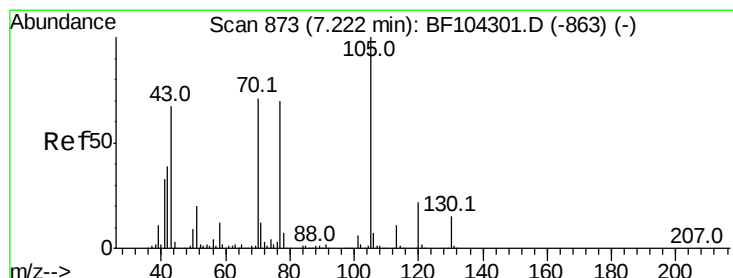
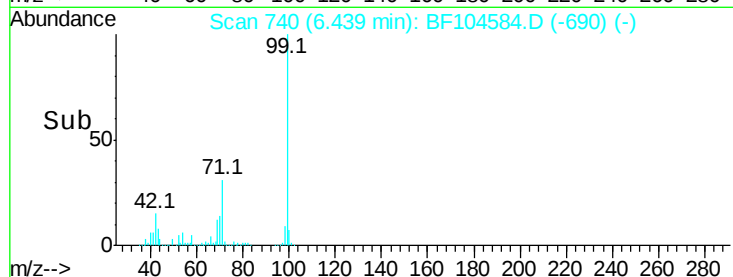
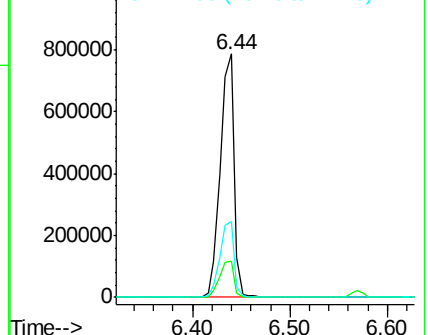
71 31.2 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.148 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104584.D

Acq: 18 Apr 2018 1:27

Tgt Ion: 70 Resp: 83725

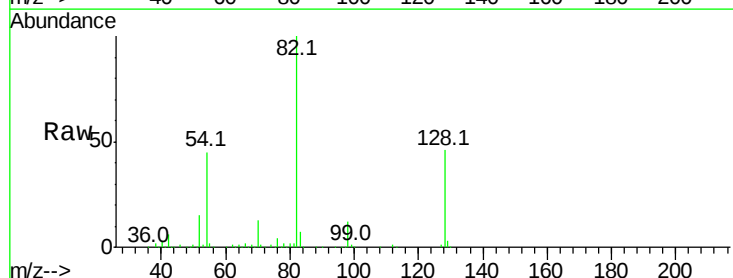
Ion Ratio Lower Upper

70 100

42 43.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

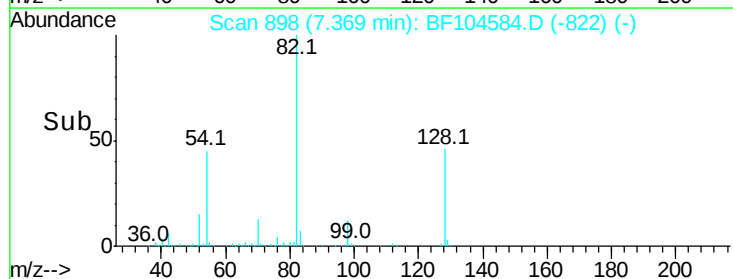
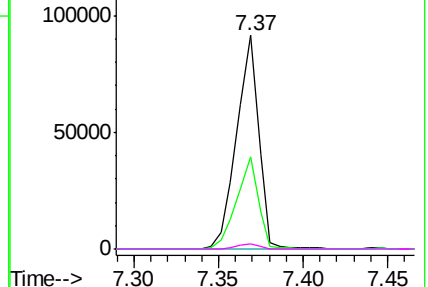


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

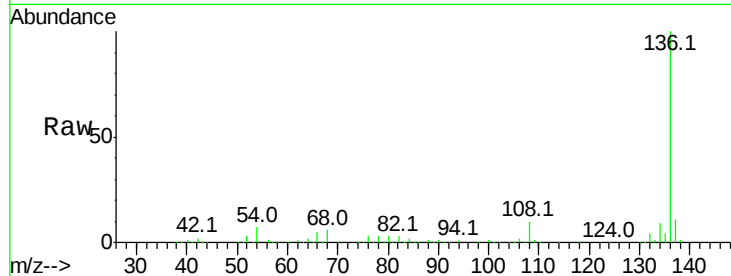




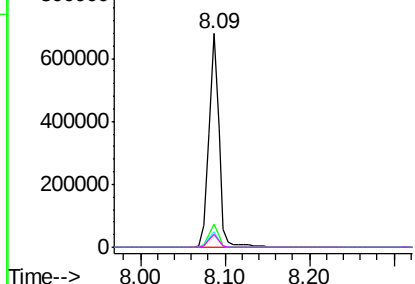
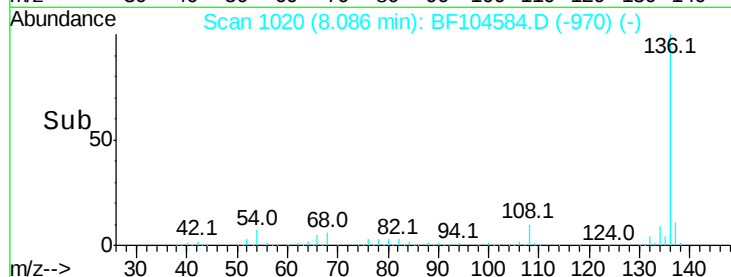
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104584.D
Acq: 18 Apr 2018 1:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	572084
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	6.6	9.8
68	6.1	5.0	7.4

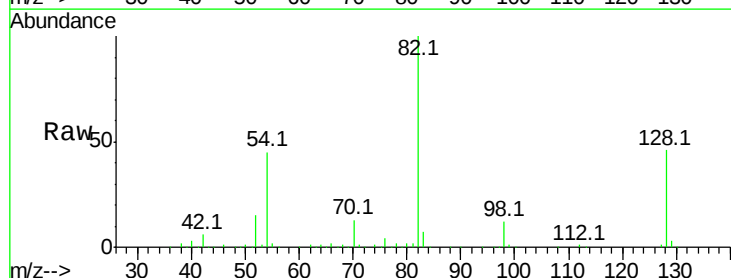


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

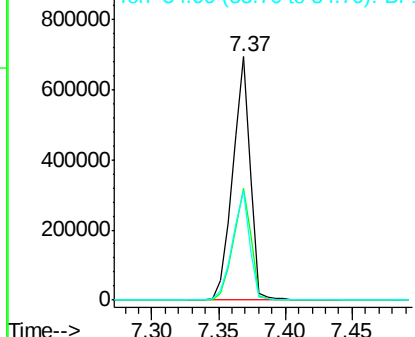
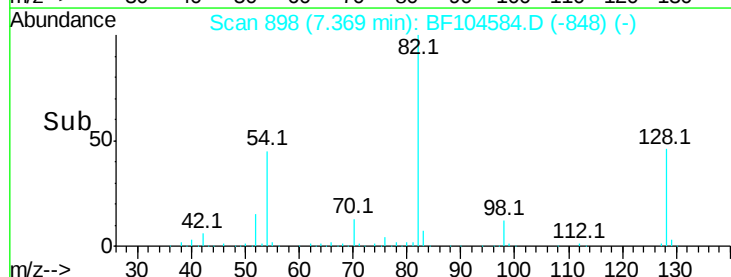


#23
Nitrobenzene-d5
Concen: 73.763 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104584.D
Acq: 18 Apr 2018 1:27

Tgt Ion:	82	Resp:	646244
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	44.8	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





#25

Isophorone

Concen: 34.881 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104584.D

Acq: 18 Apr 2018 1:27

Instrument :

BNA_F

ClientSampled :

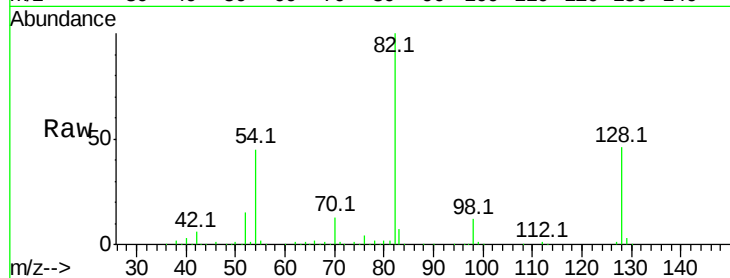
Tot Ion: 82 Resp: 646234

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

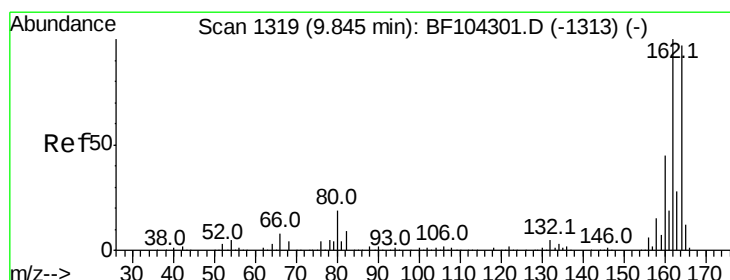
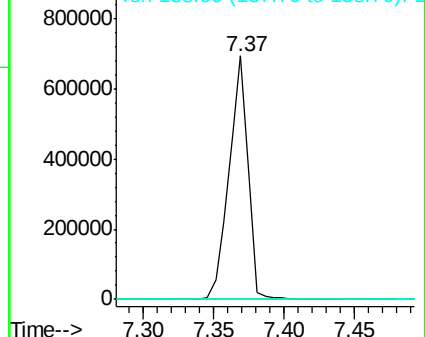
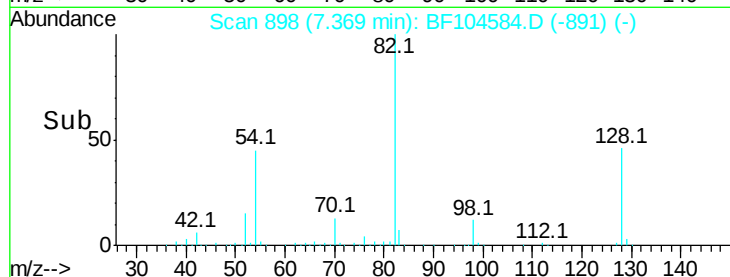
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104584.D

Acq: 18 Apr 2018 1:27

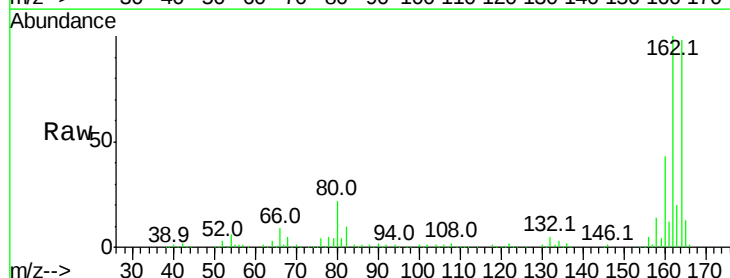
Tgt Ion: 164 Resp: 236872

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

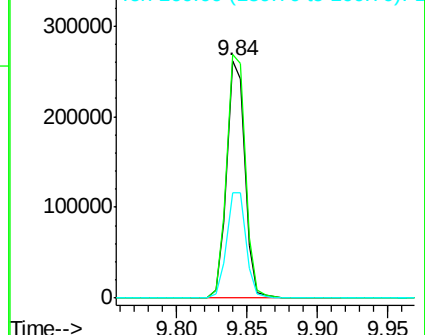
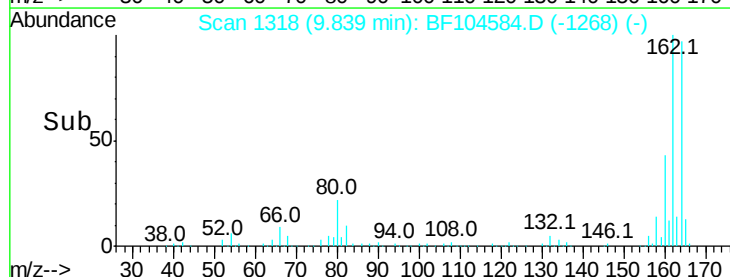
160 44.5 38.3 57.5



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

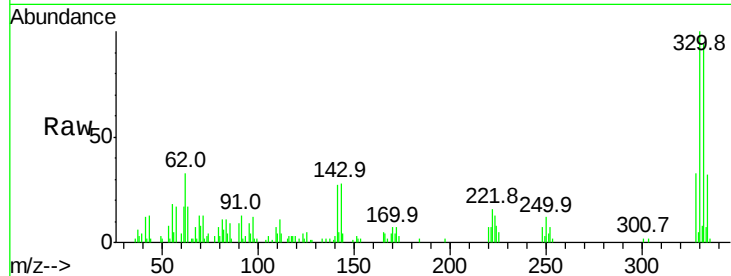




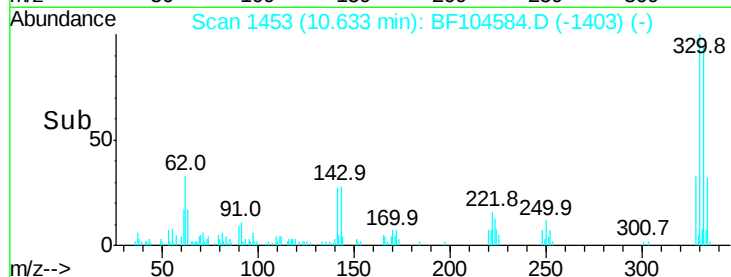
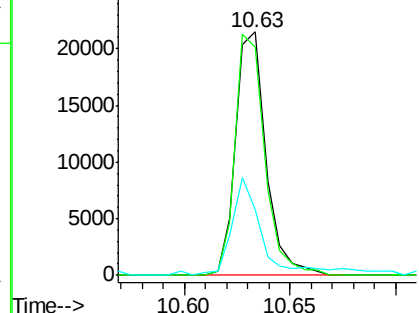
#41
 2,4,6-Tribromophenol
 Concen: 8.690 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104584.D
 Acq: 18 Apr 2018 1:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	42.5	29.9	44.9

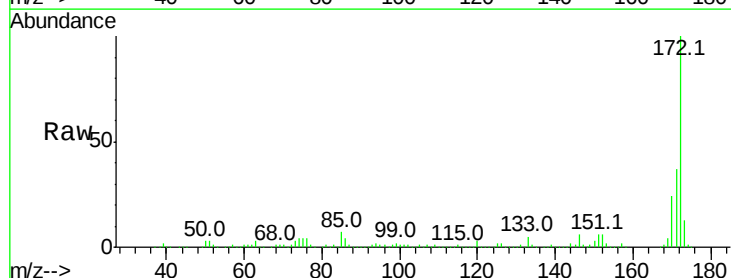


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

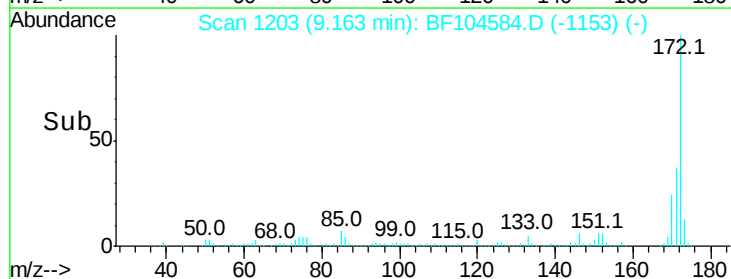
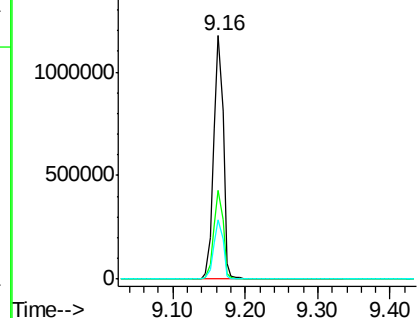


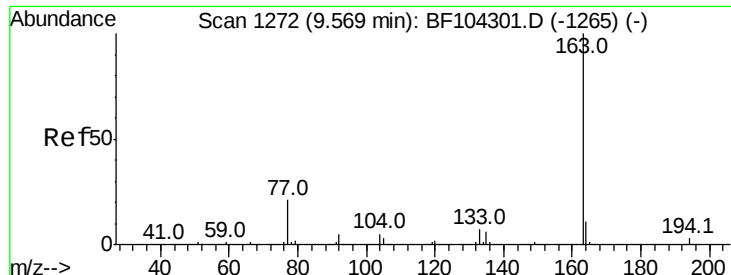
#44
 2-Fluorobiphenyl
 Concen: 72.430 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104584.D
 Acq: 18 Apr 2018 1:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.2	19.6	29.4



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

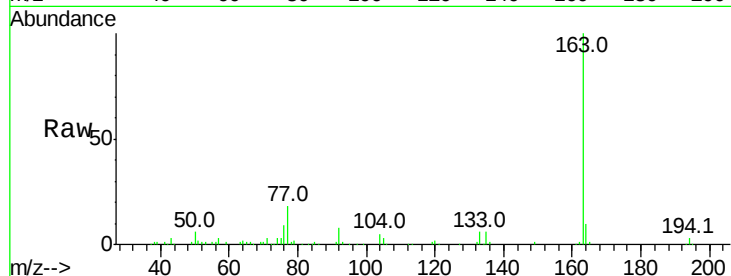




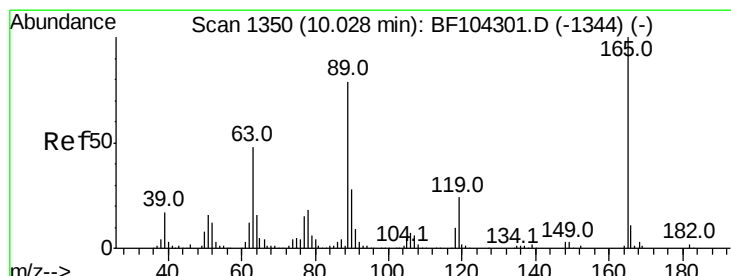
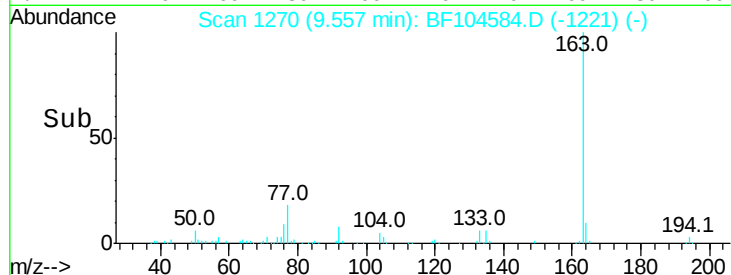
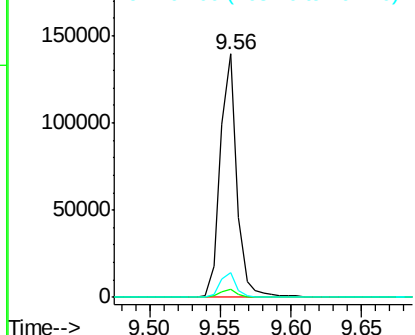
#49
Dimethylphthalate
Concen: 6.104 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104584.D
Acq: 18 Apr 2018 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.0	8.2	12.2



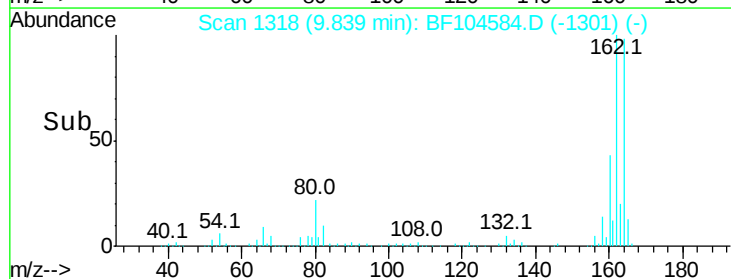
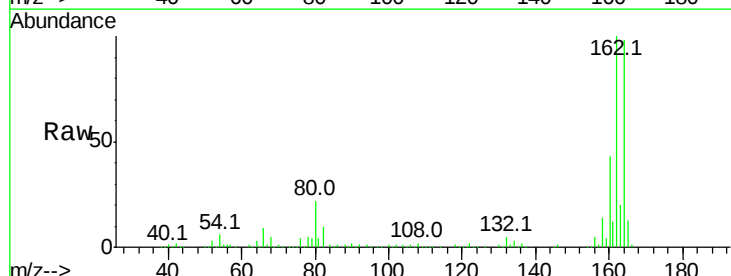
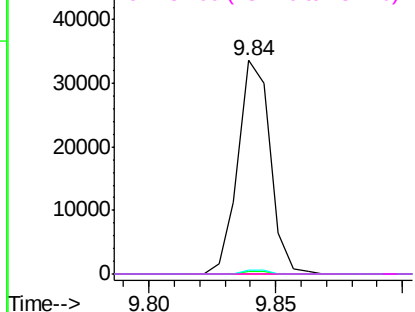
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

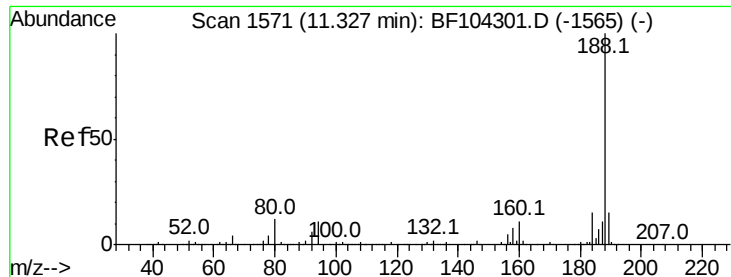


#56
2,4-Dinitrotoluene
Concen: 6.556 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104584.D
Acq: 18 Apr 2018 1:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF104584.D

Acq: 18 Apr 2018 1:27

Instrument :

BNA_F

ClientSampleId :

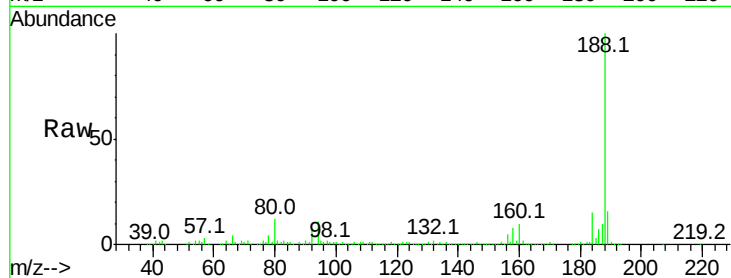
Tot Ion:188 Resp: 350875

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

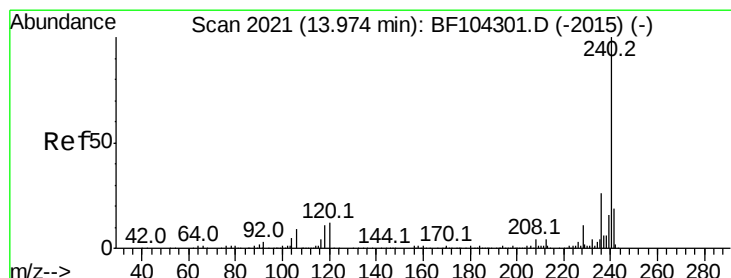
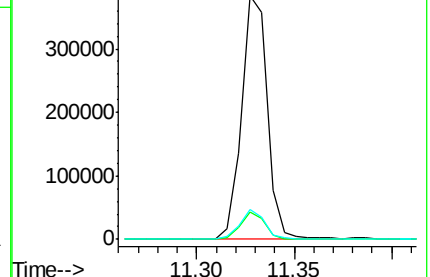
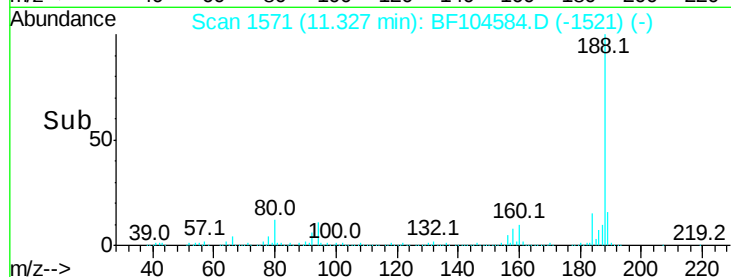
80 12.2 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104584.D

Acq: 18 Apr 2018 1:27

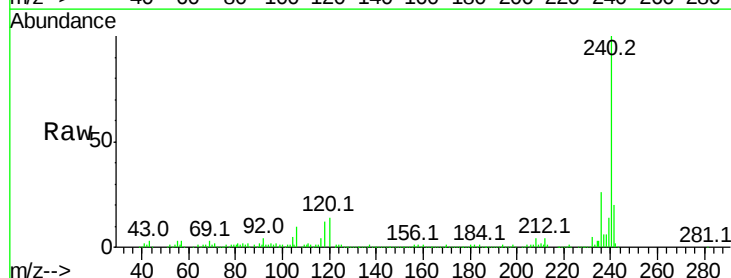
Tgt Ion:240 Resp: 279419

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

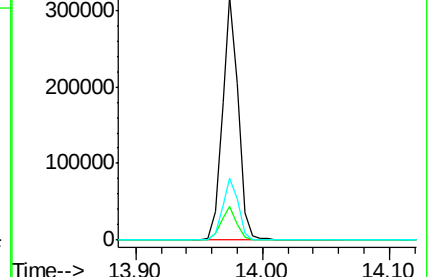
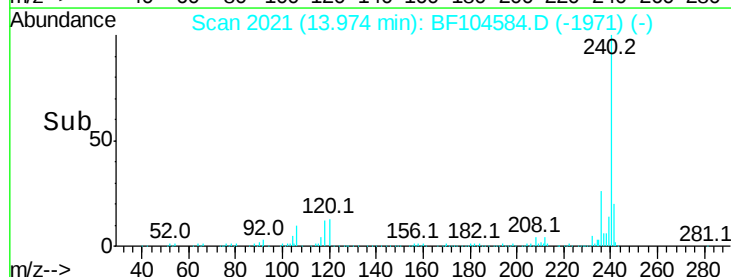
236 25.6 20.7 31.1

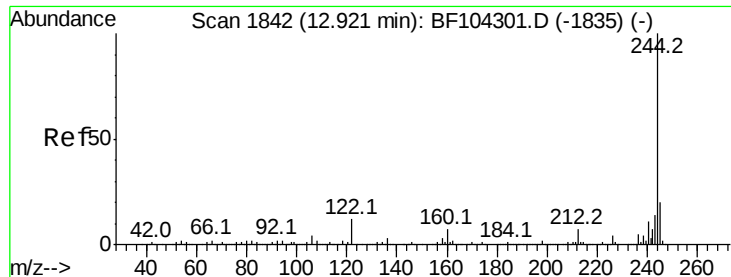


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.761 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104584.D

Acq: 18 Apr 2018 1:27

Instrument :

BNA_F

ClientSampleId :

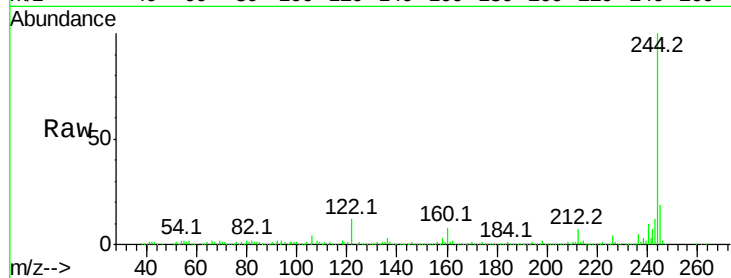
Tot Ion:244 Resp: 805974

Ion Ratio Lower Upper

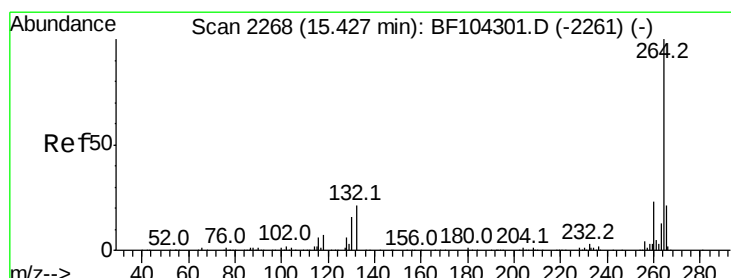
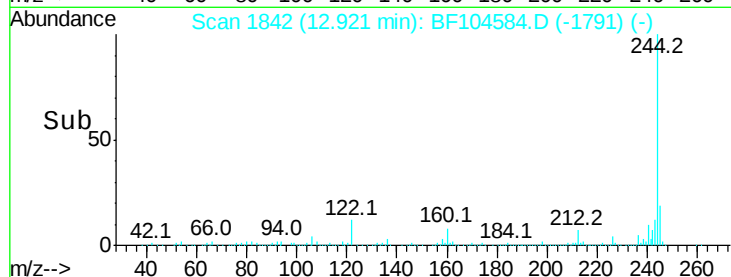
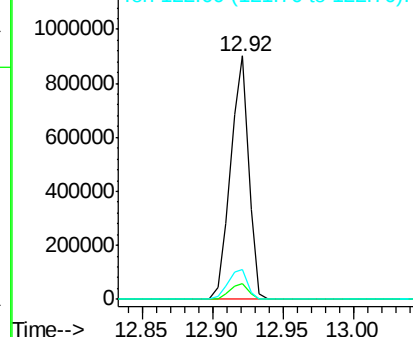
244 100

212 6.7 5.4 8.0

122 12.3 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: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF104584.D

Acq: 18 Apr 2018 1:27

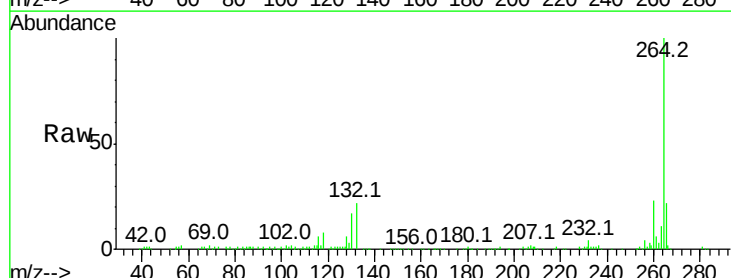
Tgt Ion:264 Resp: 211977

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.3 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

