

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
 Data File : BG033095.D
 Acq On : 12 Mar 2018 18:41
 Operator : SJ/JU
 Sample : J1868-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 030818-TIDO-F-D-S

Quant Time: Mar 13 03:57:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

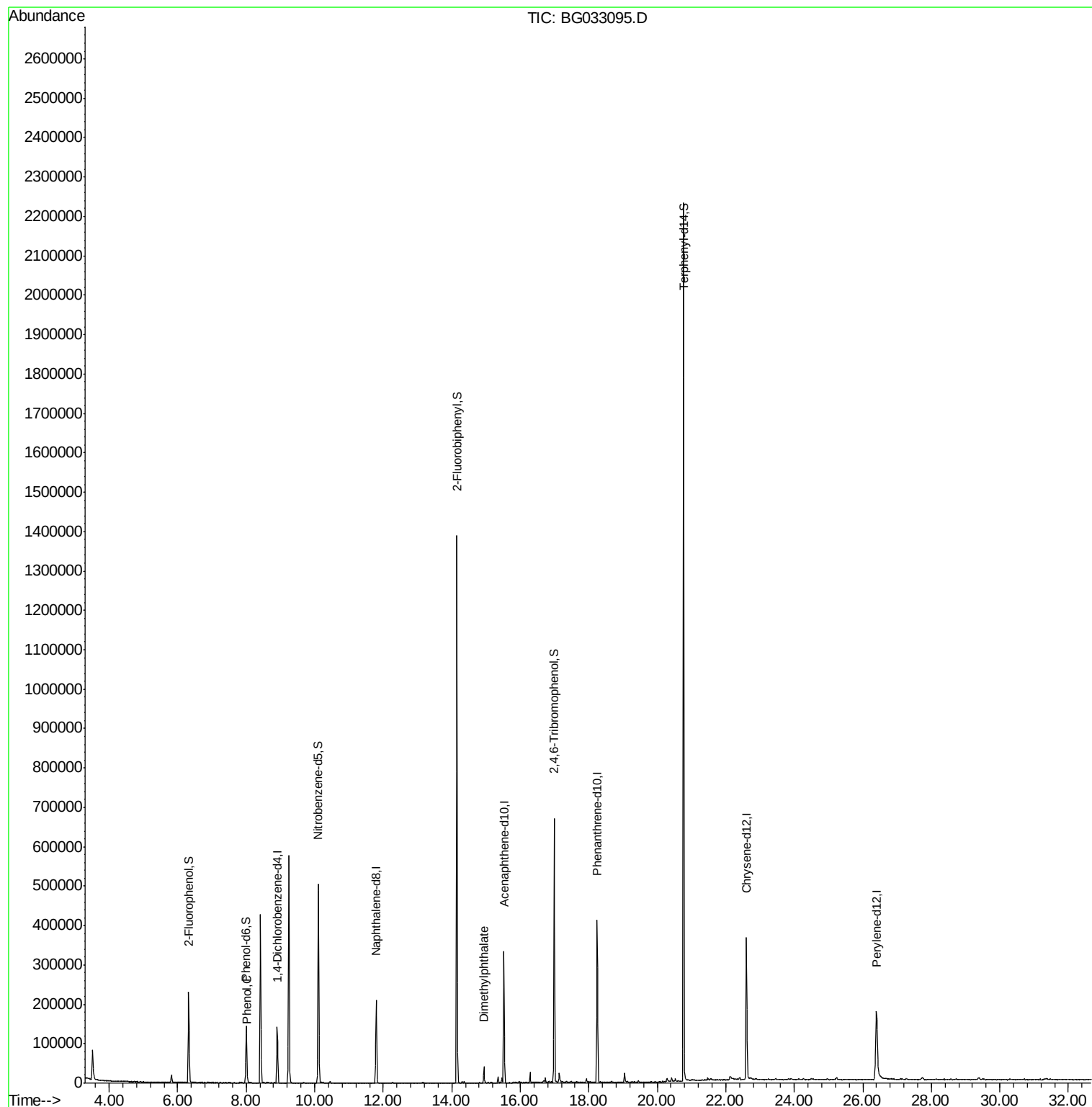
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	40726	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	187625	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	110093	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	258153	20.00	ng	0.00
75) Chrysene-d12	22.60	240	245700	20.00	ng	0.00
86) Perylene-d12	26.40	264	246674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	104515	41.06	ng	0.00
7) Phenol-d6	8.00	99	86053	24.25	ng	0.00
23) Nitrobenzene-d5	10.11	82	315822	113.10	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	119988	103.65	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	694463	90.98	ng	0.00
78) Terphenyl-d14	20.77	244	1042514	95.33	ng	0.00
Target Compounds						
10) Phenol	8.03	94	8025	2.244	ng	93
49) Dimethylphthalate	14.94	163	24730	2.646	ng	98

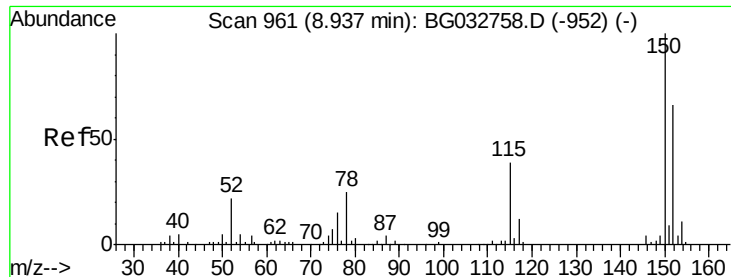
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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030818-TIDO-F-D-S

Quant Time: Mar 13 03:57:35 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration



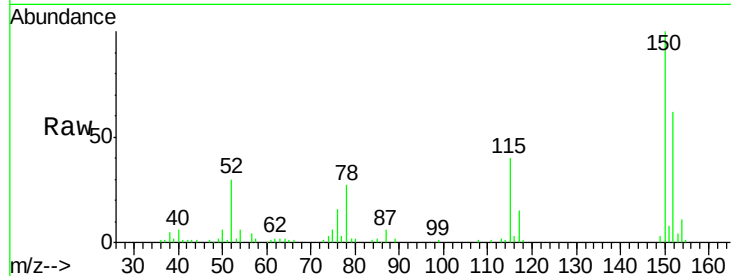


#1

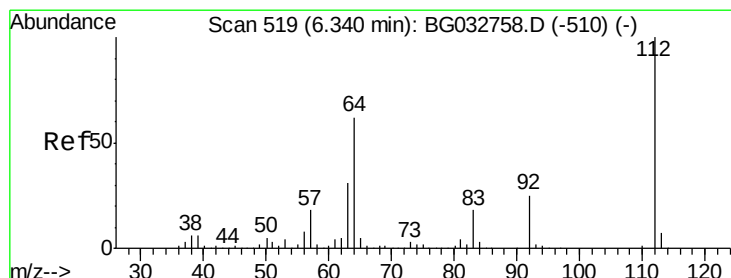
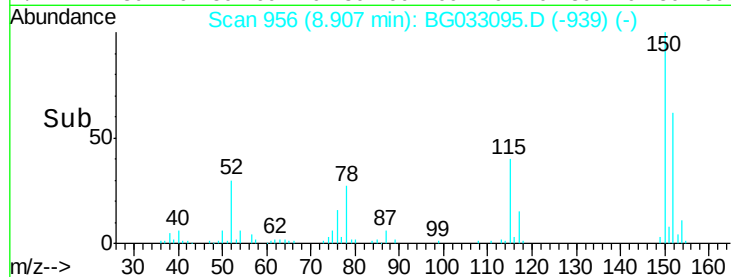
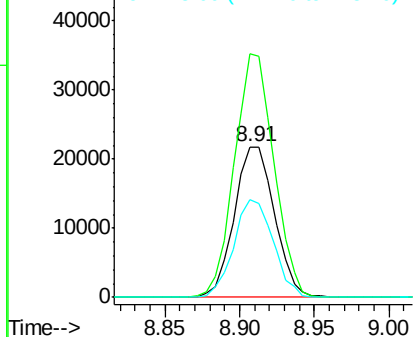
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.91 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BG033095.D
 Acq: 12 Mar 2018 18:41

Instrument :
 BNA_G
 ClientSampleId :
 030818-TIDO-F-D-S

Tot Ion:152 Resp: 40726
 Ion Ratio Lower Upper
 152 100
 150 161.9 126.6 189.8
 115 65.1 53.0 79.4



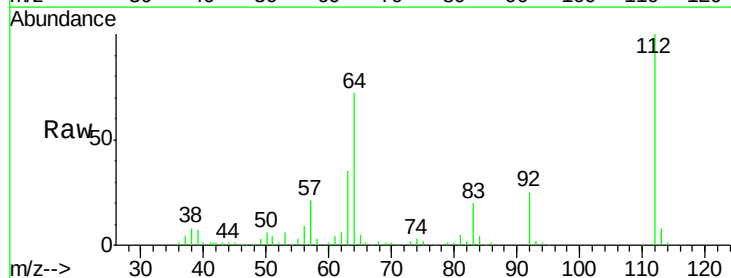
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



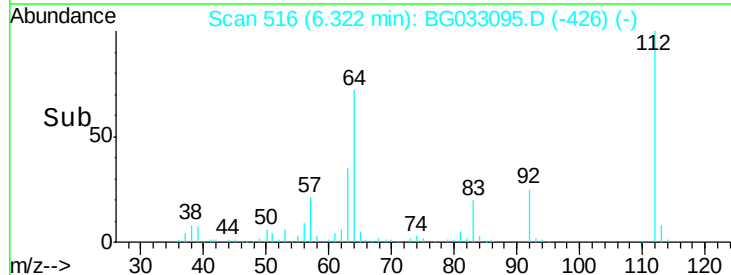
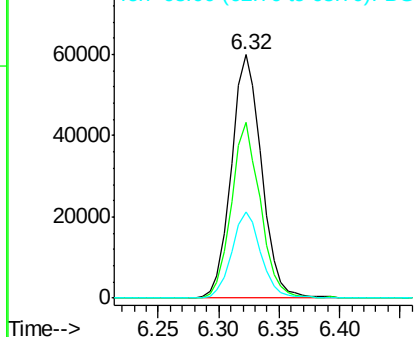
#5

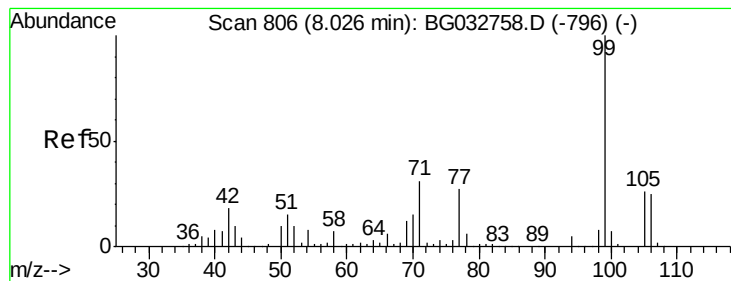
2-Fluorophenol
 Concen: 41.057 ng
 RT: 6.32 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BG033095.D
 Acq: 12 Mar 2018 18:41

Tgt Ion:112 Resp: 104515
 Ion Ratio Lower Upper
 112 100
 64 72.1 56.3 84.5
 63 35.5 30.1 45.1



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





#7

Phenol-d6

Concen: 24.252 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.00 min

Lab File: BG033095.D

Acq: 12 Mar 2018 18:41

Instrument :

BNA_G

ClientSampleId :

030818-TIDO-F-D-S

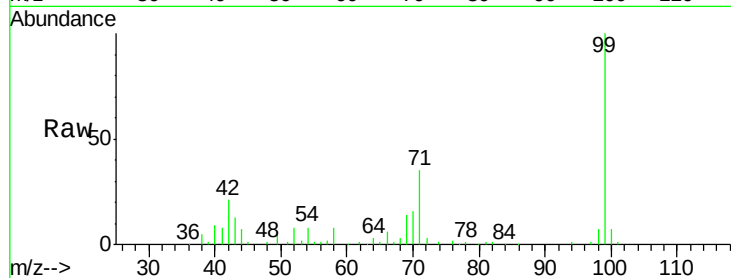
Tot Ion: 99 Resp: 86053

Ion Ratio Lower Upper

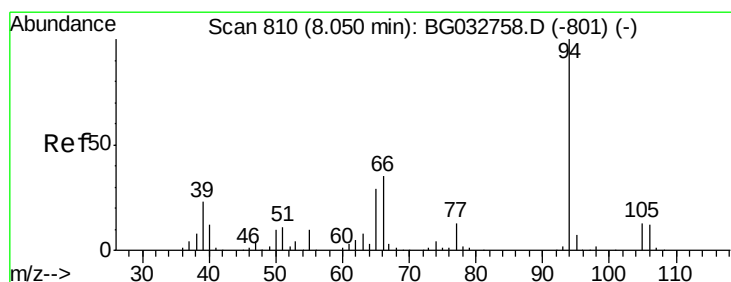
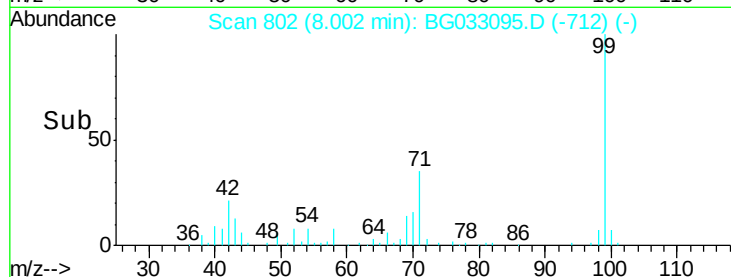
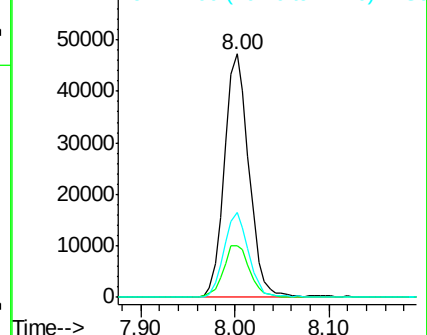
99 100

42 21.1 14.1 21.1

71 34.7 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: 2.244 ng

RT: 8.03 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG033095.D

Acq: 12 Mar 2018 18:41

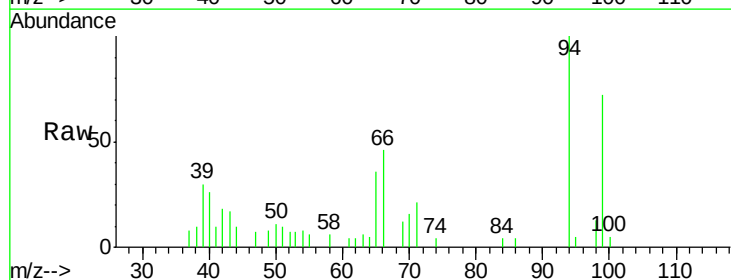
Tgt Ion: 94 Resp: 8025

Ion Ratio Lower Upper

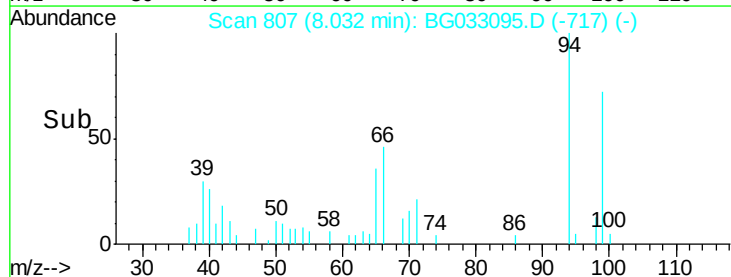
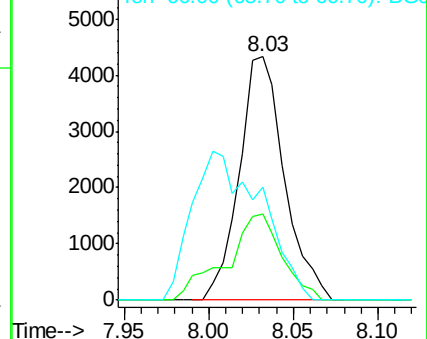
94 100

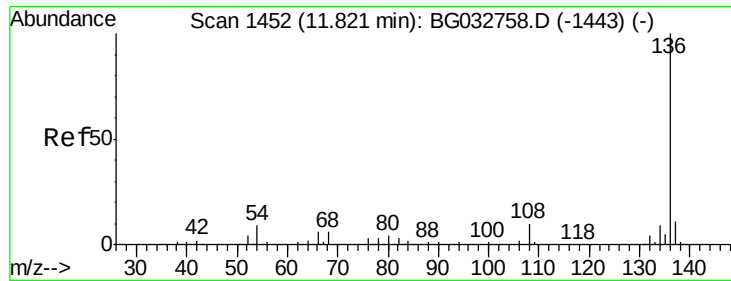
65 35.6 11.9 51.9

66 46.5 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

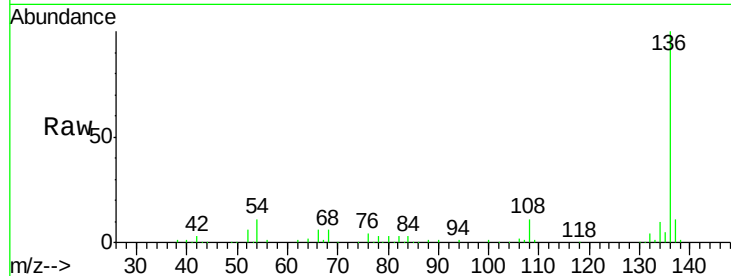




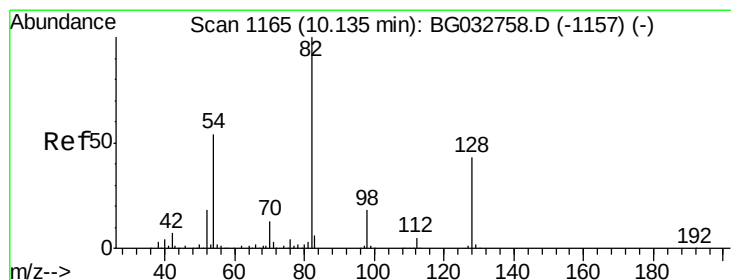
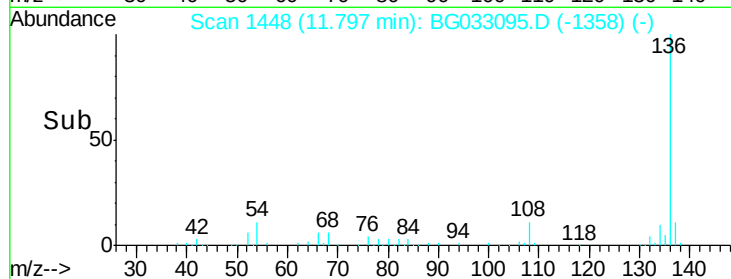
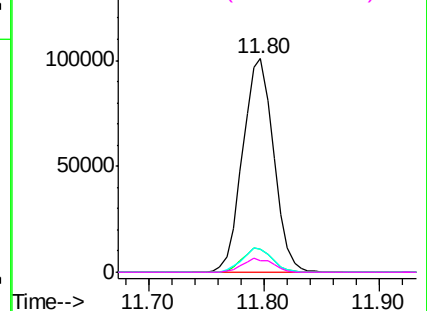
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Instrument :
BNA_G
ClientSampleId :
030818-TIDO-F-D-S

Tot Ion:136	Resp:	187625
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	11.0	10.3 15.5
68	5.5	4.5 6.7

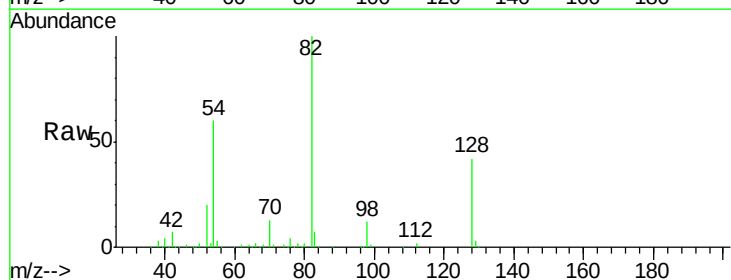


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

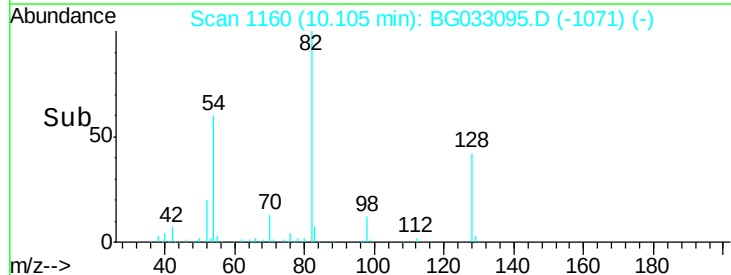
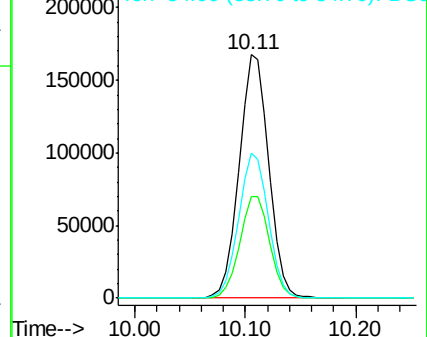


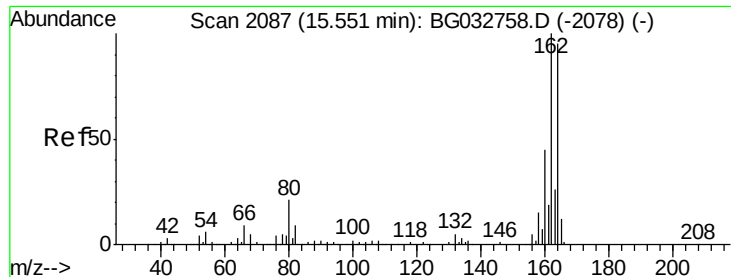
#23
Nitrobenzene-d5
Concen: 113.101 ng
RT: 10.11 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Tgt Ion: 82	Resp:	315822
Ion Ratio	Lower	Upper
82	100	
128	41.7	29.7 44.5
54	59.8	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BG033095.D

Acq: 12 Mar 2018 18:41

Instrument :

BNA_G

ClientSampleId :

030818-TIDO-F-D-S

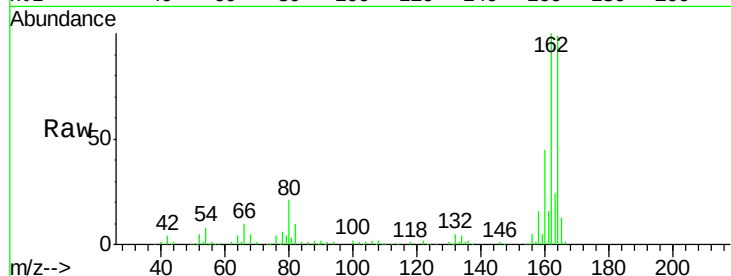
Tot Ion:164 Resp: 110093

Ion Ratio Lower Upper

164 100

162 100.7 78.8 118.2

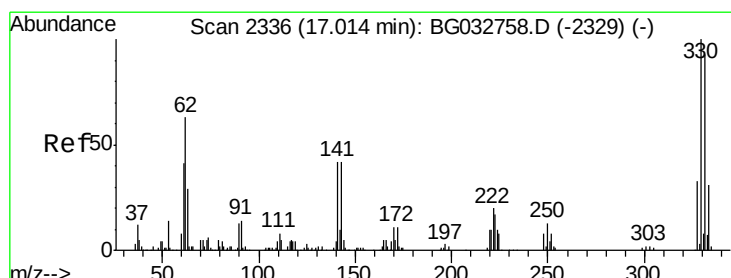
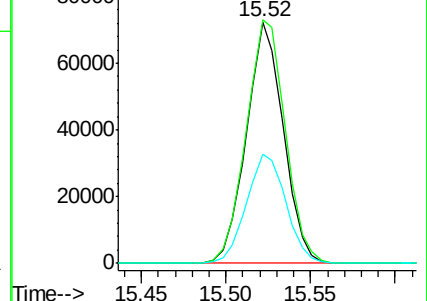
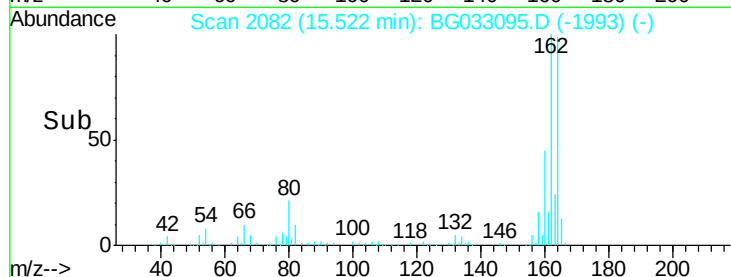
160 45.2 35.4 53.0



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: 103.653 ng

RT: 17.00 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BG033095.D

Acq: 12 Mar 2018 18:41

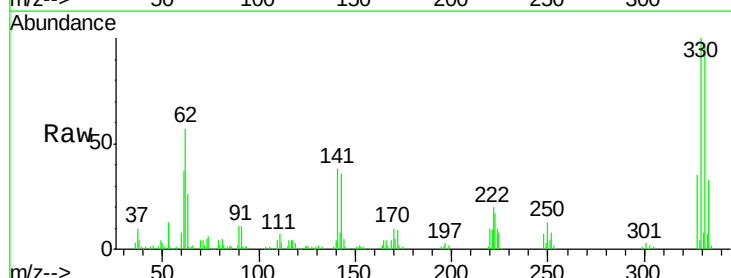
Tgt Ion:330 Resp: 119988

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

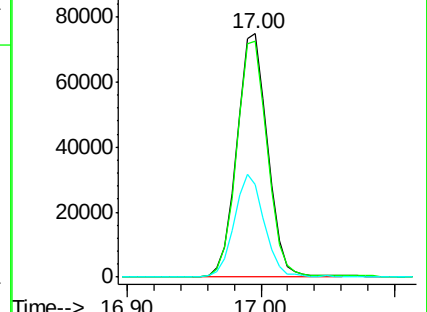
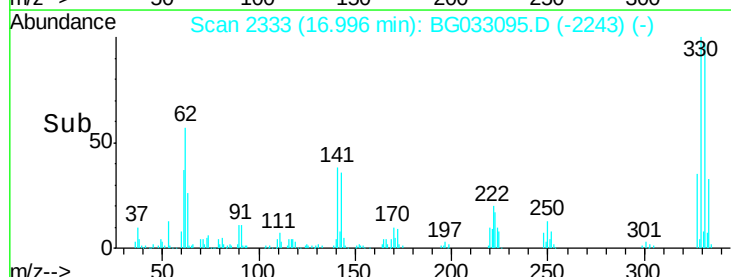
141 41.6 25.2 37.8#

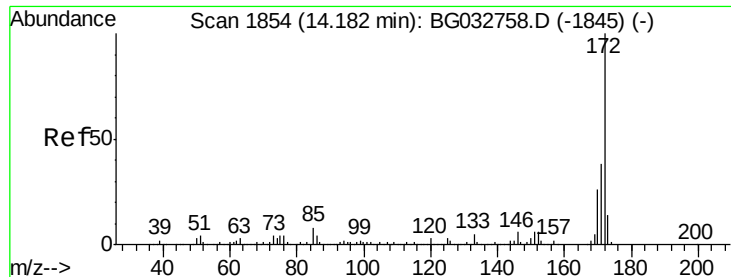


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

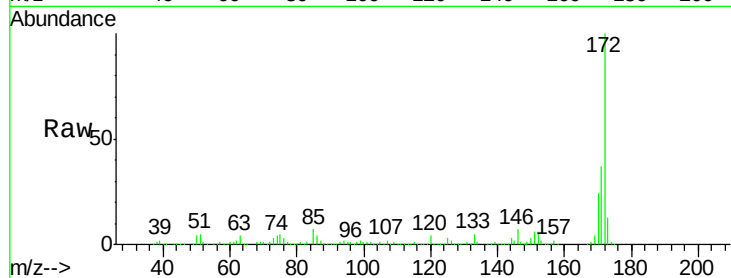




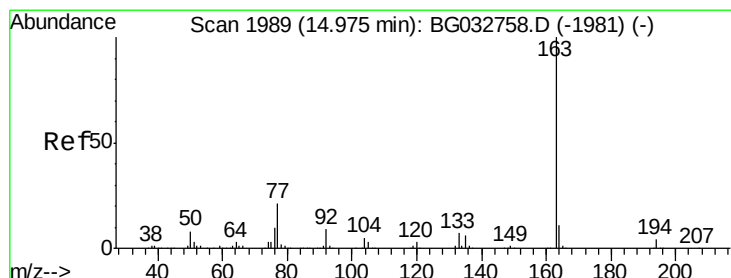
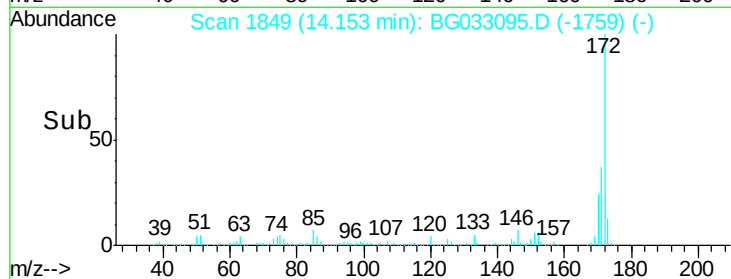
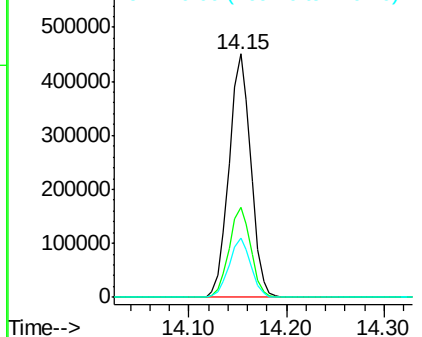
#44
 2-Fluorobiphenyl
 Concen: 90.977 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033095.D
 Acq: 12 Mar 2018 18:41

Instrument :
 BNA_G
 ClientSampleId :
 030818-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.2	19.5	29.3

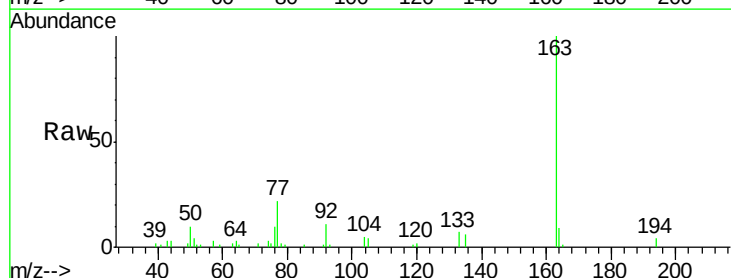


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

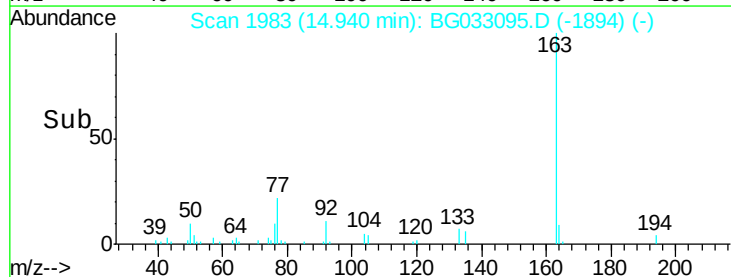
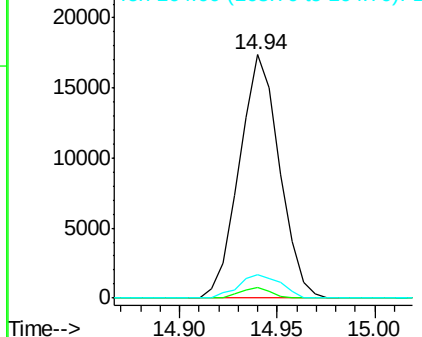


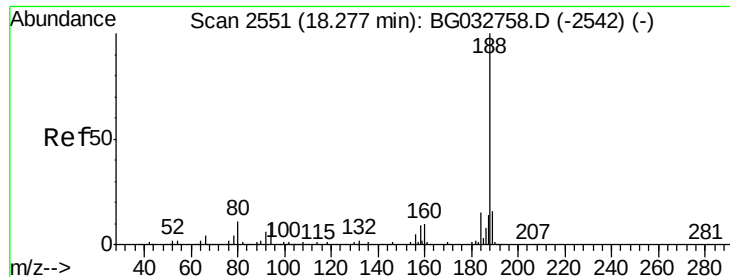
#49
 Dimethylphthalate
 Concen: 2.646 ng
 RT: 14.94 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BG033095.D
 Acq: 12 Mar 2018 18:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.4	8.2	12.4



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.25 min Scan# 2546

Delta R.T. -0.01 min

Lab File: BG033095.D

Acq: 12 Mar 2018 18:41

Instrument :

BNA_G

ClientSampleId :

030818-TIDO-F-D-S

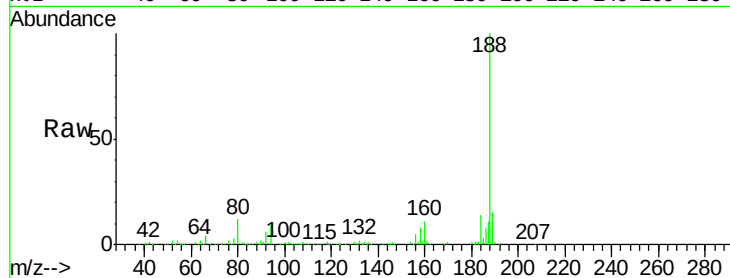
Tot Ion:188 Resp: 258153

Ion Ratio Lower Upper

188 100

94 9.4 6.9 10.3

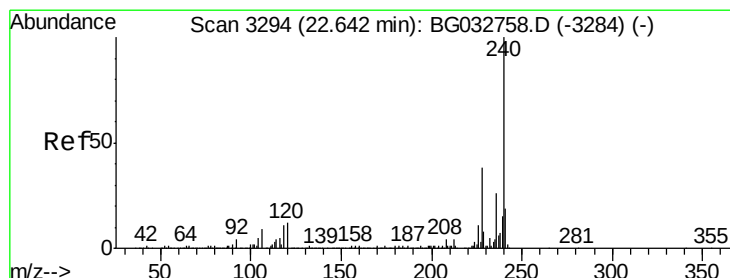
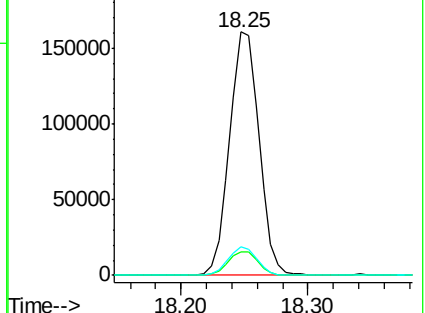
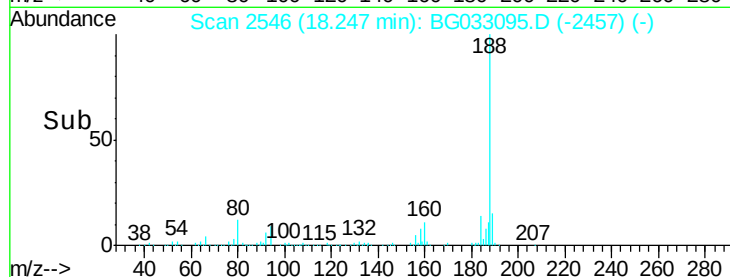
80 11.5 7.7 11.5



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: 22.60 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BG033095.D

Acq: 12 Mar 2018 18:41

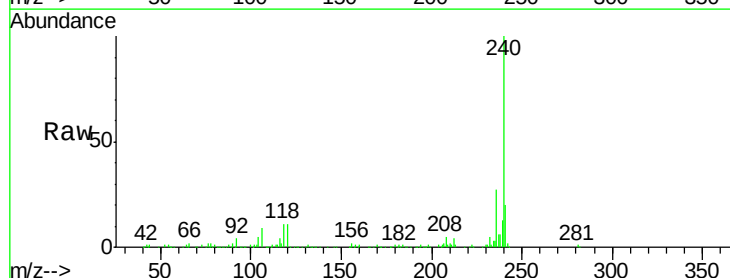
Tgt Ion:240 Resp: 245700

Ion Ratio Lower Upper

240 100

120 11.5 6.8 10.2#

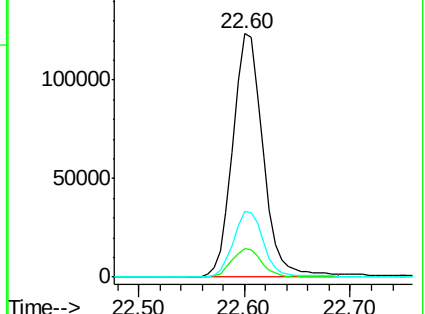
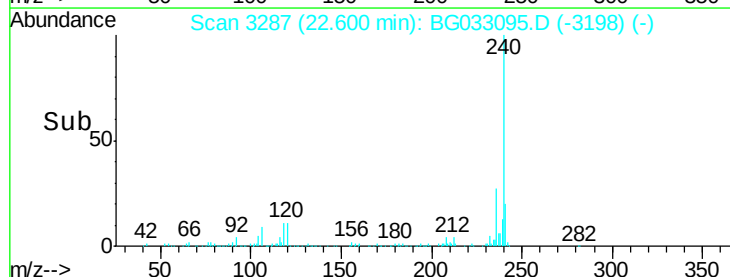
236 26.9 20.9 31.3

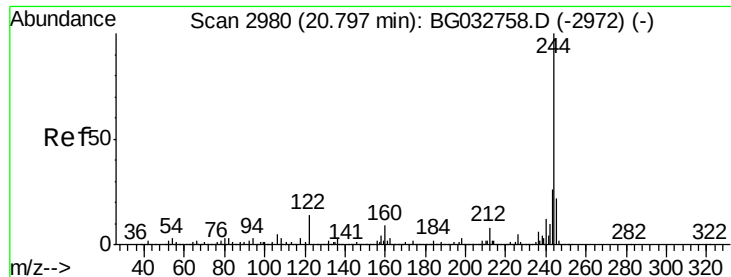


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.330 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG033095.D

Acq: 12 Mar 2018 18:41

Instrument :

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030818-TIDO-F-D-S

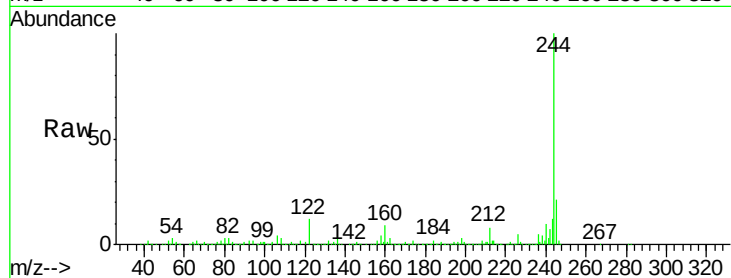
Tot Ion:244 Resp: 1042514

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

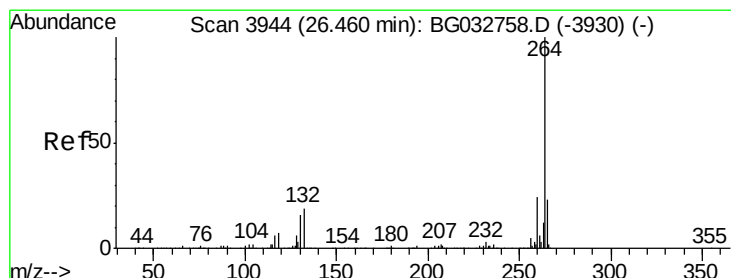
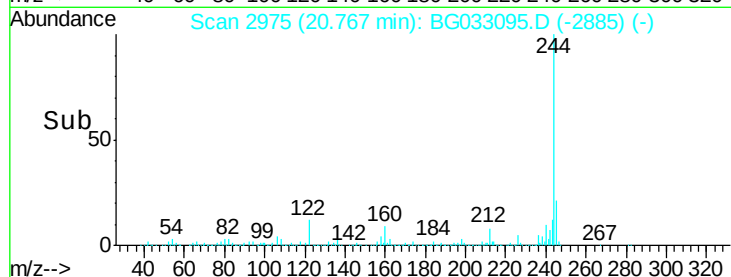
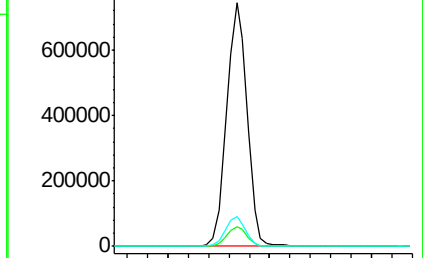
122 12.1 7.0 10.4#



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: 26.40 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BG033095.D

Acq: 12 Mar 2018 18:41

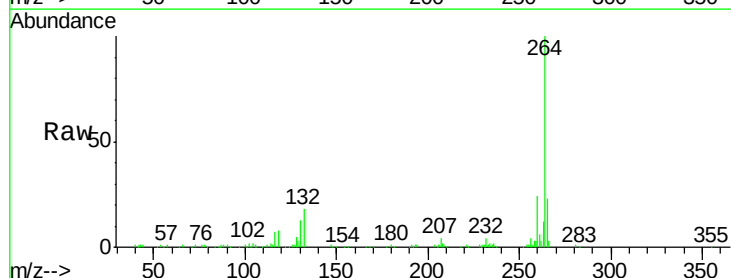
Tgt Ion:264 Resp: 246674

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 22.8 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

