

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102717\
 Data File : BG030490.D
 Acq On : 27 Oct 2017 10:10
 Operator : SJ/JU
 Sample : I6024-16
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-COMP

Quant Time: Oct 27 14:44:05 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

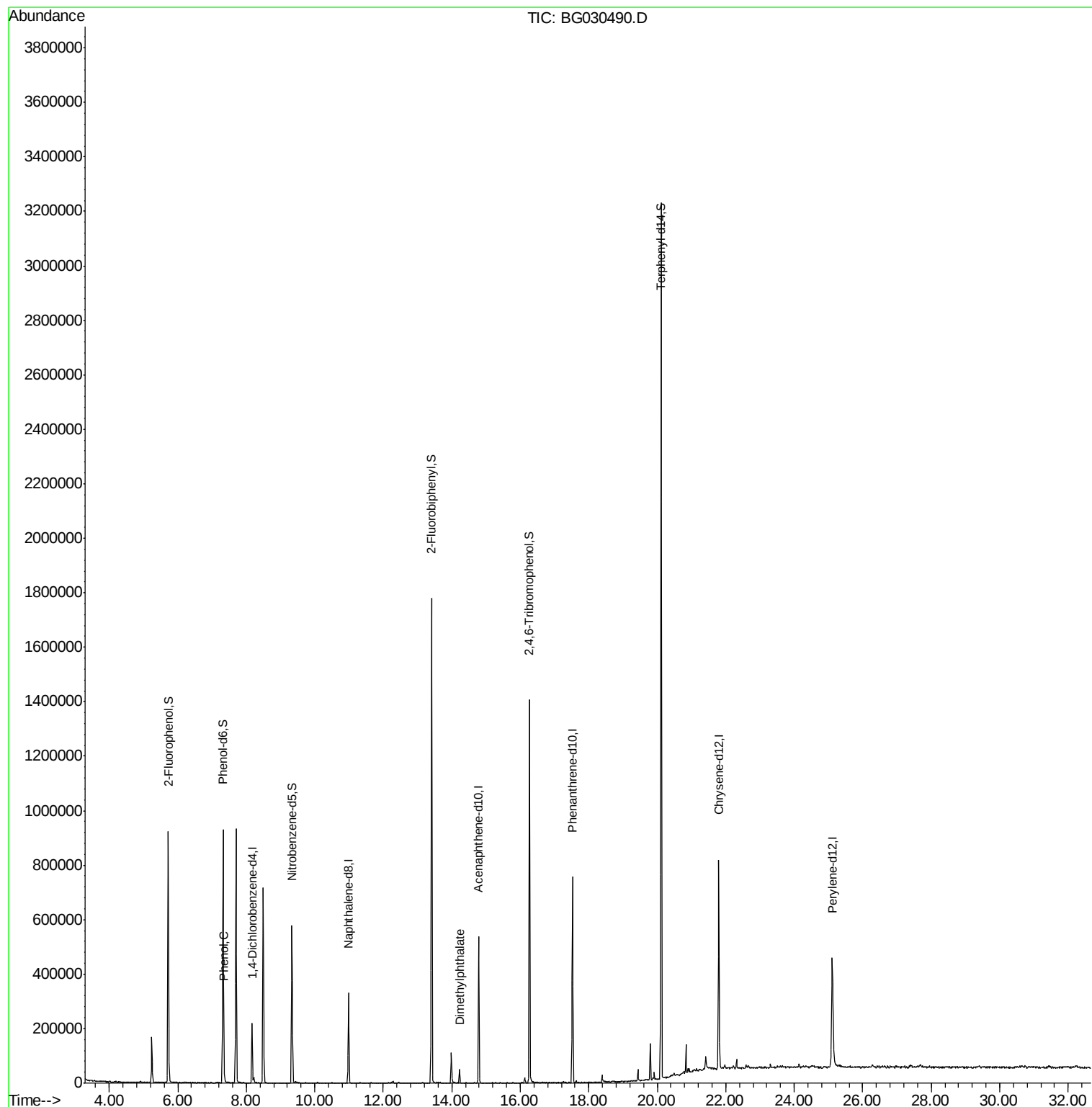
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	63946	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	296799	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	191537	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	453806	20.00	ng	0.00
75) Chrysene-d12	21.80	240	481169	20.00	ng	0.00
86) Perylene-d12	25.11	264	484933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	421615	110.14	ng	0.00
7) Phenol-d6	7.32	99	577398	107.46	ng	0.00
23) Nitrobenzene-d5	9.33	82	352961	75.57	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	287991	116.46	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	948652	72.64	ng	0.00
78) Terphenyl-d14	20.12	244	1495951	70.73	ng	0.00
Target Compounds						
10) Phenol	7.35	94	17192	2.968	ng	85
49) Dimethylphthalate	14.23	163	35622	2.384	ng	99

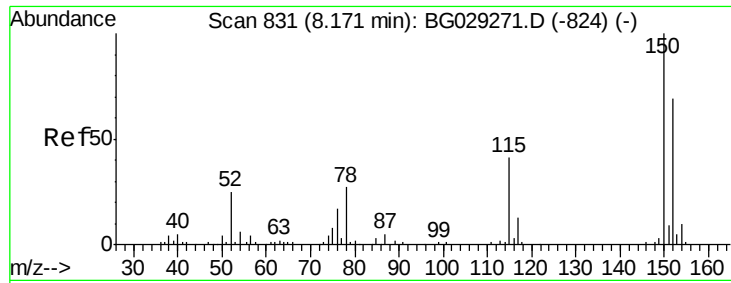
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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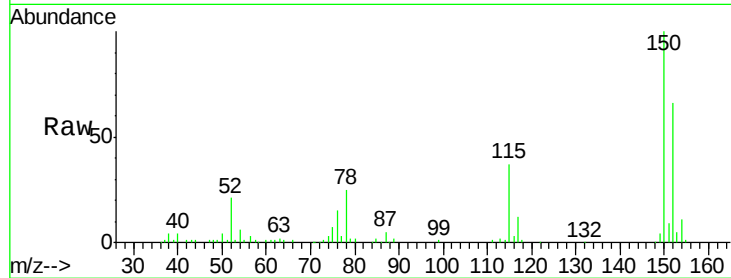




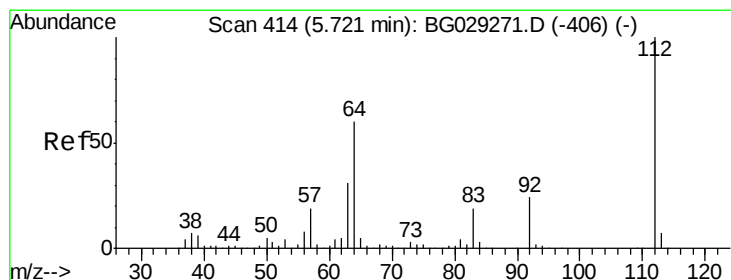
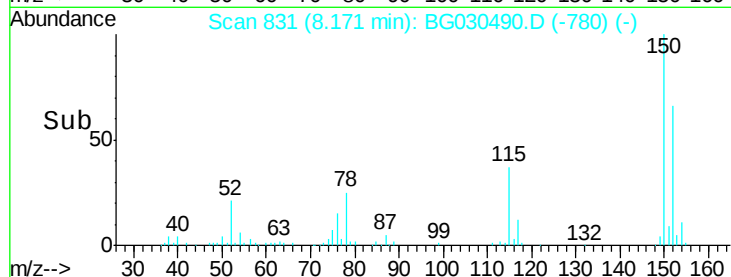
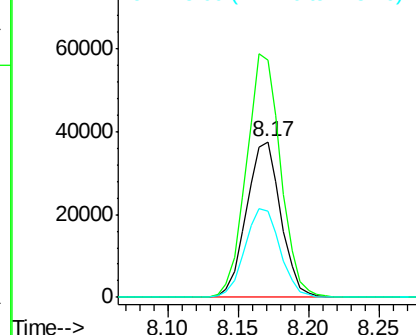
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BG030490.D
 Acq: 27 Oct 2017 10:10

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-COMP

Tgt Ion:152 Resp: 63946
 Ion Ratio Lower Upper
 152 100
 150 152.1 126.6 189.8
 115 55.8 53.0 79.4

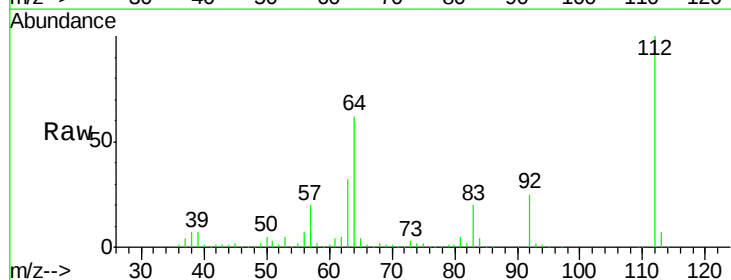


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

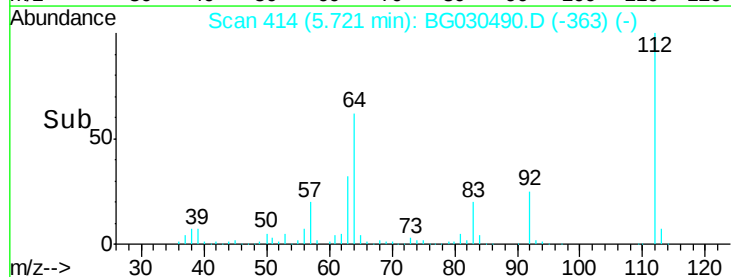
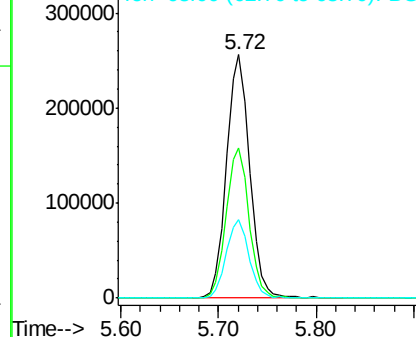


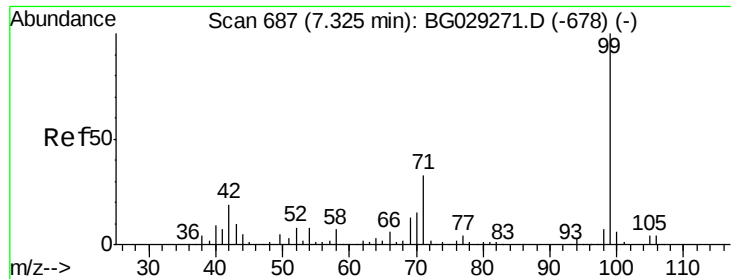
#5
 2-Fluorophenol
 Concen: 110.145 ng
 RT: 5.72 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BG030490.D
 Acq: 27 Oct 2017 10:10

Tgt Ion:112 Resp: 421615
 Ion Ratio Lower Upper
 112 100
 64 61.7 56.3 84.5
 63 32.3 30.1 45.1



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





#7

Phenol-d6

Concen: 107.464 ng

RT: 7.32 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG030490.D

Acq: 27 Oct 2017 10:10

Instrument :

BNA_G

ClientSampleId :

SB-13-COMP

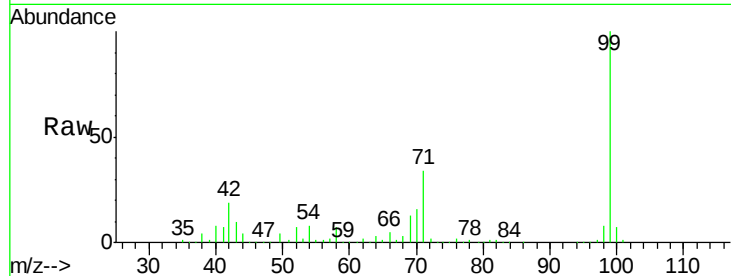
Tgt Ion: 99 Resp: 577398

Ion Ratio Lower Upper

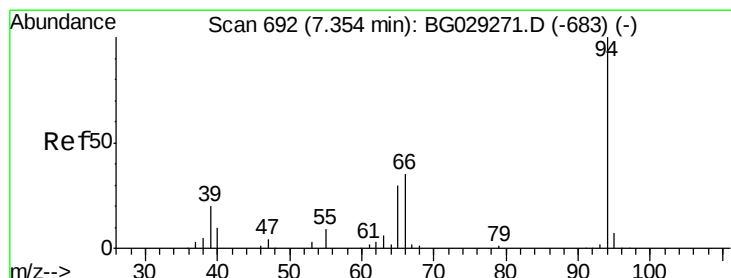
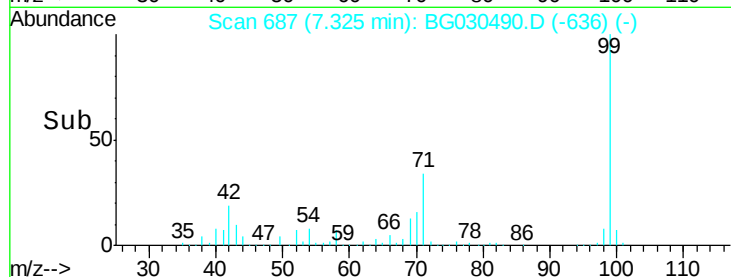
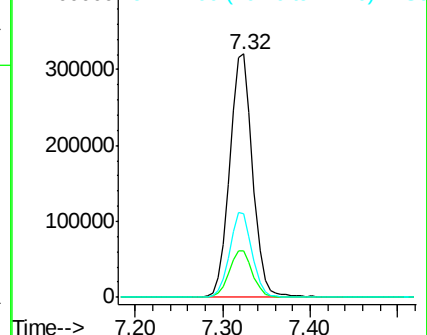
99 100

42 19.3 14.1 21.1

71 34.4 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.968 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG030490.D

Acq: 27 Oct 2017 10:10

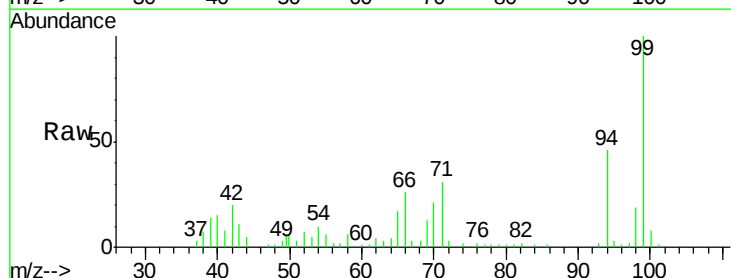
Tgt Ion: 94 Resp: 17192

Ion Ratio Lower Upper

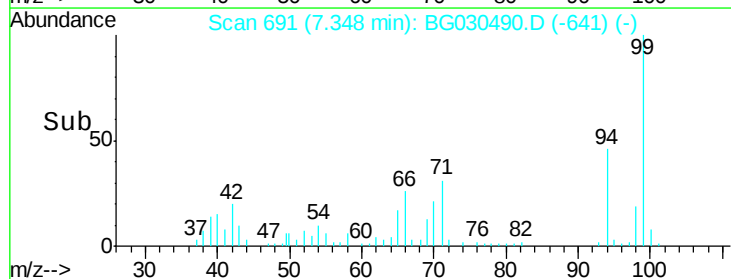
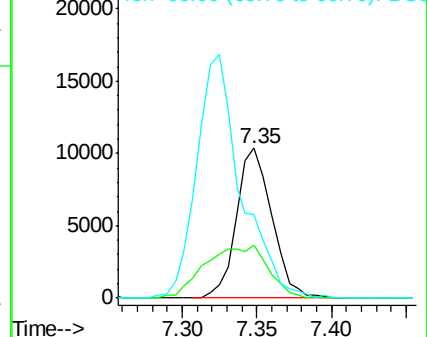
94 100

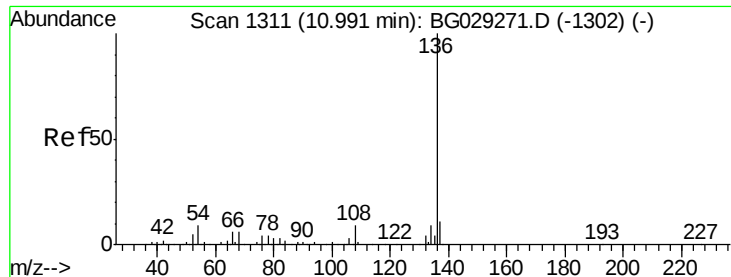
65 35.6 11.9 51.9

66 56.1 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG030490.D

Acq: 27 Oct 2017 10:10

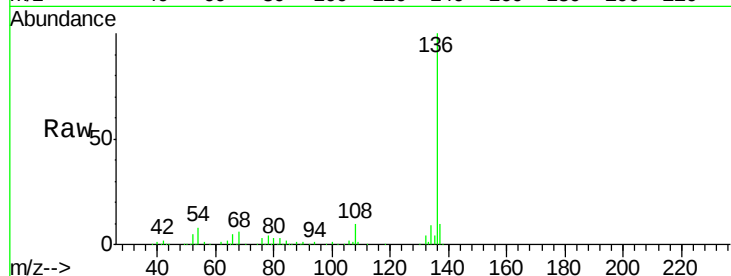
Instrument :

BNA_G

ClientSampleId :

SB-13-COMP

Tgt Ion:	136	Resp:	296799
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	8.5	10.3	15.5#
68	5.7	4.5	6.7

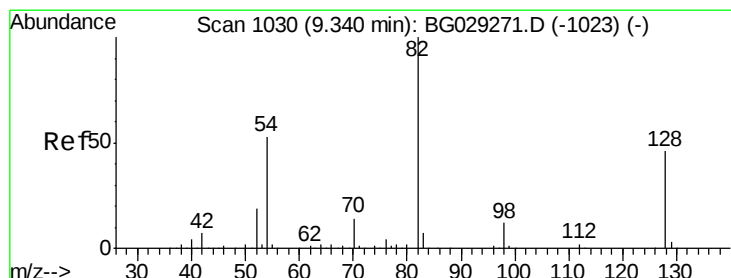
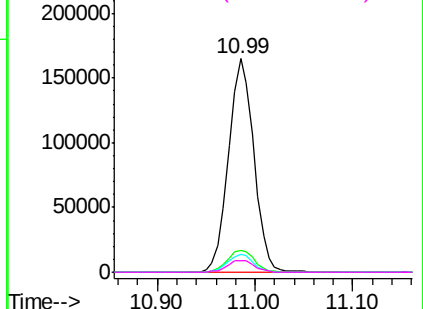
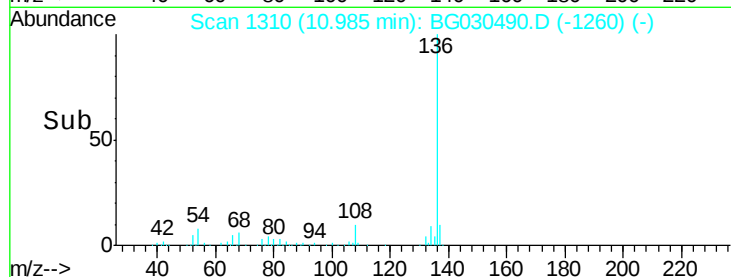


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.572 ng

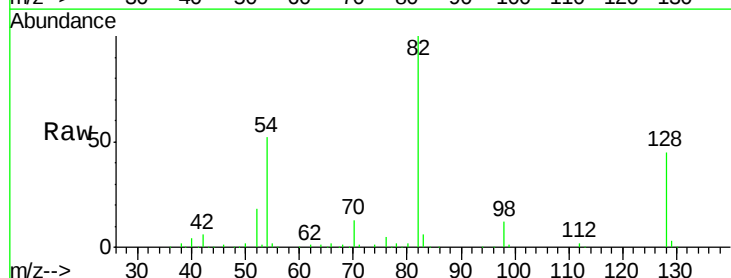
RT: 9.33 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG030490.D

Acq: 27 Oct 2017 10:10

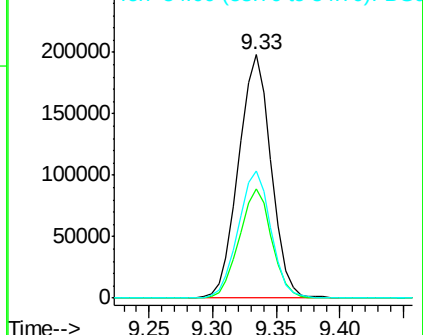
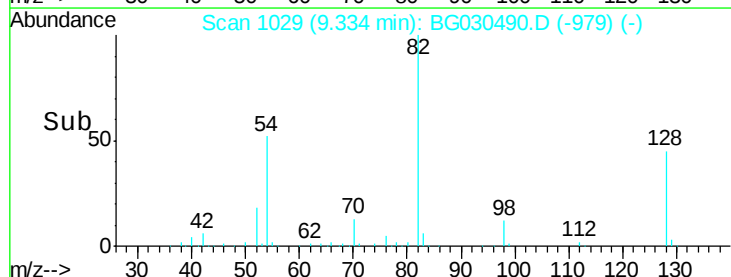
Tgt Ion:	82	Resp:	352961
Ion	Ratio	Lower	Upper
82	100		
128	44.7	29.7	44.5#
54	52.1	43.1	64.7

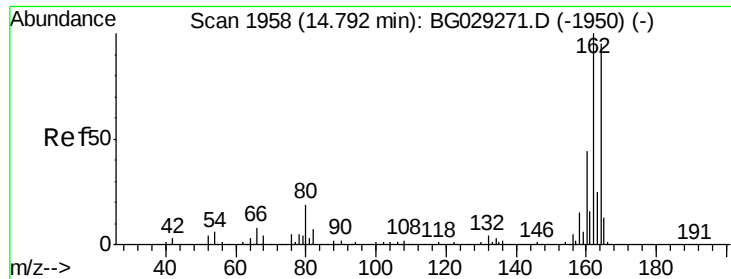


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG030490.D

Acq: 27 Oct 2017 10:10

Instrument :

BNA_G

ClientSampleId :

SB-13-COMP

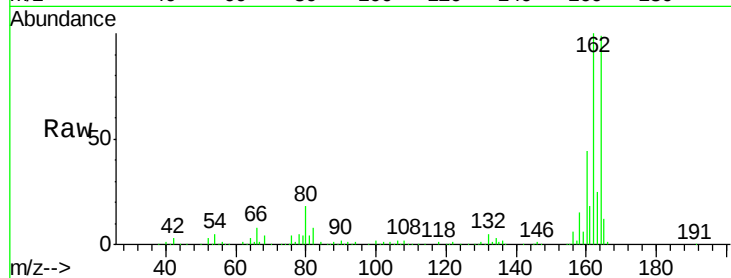
Tgt Ion:164 Resp: 191537

Ion Ratio Lower Upper

164 100

162 101.3 78.8 118.2

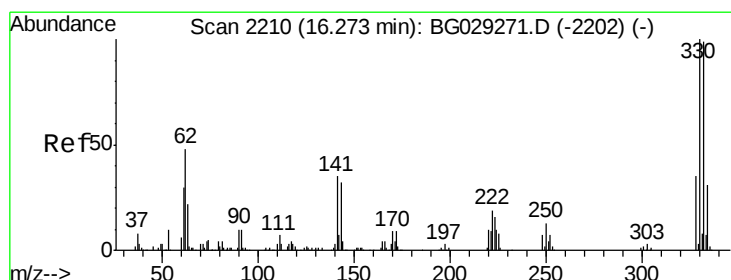
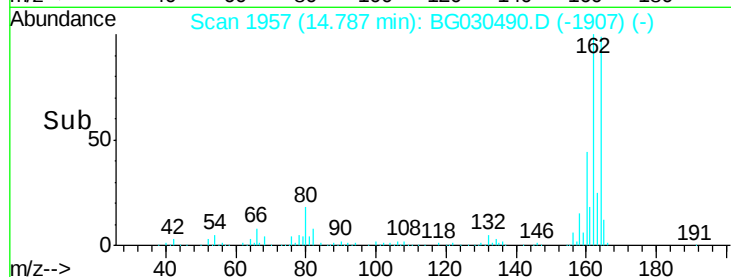
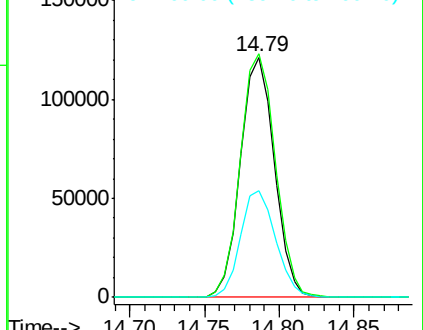
160 44.5 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 116.457 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG030490.D

Acq: 27 Oct 2017 10:10

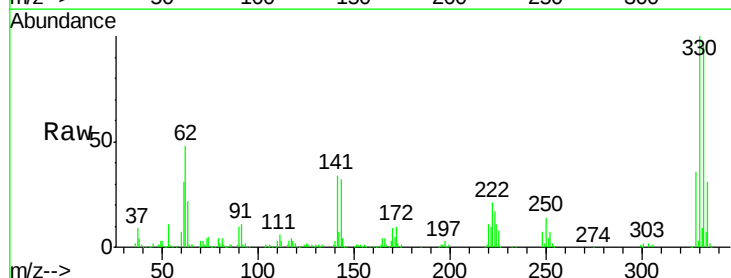
Tgt Ion:330 Resp: 287991

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

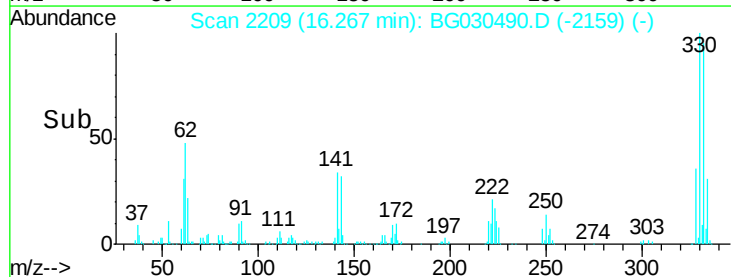
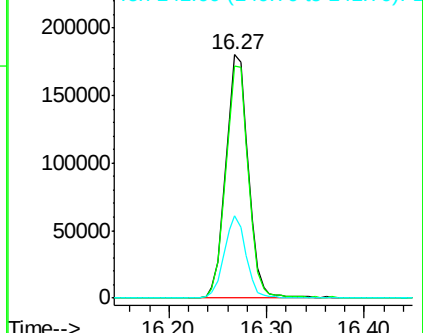
141 33.0 25.2 37.8

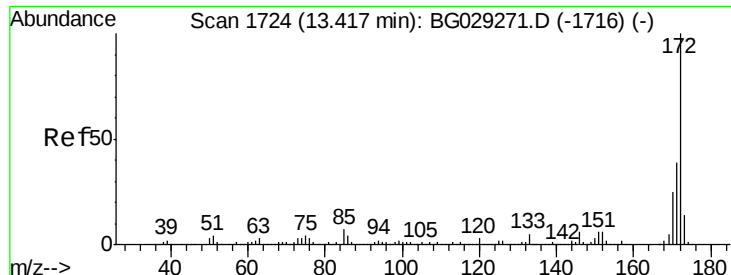


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

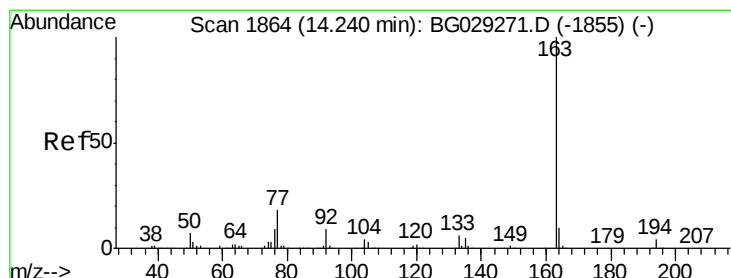
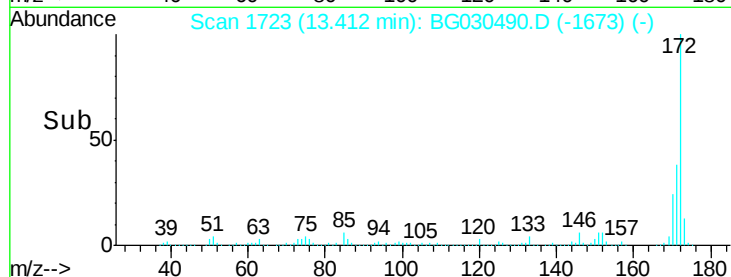
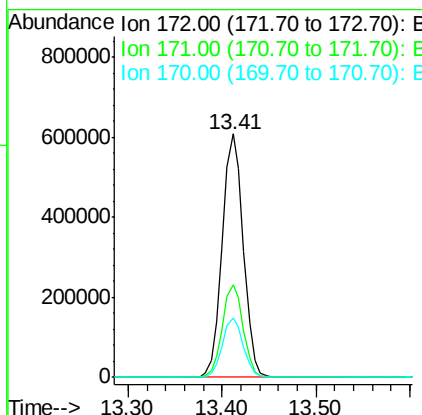
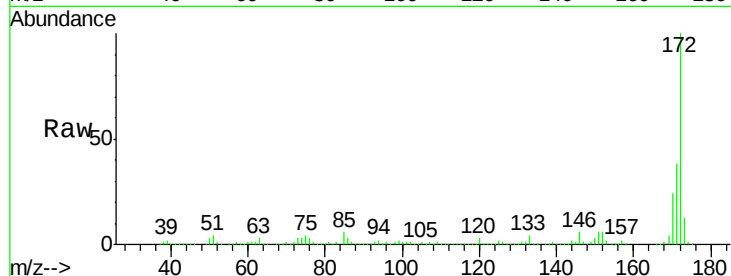




#44
2-Fluorobiphenyl
Concen: 72.641 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG030490.D
Acq: 27 Oct 2017 10:10

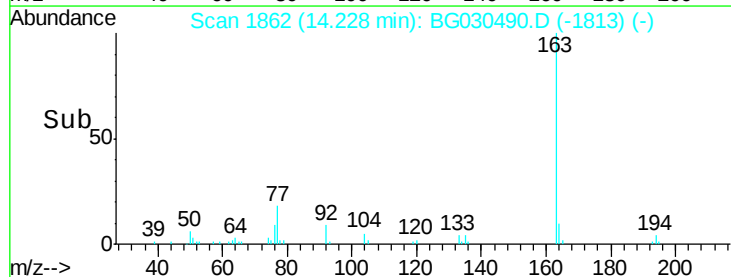
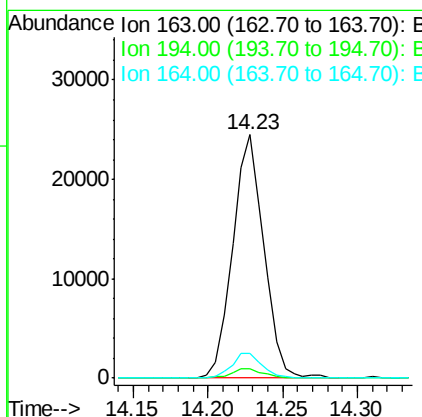
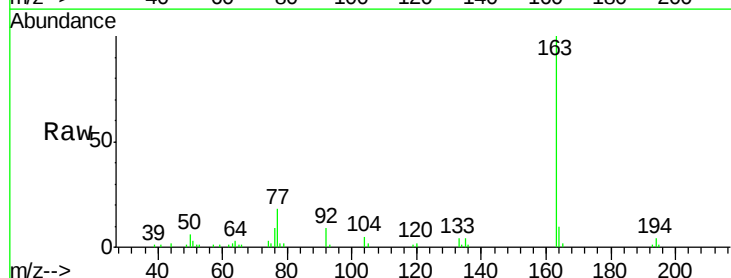
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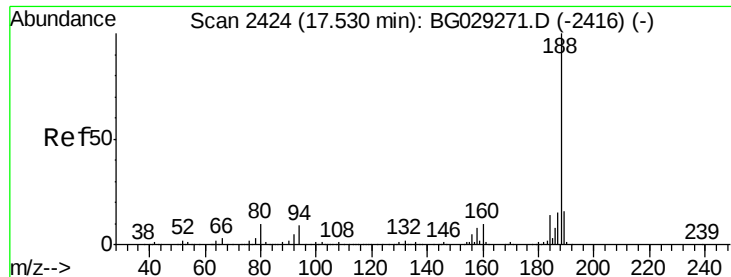
Tgt Ion:172 Resp: 948652
Ion Ratio Lower Upper
172 100
171 37.8 30.0 45.0
170 24.4 19.5 29.3



#49
Dimethylphthalate
Concen: 2.384 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG030490.D
Acq: 27 Oct 2017 10:10

Tgt Ion:163 Resp: 35622
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.2
164 9.9 8.2 12.4

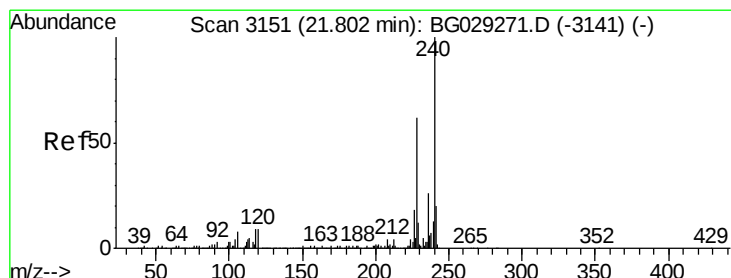
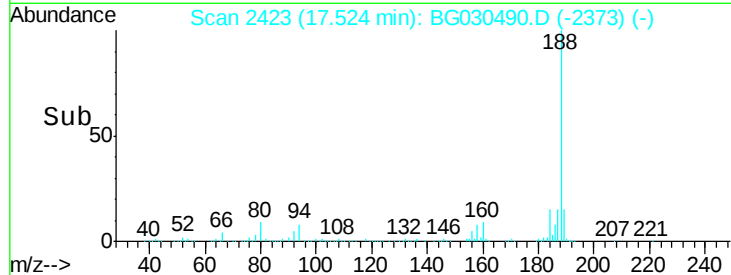
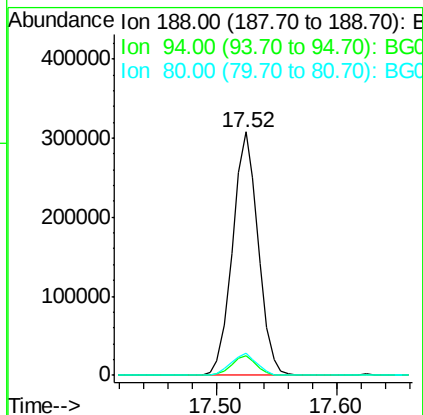
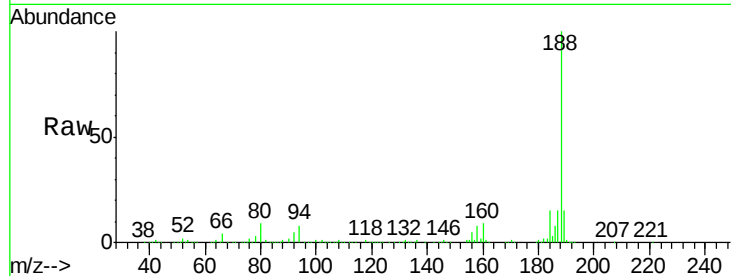




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG030490.D
Acq: 27 Oct 2017 10:10

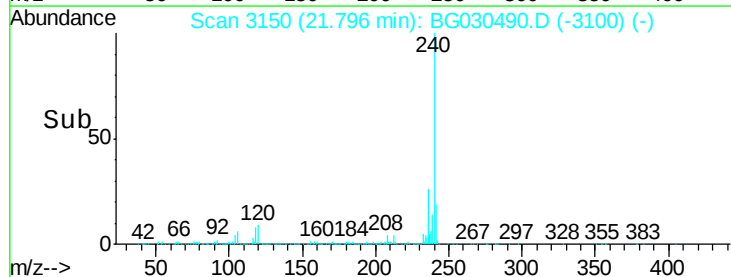
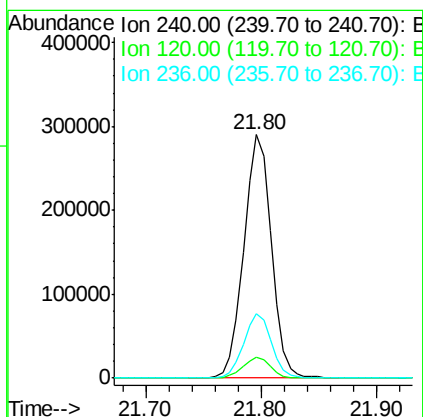
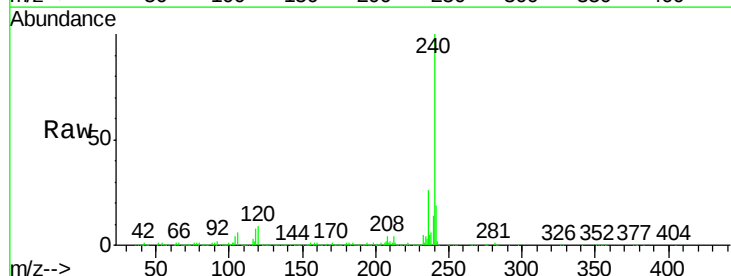
Instrument :
BNA_G
ClientSampleId :
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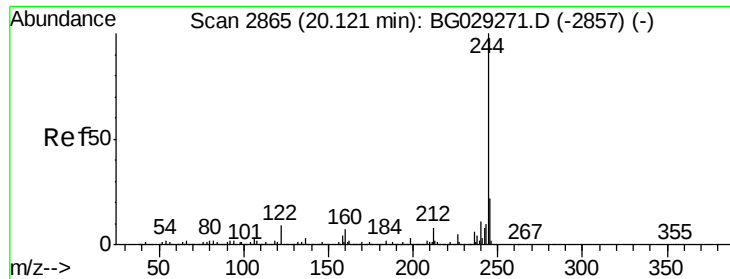
Tgt Ion:188 Resp: 453806
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG030490.D
Acq: 27 Oct 2017 10:10

Tgt Ion:240 Resp: 481169
Ion Ratio Lower Upper
240 100
120 8.7 6.8 10.2
236 26.4 20.9 31.3

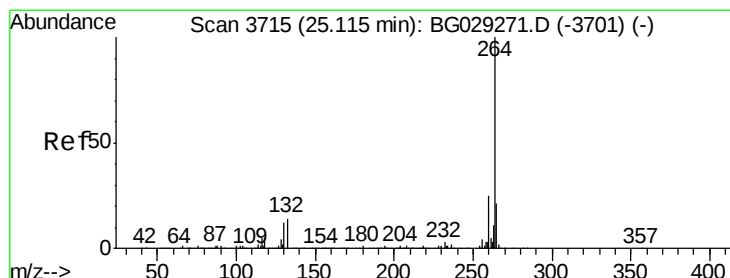
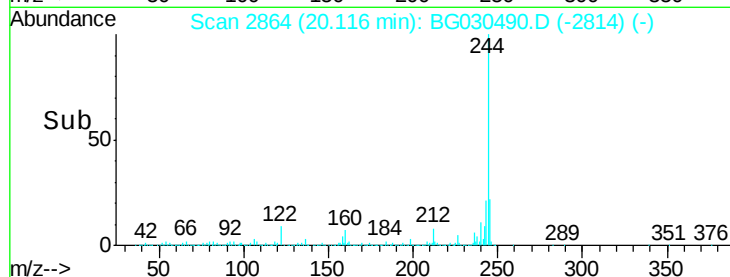
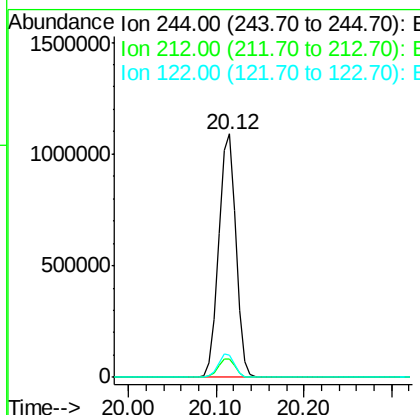
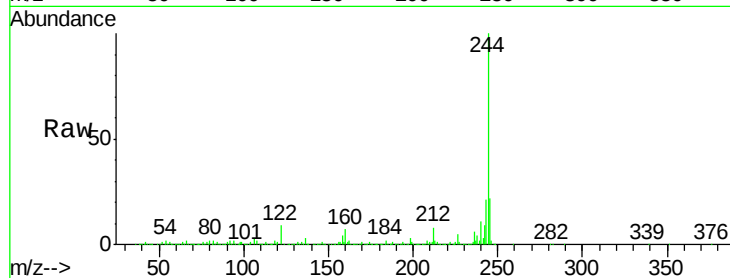




#78
 Terphenyl-d14
 Concen: 70.727 ng
 RT: 20.12 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BG030490.D
 Acq: 27 Oct 2017 10:10

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-COMP

Tgt Ion:244 Resp: 1495951
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 9.1 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.01 min
 Lab File: BG030490.D
 Acq: 27 Oct 2017 10:10

Tgt Ion:264 Resp: 484933
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.4 26.0
 265 21.6 17.7 26.5

