

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033974.D
 Acq On : 25 Apr 2018 4:58
 Operator : SJ/JU
 Sample : J2498-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VB16206-VB16122

Quant Time: Apr 25 17:00:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

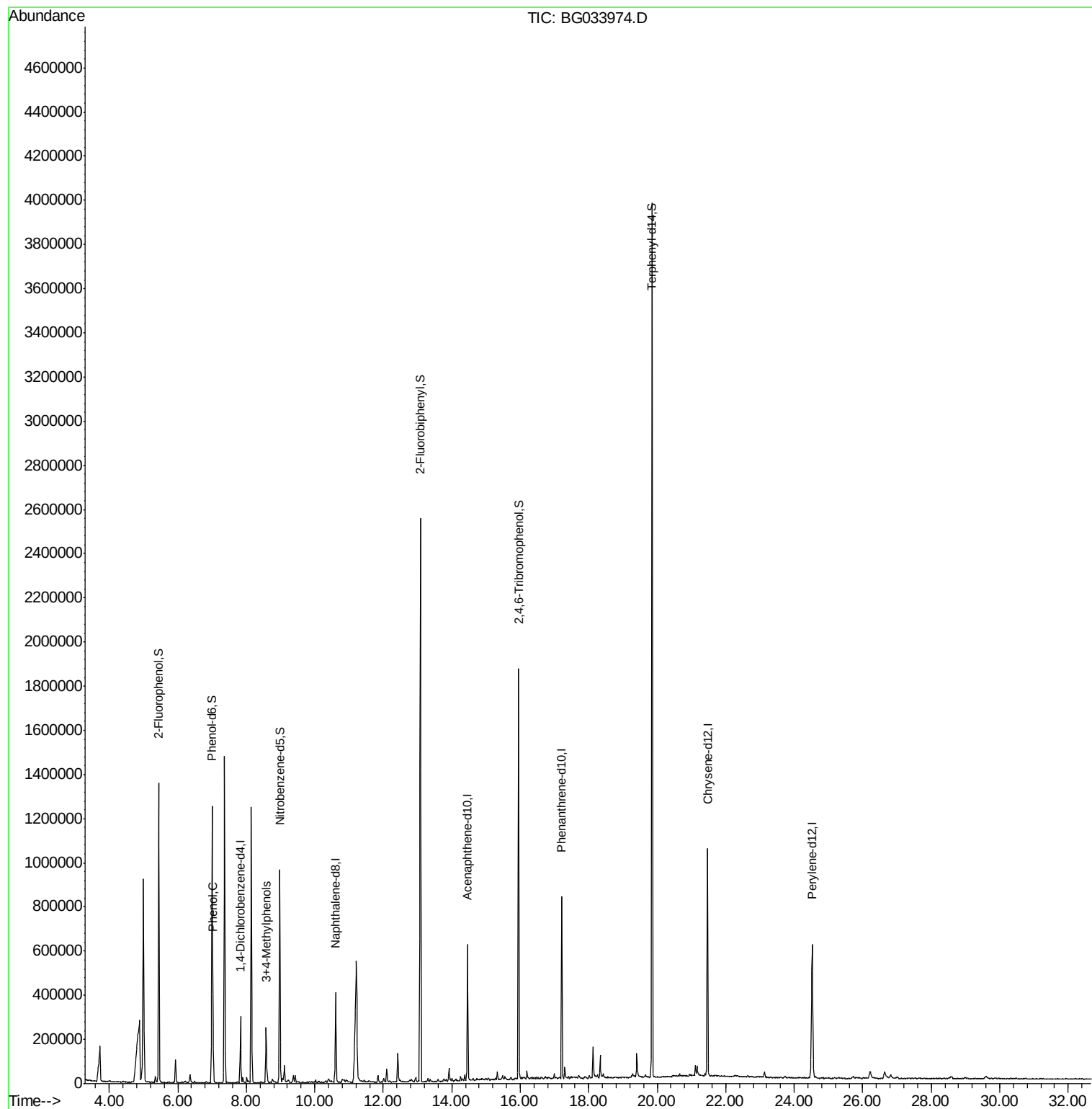
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	81151	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	348259	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	207997	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	515609	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	602999	20.00	ng	-0.02
86) Perylene-d12	24.52	264	627568	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	568772	111.90	ng	0.00
7) Phenol-d6	7.00	99	691891	93.32	ng	0.00
23) Nitrobenzene-d5	8.98	82	586211	95.79	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	331087	136.44	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1342160	94.79	ng	-0.02
78) Terphenyl-d14	19.84	244	1878299	69.98	ng	-0.02
Target Compounds						
10) Phenol	7.02	94	127037	16.727	ng	99
20) 3+4-Methylphenols	8.58	107	109348	13.371	ng	94

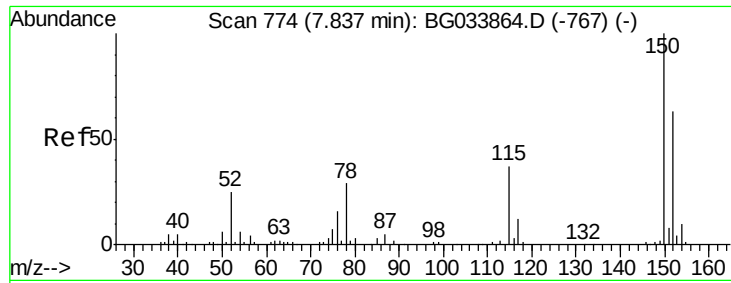
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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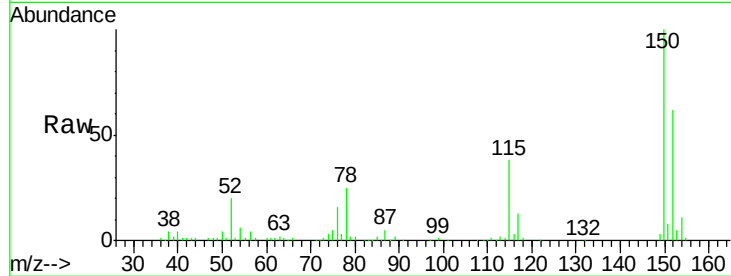


#1

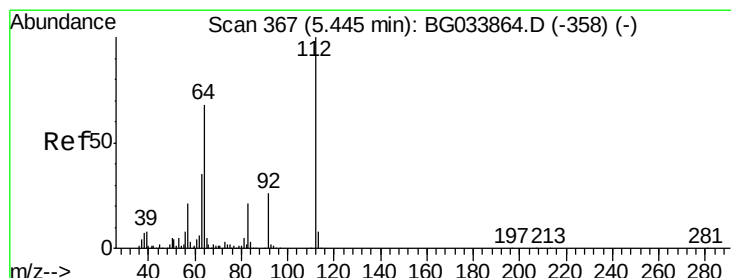
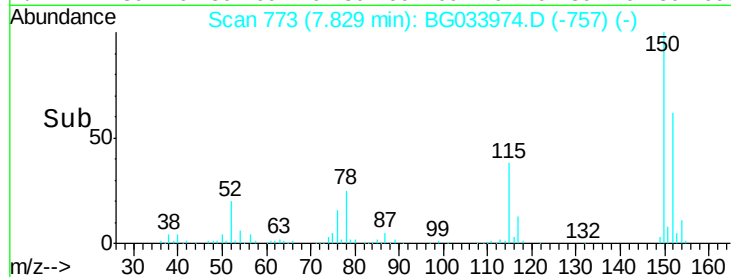
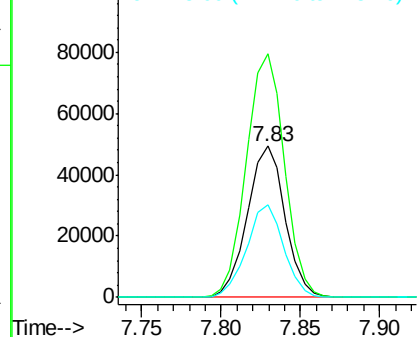
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BG033974.D
 Acq: 25 Apr 2018 4:58

Instrument :
 BNA_G
 ClientSampleId :
 VB16206-VB16122

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.6	189.8
115	61.6	53.0	79.4



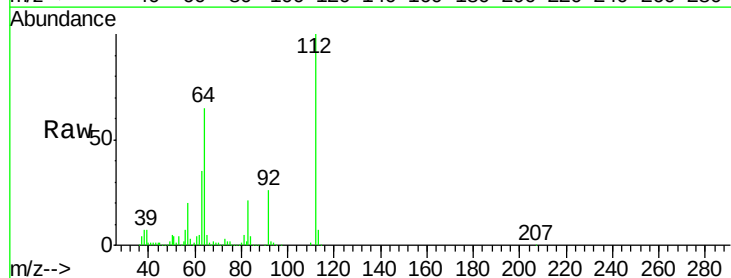
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



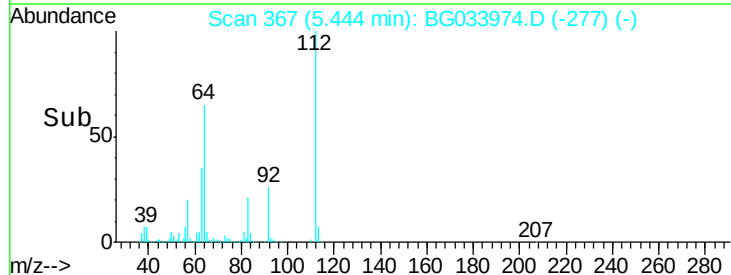
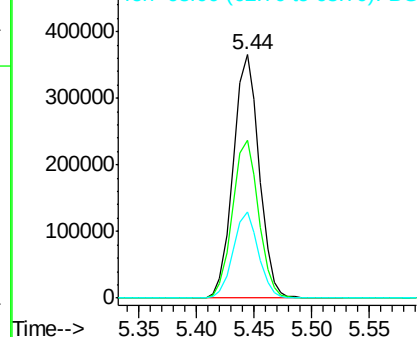
#5

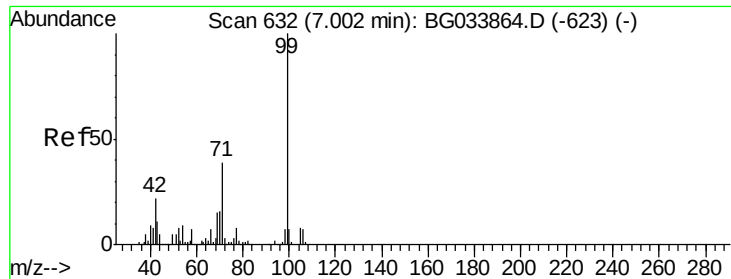
2-Fluorophenol
 Concen: 111.898 ng
 RT: 5.44 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: BG033974.D
 Acq: 25 Apr 2018 4:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	56.3	84.5
63	35.4	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 93.325 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033974.D

Acq: 25 Apr 2018 4:58

Instrument :

BNA_G

ClientSampleId :

VB16206-VB16122

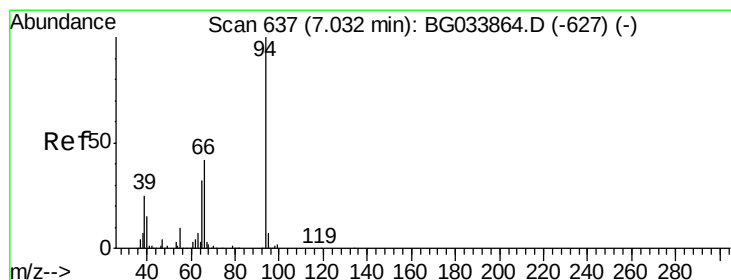
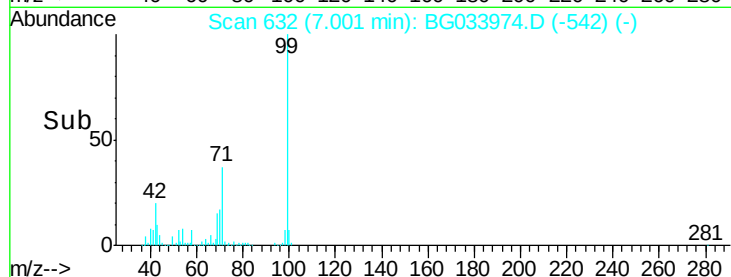
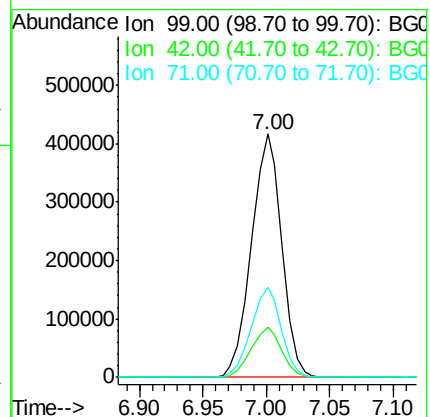
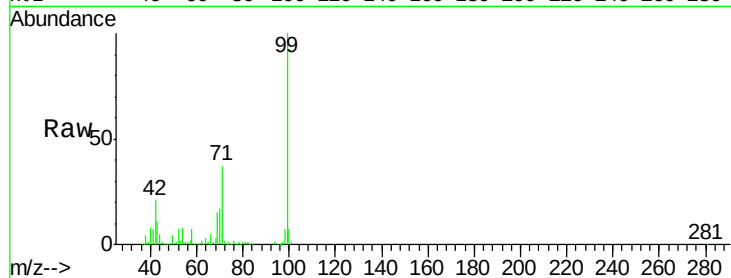
Tot Ion: 99 Resp: 691891

Ion Ratio Lower Upper

99 100

42 20.5 14.1 21.1

71 37.2 26.1 39.1



#10

Phenol

Concen: 16.727 ng

RT: 7.02 min Scan# 636

Delta R.T. -0.01 min

Lab File: BG033974.D

Acq: 25 Apr 2018 4:58

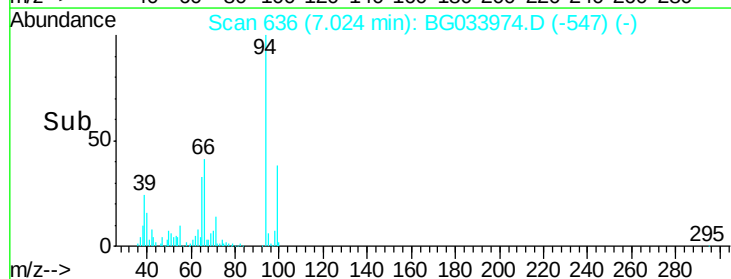
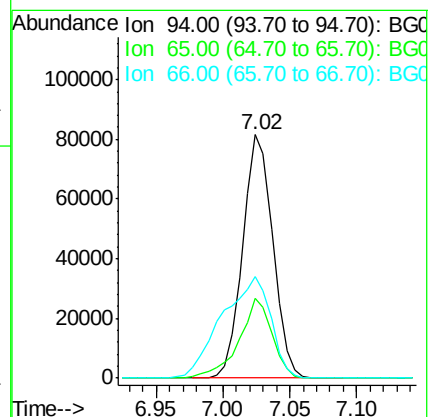
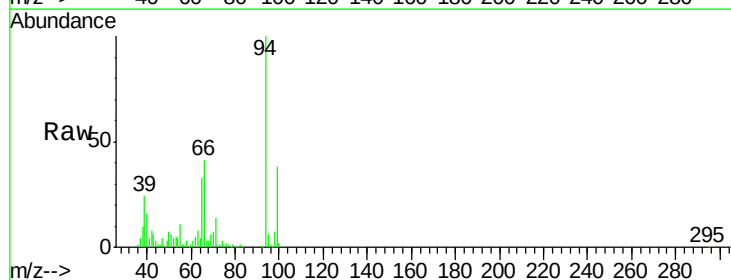
Tgt Ion: 94 Resp: 127037

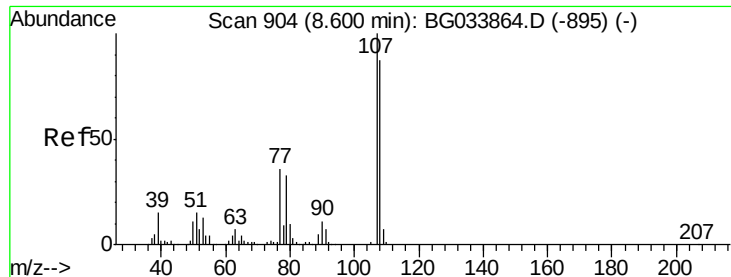
Ion Ratio Lower Upper

94 100

65 32.7 11.9 51.9

66 41.5 22.2 62.2





#20

3+4-Methylphenols

Concen: 13.371 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG033974.D

Acq: 25 Apr 2018 4:58

Instrument :

BNA_G

ClientSampleId :

VB16206-VB16122

Tot Ion:107 Resp: 109348

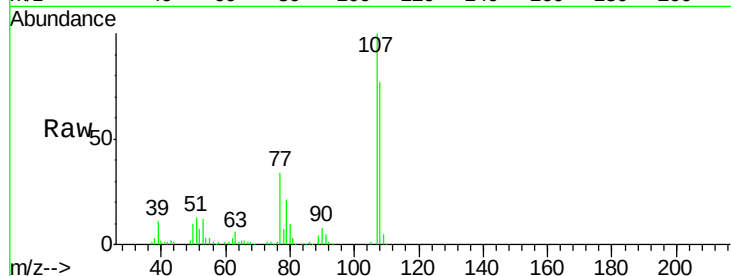
Ion Ratio Lower Upper

107 100

108 77.3 61.6 101.6

77 33.6 13.9 53.9

79 21.4 8.8 48.8

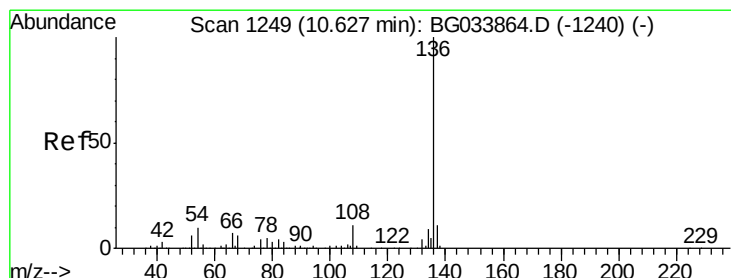
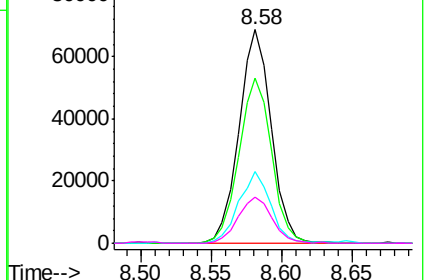
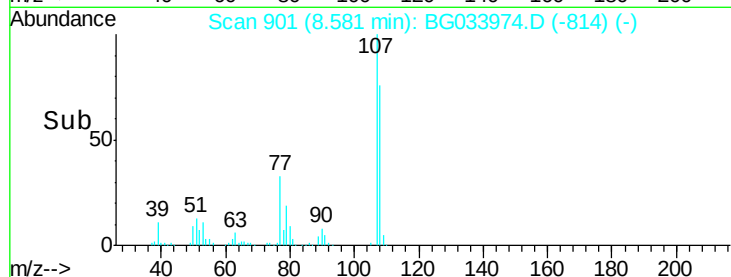


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033974.D

Acq: 25 Apr 2018 4:58

Tgt Ion:136 Resp: 348259

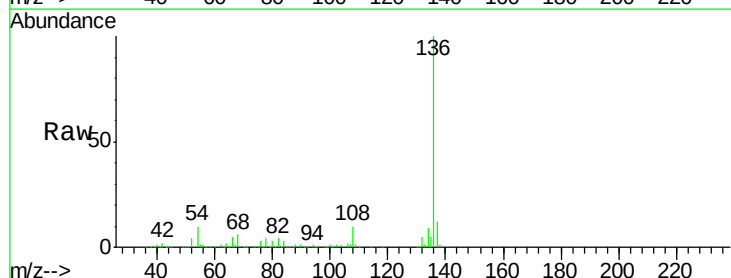
Ion Ratio Lower Upper

136 100

137 12.2 9.2 13.8

54 9.5 10.3 15.5#

68 6.0 4.5 6.7

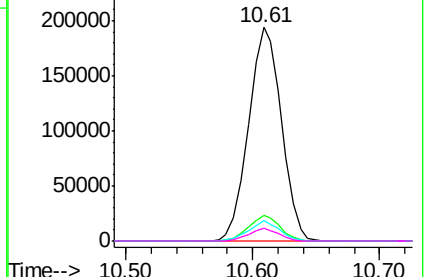
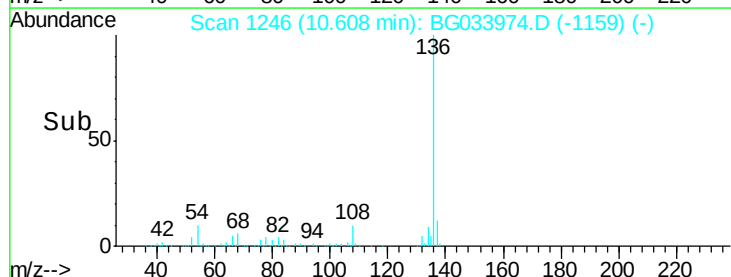


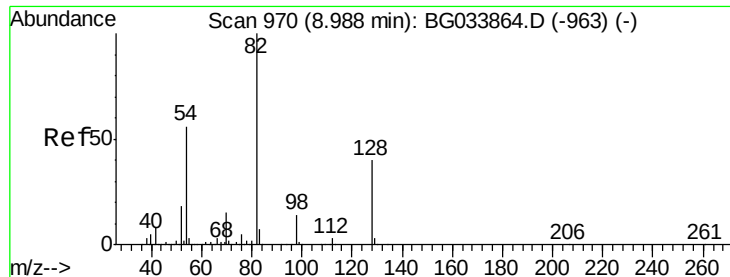
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

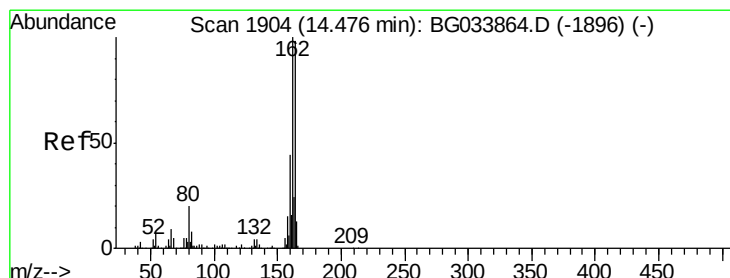
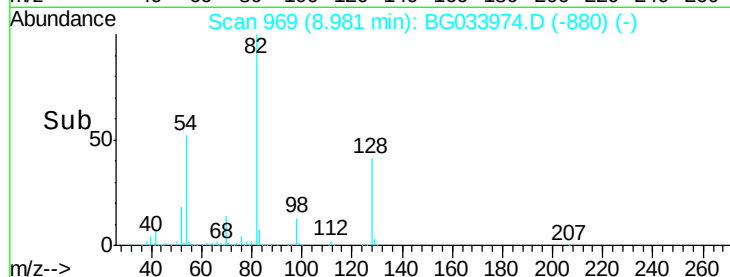
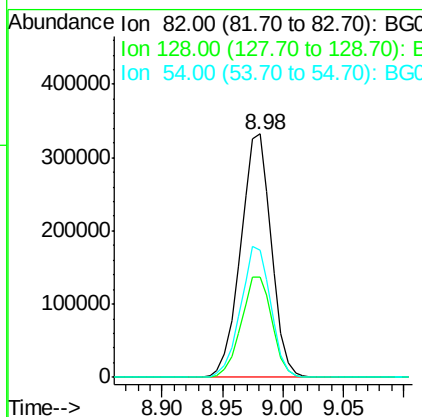
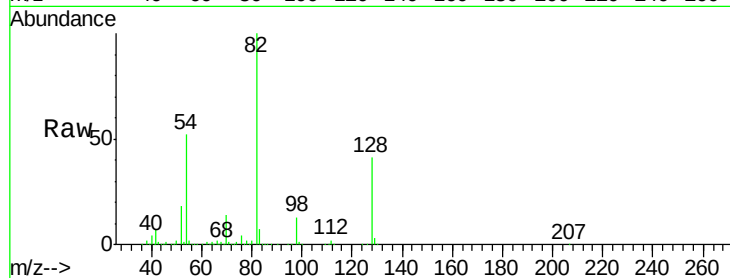




#23
 Nitrobenzene-d5
 Concen: 95.794 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033974.D
 Acq: 25 Apr 2018 4:58

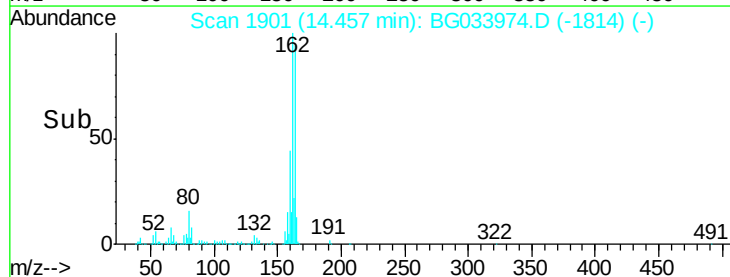
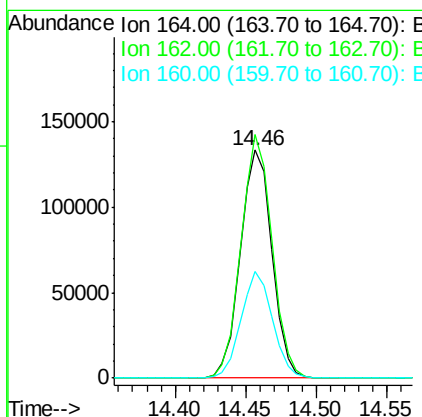
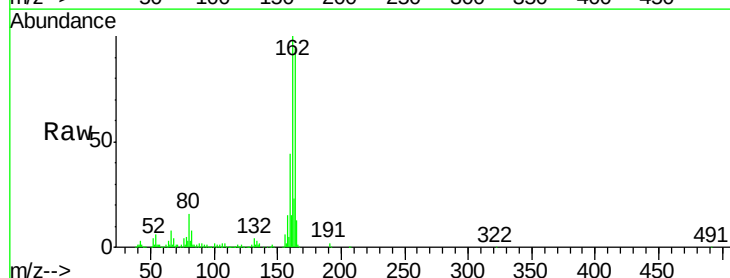
Instrument :
 BNA_G
 ClientSampleId :
 VB16206-VB16122

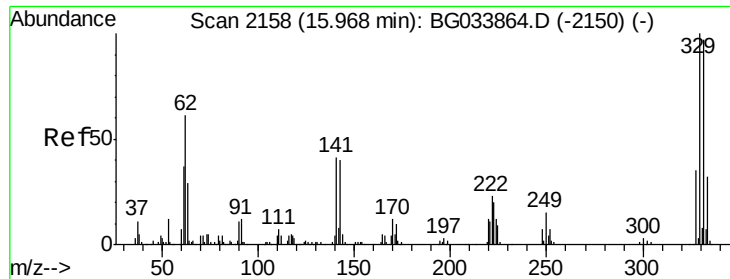
Tot Ion	82	Resp	586211
Ion Ratio	Lower	Upper	
82	100		
128	41.4	29.7	44.5
54	52.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033974.D
 Acq: 25 Apr 2018 4:58

Tgt Ion	164	Resp	207997
Ion Ratio	Lower	Upper	
164	100		
162	106.9	78.8	118.2
160	47.0	35.4	53.0

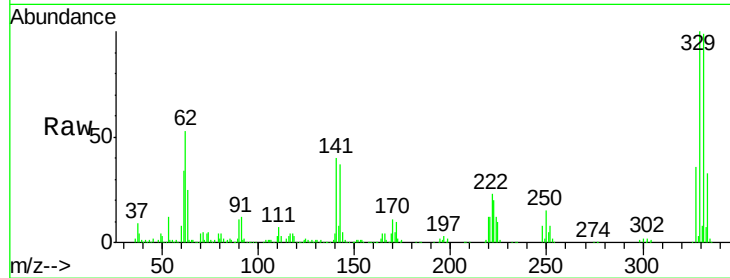




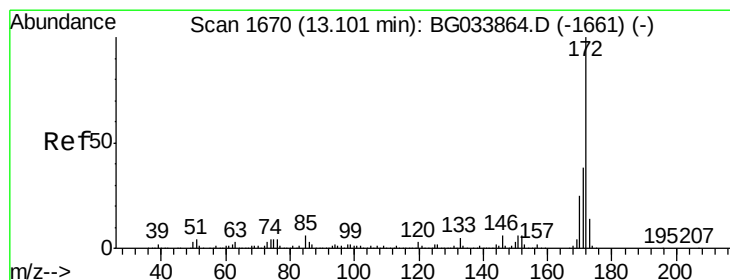
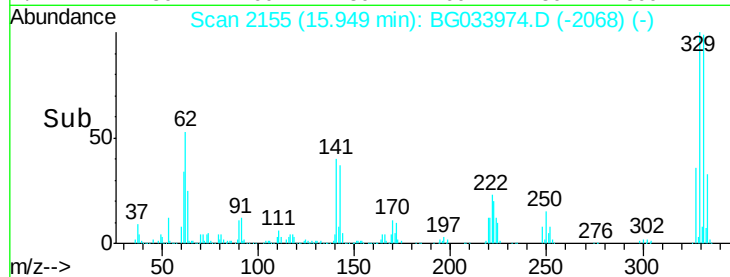
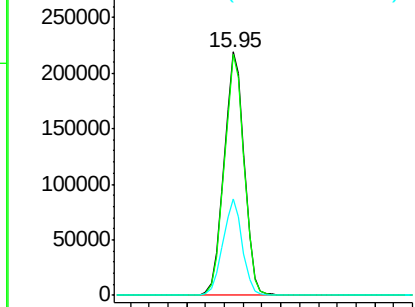
#41
 2,4,6-Tribromophenol
 Concen: 136.440 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033974.D
 Acq: 25 Apr 2018 4:58

Instrument :
 BNA_G
 ClientSampleId :
 VB16206-VB16122

Tot Ion:330 Resp: 331087
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 38.1 25.2 37.8#

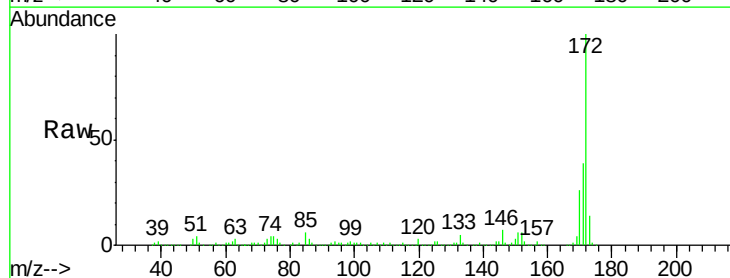


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

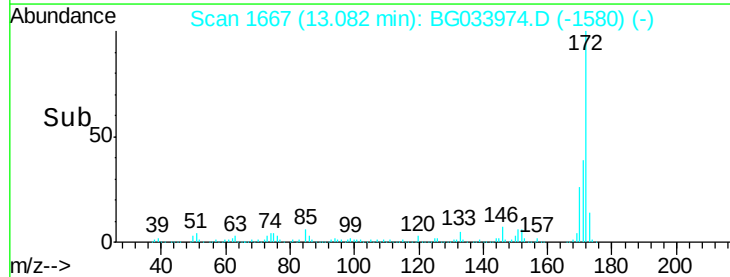
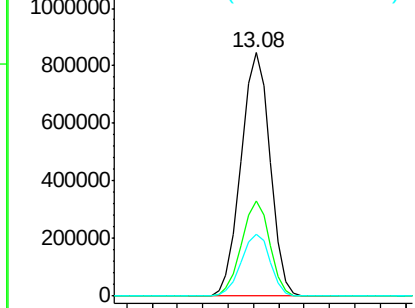


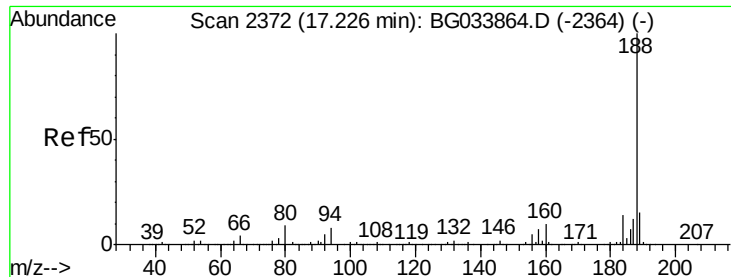
#44
 2-Fluorobiphenyl
 Concen: 94.793 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033974.D
 Acq: 25 Apr 2018 4:58

Tgt Ion:172 Resp: 1342160
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 25.7 19.5 29.3



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2369

Delta R.T. -0.02 min

Lab File: BG033974.D

Acq: 25 Apr 2018 4:58

Instrument :

BNA_G

ClientSampleId :

VB16206-VB16122

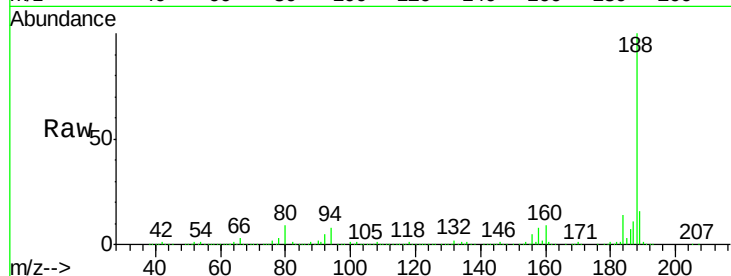
Tot Ion:188 Resp: 515609

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

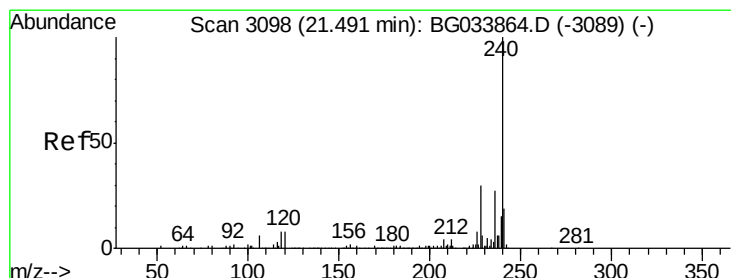
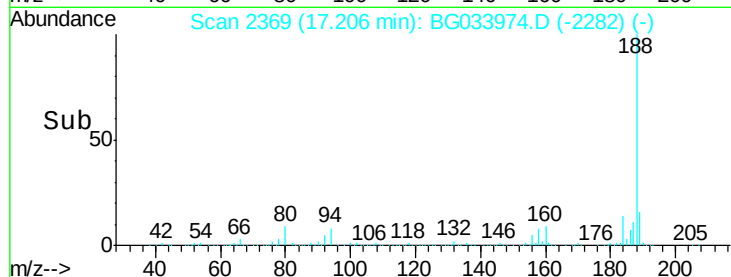
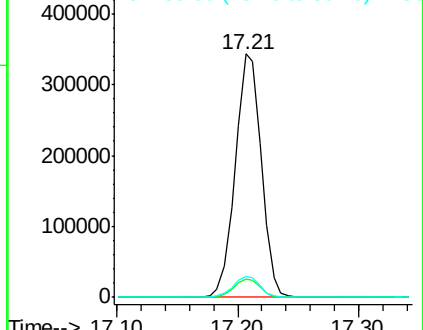
80 8.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BG033974.D

Acq: 25 Apr 2018 4:58

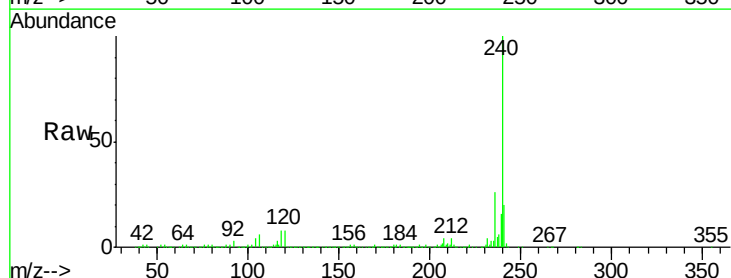
Tgt Ion:240 Resp: 602999

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

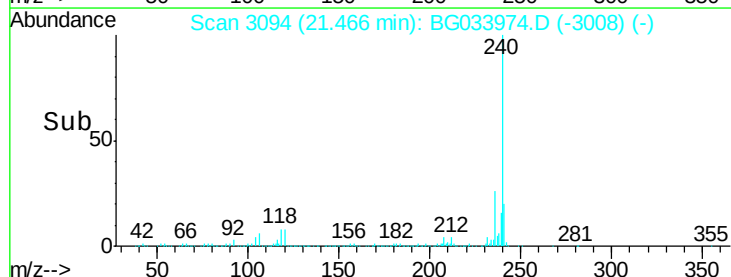
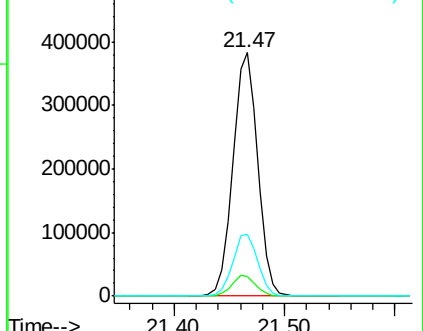
236 25.5 20.9 31.3

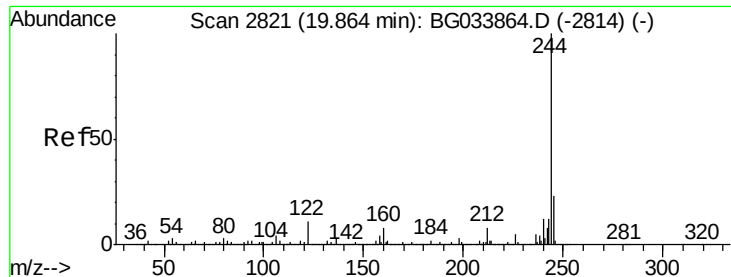


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.980 ng

RT: 19.84 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033974.D

Acq: 25 Apr 2018 4:58

Instrument :

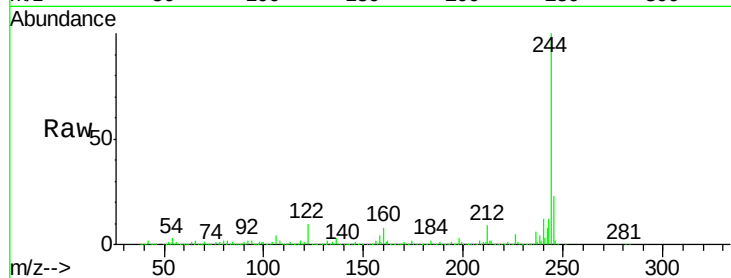
BNA_G

ClientSampleId :

VB16206-VB16122

Tot Ion:244 Resp: 1878299

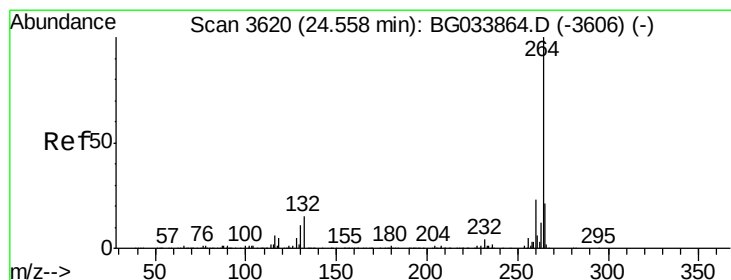
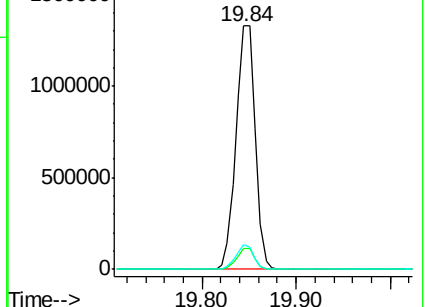
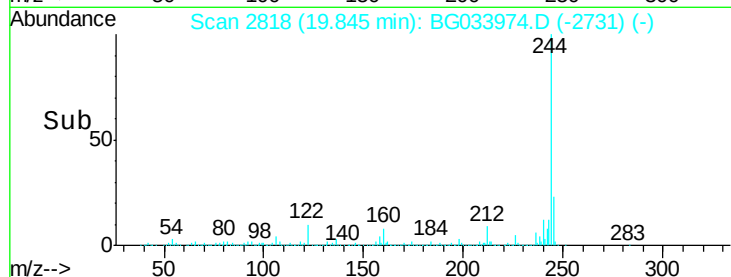
Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	10.4	7.0	10.4



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: 24.52 min Scan# 3614

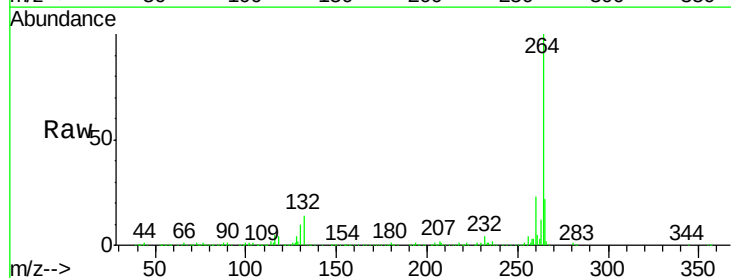
Delta R.T. -0.04 min

Lab File: BG033974.D

Acq: 25 Apr 2018 4:58

Tgt Ion:264 Resp: 627568

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.0	17.7	26.5



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

