

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033172.D
 Acq On : 15 Mar 2018 8:53
 Operator : SJ/JU
 Sample : J1911-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5A-COMP

Quant Time: Mar 15 10:50:49 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

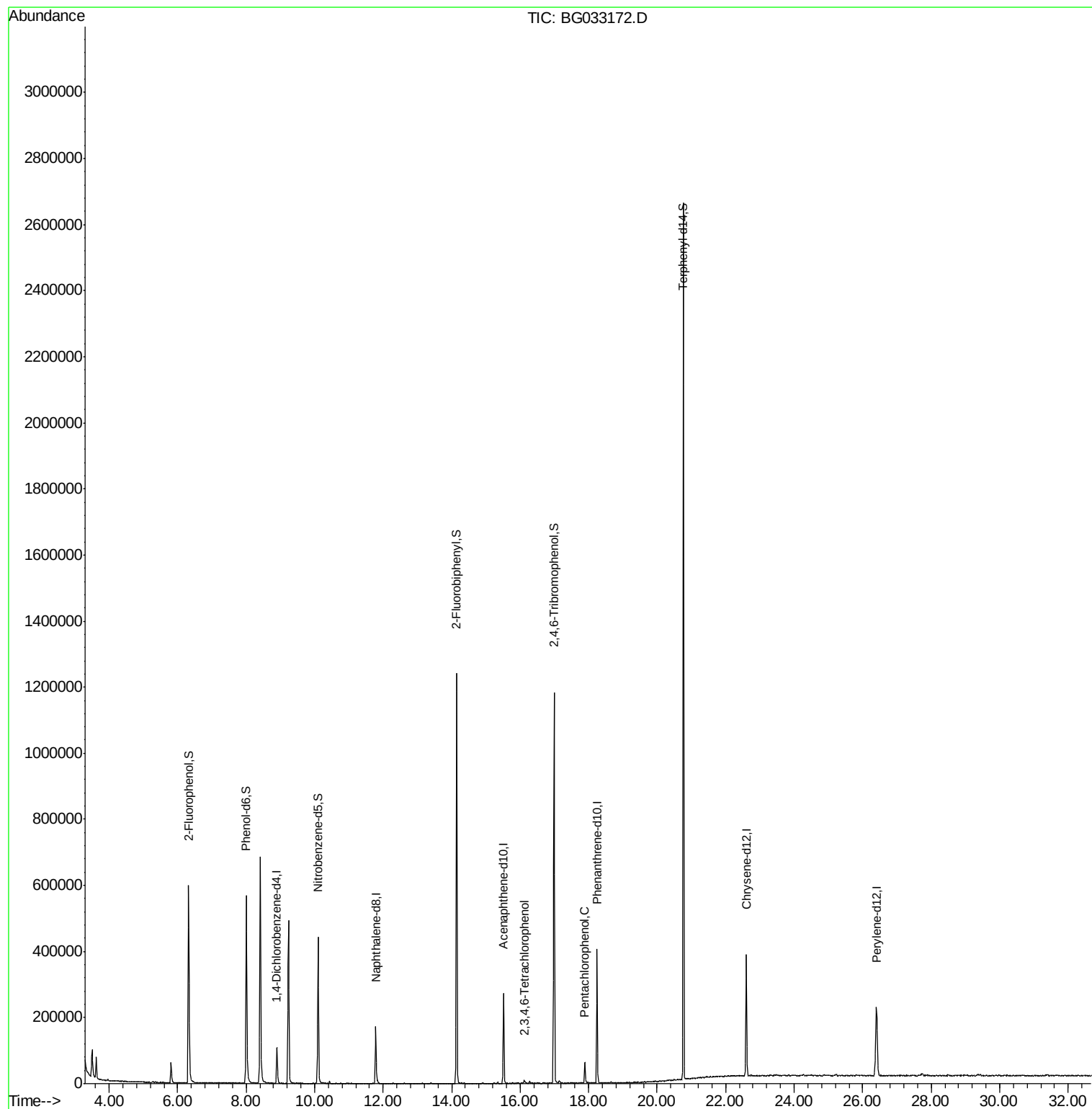
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	36011	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	161698	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	97804	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	254200	20.00	ng	0.00
75) Chrysene-d12	22.60	240	245746	20.00	ng	0.00
86) Perylene-d12	26.41	264	256483	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	315251	140.06	ng	0.00
7) Phenol-d6	8.00	99	381718	121.67	ng	0.00
23) Nitrobenzene-d5	10.10	82	293422	121.15	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	236220	229.70	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	657744	96.99	ng	0.00
78) Terphenyl-d14	20.77	244	1232594	112.69	ng	0.00
Target Compounds						
58) 2,3,4,6-Tetrachlorophenol	16.13	232	4205	2.556	ng	Qvalue # 87
69) Pentachlorophenol	17.88	266	14483	7.916	ng	90

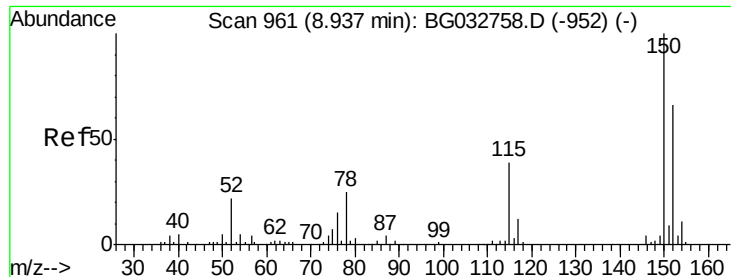
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



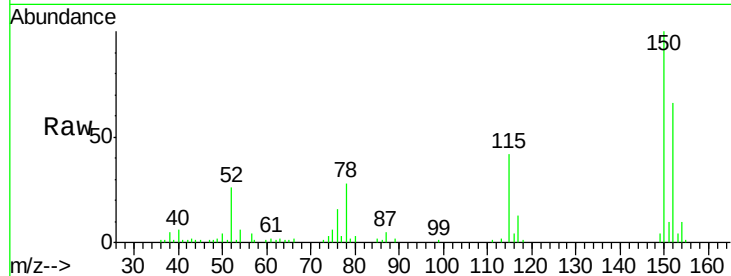


#1

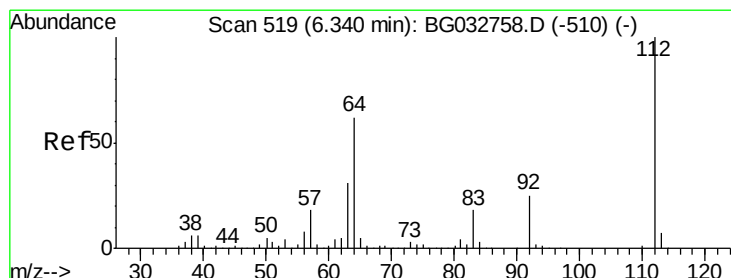
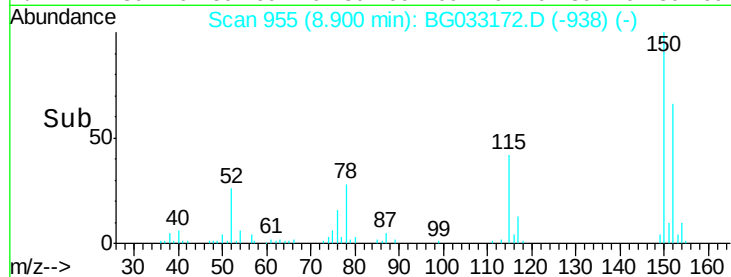
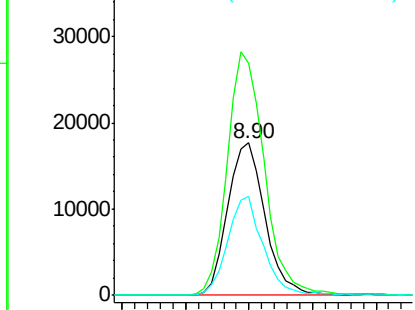
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.90 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BG033172.D
 Acq: 15 Mar 2018 8:53

Instrument :
 BNA_G
 ClientSampleId :
 TP-5A-COMP

Tot Ion:152 Resp: 36011
 Ion Ratio Lower Upper
 152 100
 150 152.1 126.6 189.8
 115 64.6 53.0 79.4



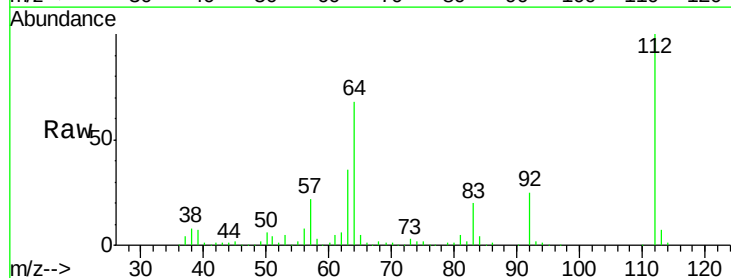
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



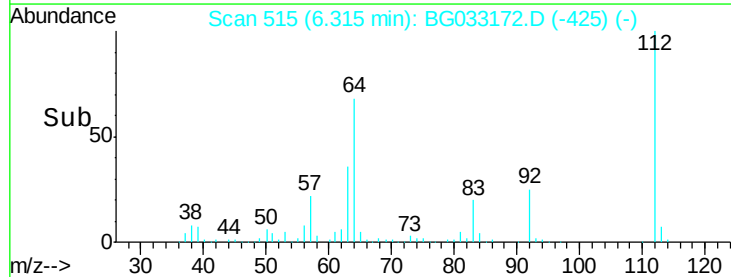
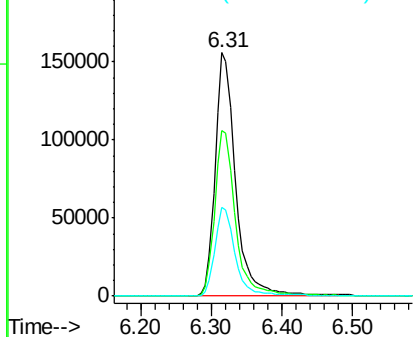
#5

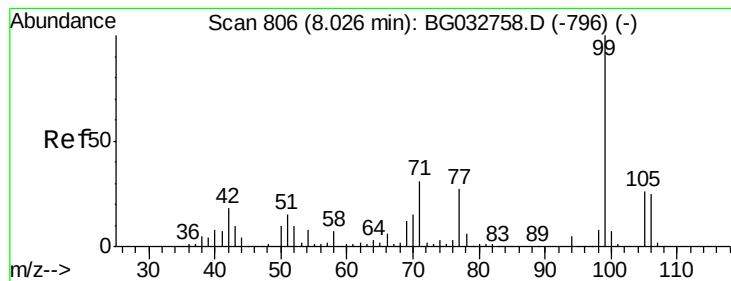
2-Fluorophenol
 Concen: 140.056 ng
 RT: 6.31 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BG033172.D
 Acq: 15 Mar 2018 8:53

Tgt Ion:112 Resp: 315251
 Ion Ratio Lower Upper
 112 100
 64 67.8 56.3 84.5
 63 36.3 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: 121.666 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033172.D

Acq: 15 Mar 2018 8:53

Instrument :

BNA_G

ClientSampleId :

TP-5A-COMP

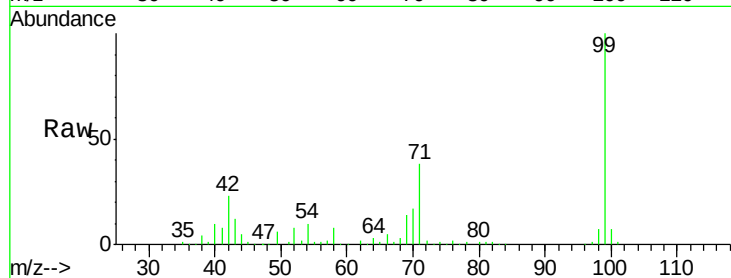
Tot Ion: 99 Resp: 381718

Ion Ratio Lower Upper

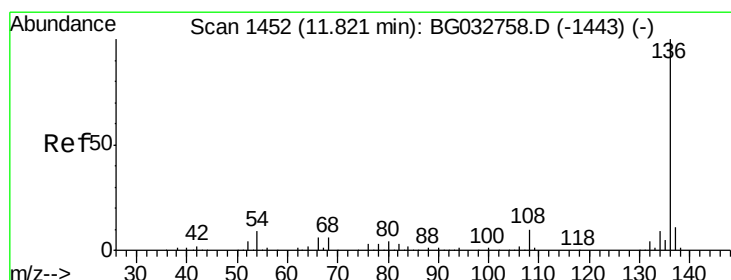
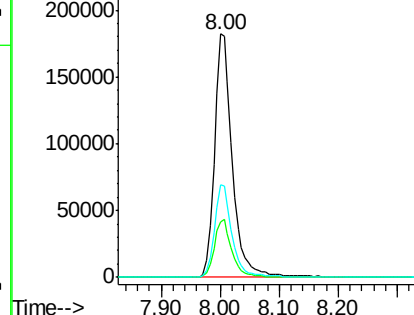
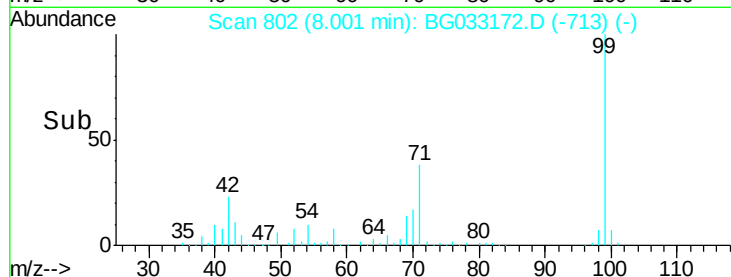
99 100

42 22.9 14.1 21.1#

71 38.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG033172.D

Acq: 15 Mar 2018 8:53

Tgt Ion: 136 Resp: 161698

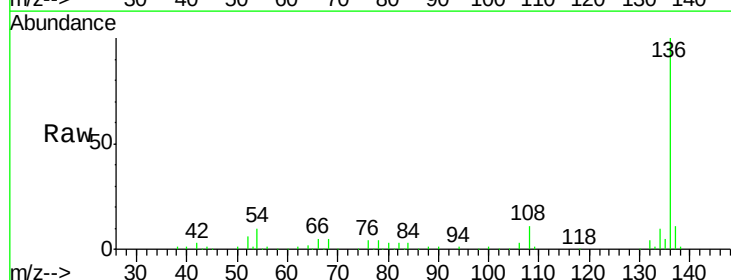
Ion Ratio Lower Upper

136 100

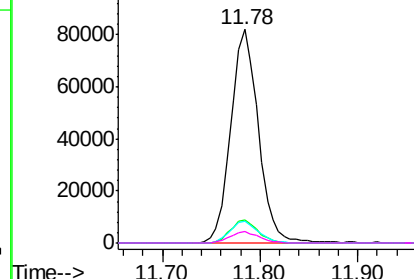
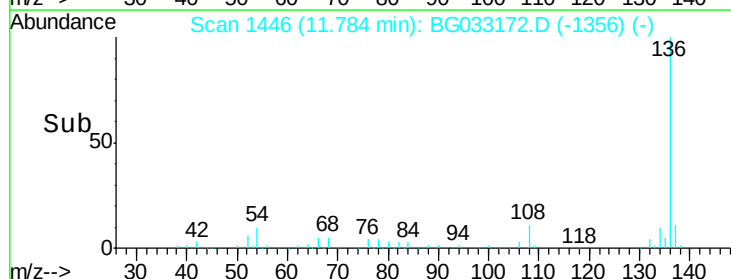
137 10.6 9.2 13.8

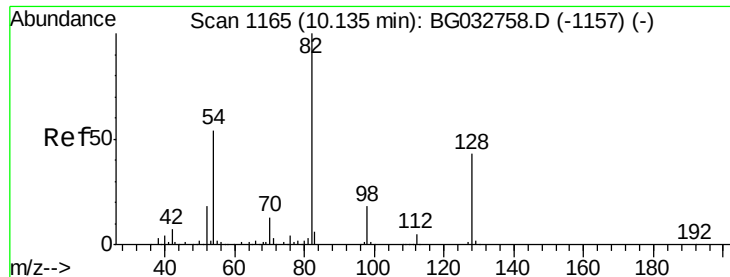
54 10.2 10.3 15.5#

68 5.3 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: 121.154 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033172.D

Acq: 15 Mar 2018 8:53

Instrument :

BNA_G

ClientSampleId :

TP-5A-COMP

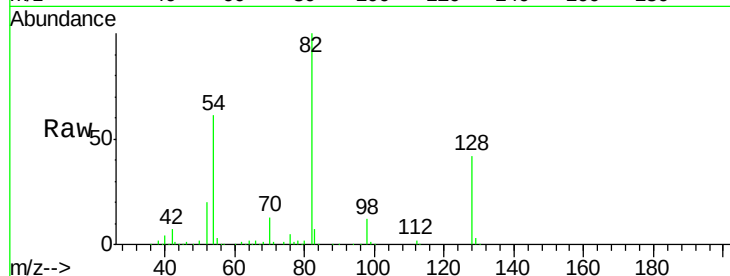
Tot Ion: 82 Resp: 293422

Ion Ratio Lower Upper

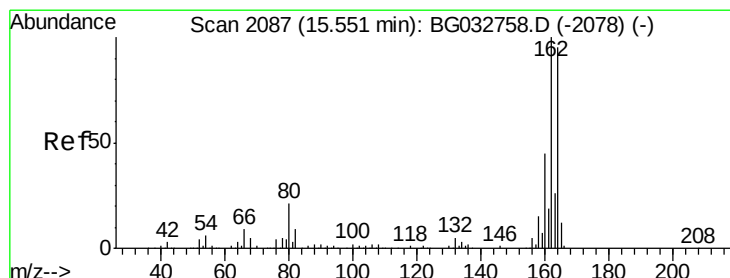
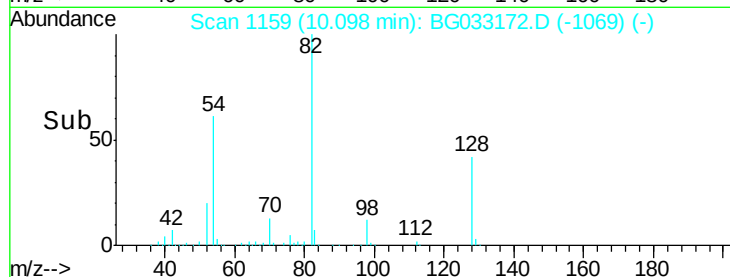
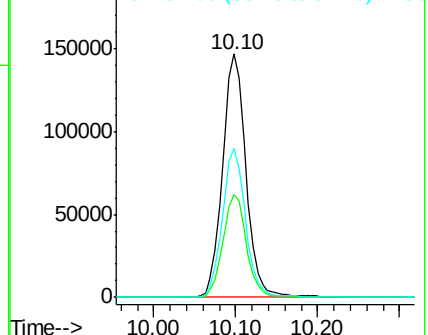
82 100

128 42.3 29.7 44.5

54 61.0 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: 15.51 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG033172.D

Acq: 15 Mar 2018 8:53

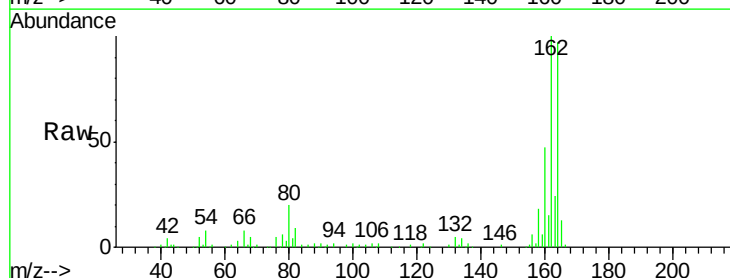
Tgt Ion:164 Resp: 97804

Ion Ratio Lower Upper

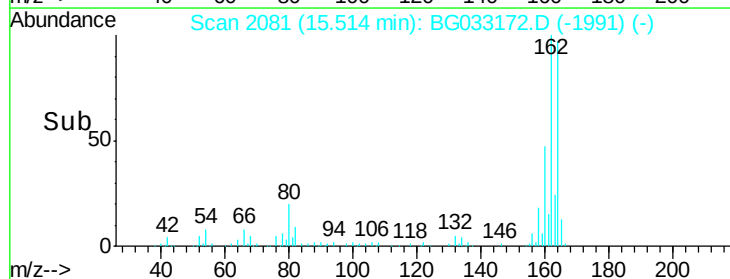
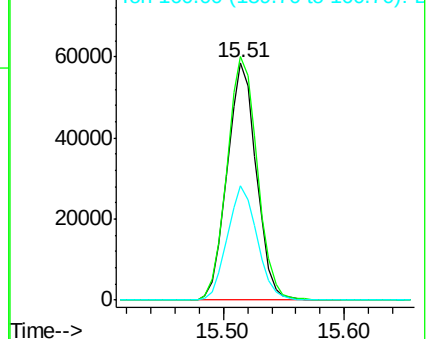
164 100

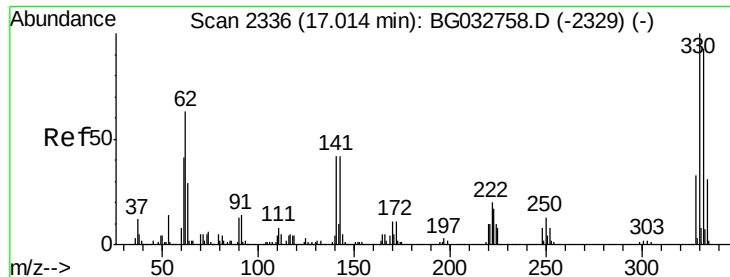
162 102.6 78.8 118.2

160 48.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

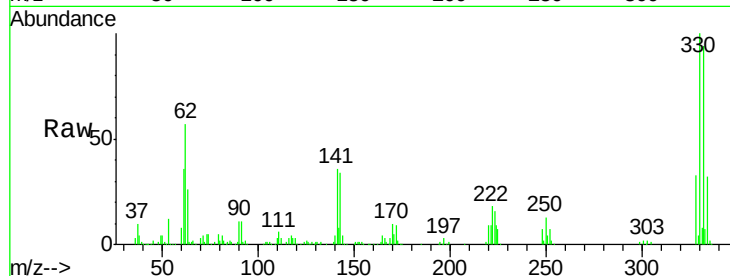




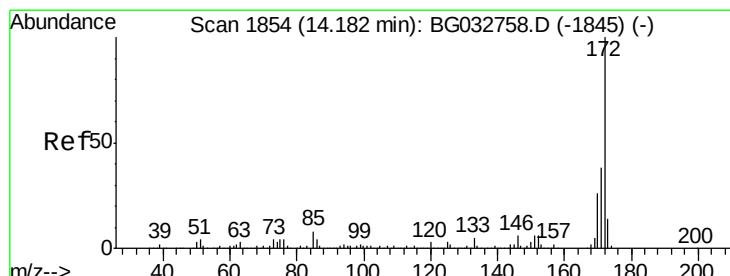
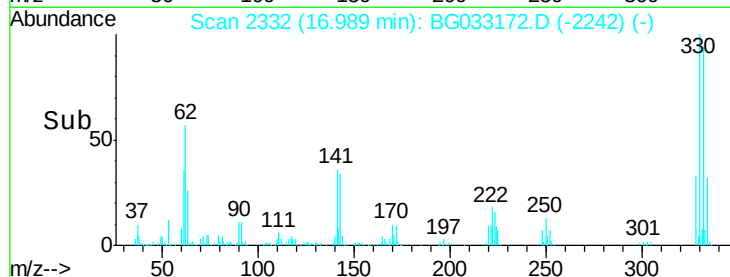
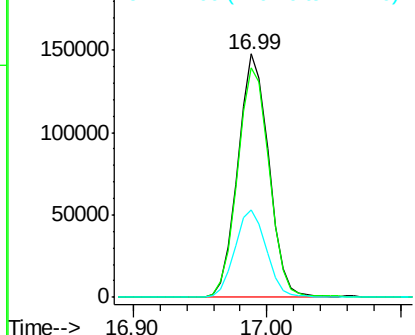
#41
 2,4,6-Tribromophenol
 Concen: 229.702 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BG033172.D
 Acq: 15 Mar 2018 8:53

Instrument :
 BNA_G
 ClientSampleId :
 TP-5A-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	36.8	25.2	37.8

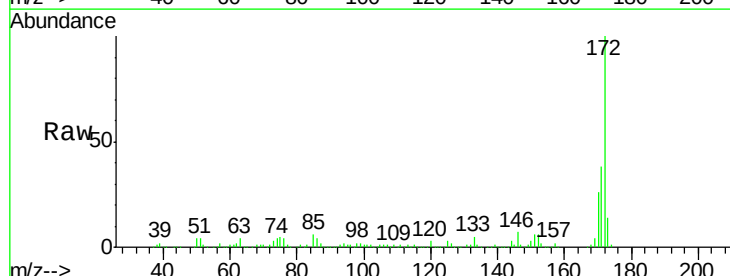


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

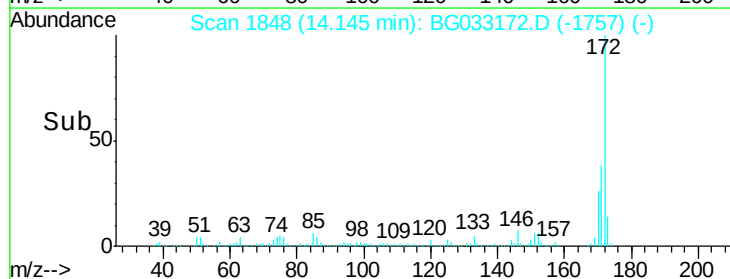
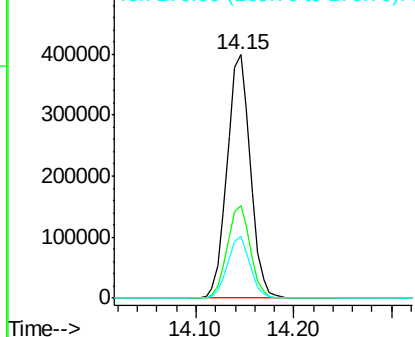


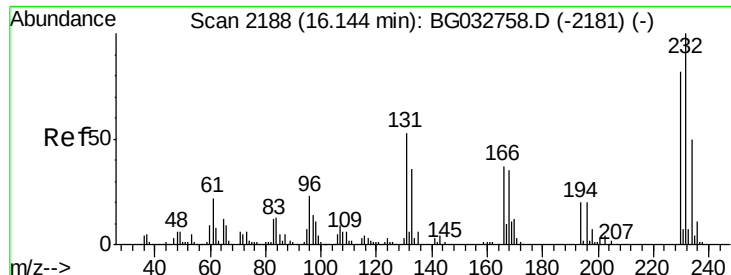
#44
 2-Fluorobiphenyl
 Concen: 96.993 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033172.D
 Acq: 15 Mar 2018 8:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	25.6	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

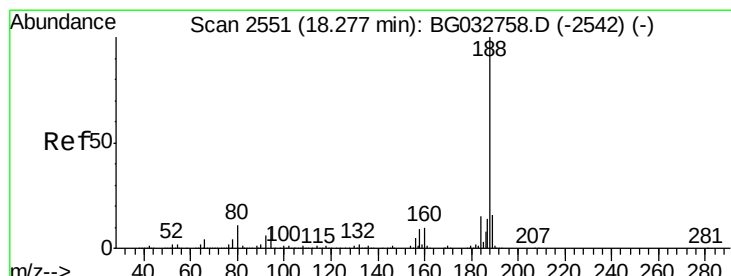
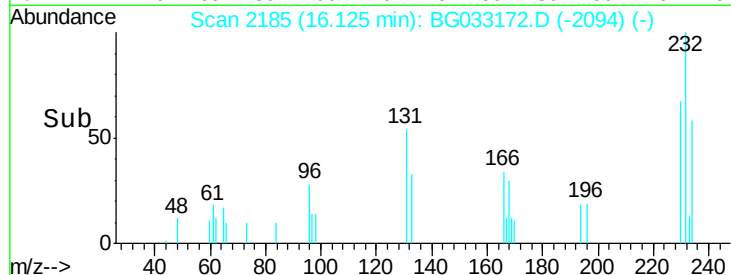
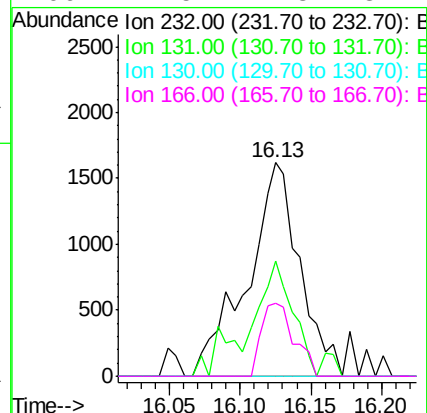
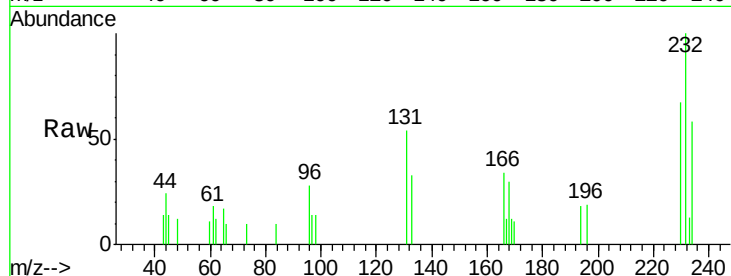




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.556 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BG033172.D
 Acq: 15 Mar 2018 8:53

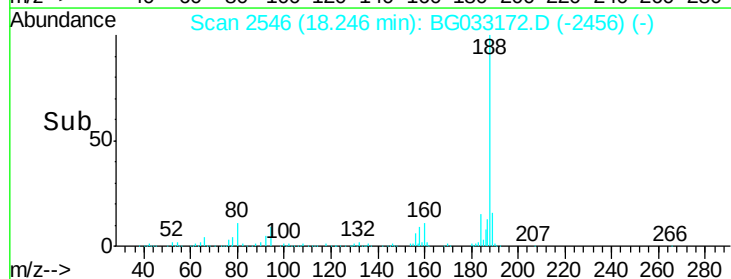
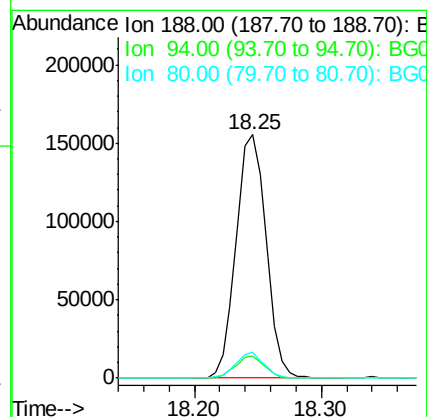
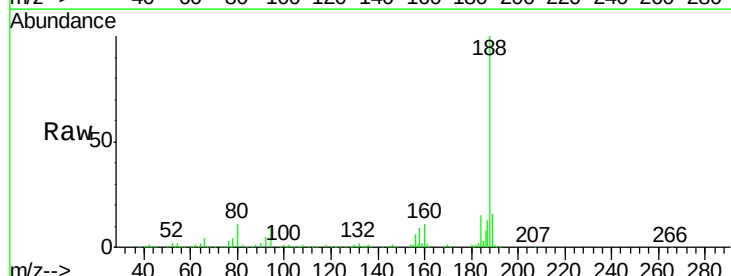
Instrument :
 BNA_G
 ClientSampleId :
 TP-5A-COMP

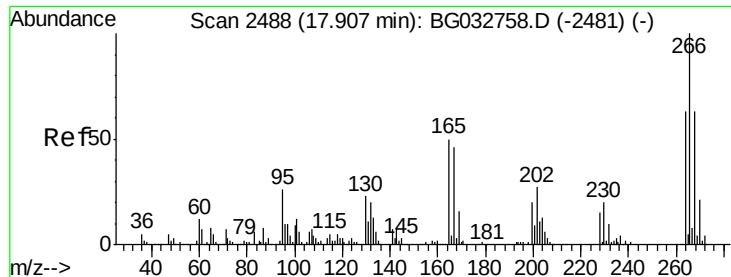
Tot Ion:232 Resp: 4205
 Ion Ratio Lower Upper
 232 100
 131 35.0 33.5 50.3
 130 0.0 2.2 3.2#
 166 21.5 24.8 37.2#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BG033172.D
 Acq: 15 Mar 2018 8:53

Tgt Ion:188 Resp: 254200
 Ion Ratio Lower Upper
 188 100
 94 9.1 6.9 10.3
 80 10.7 7.7 11.5

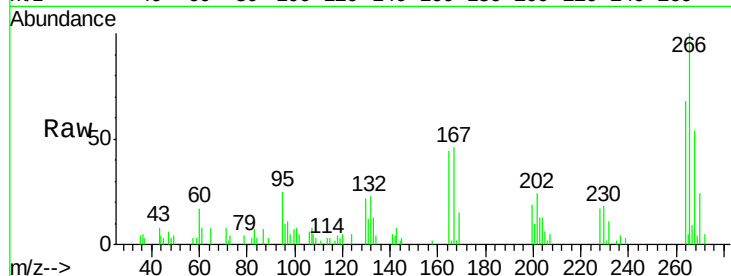




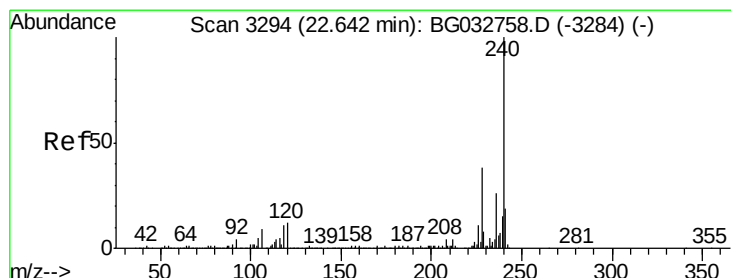
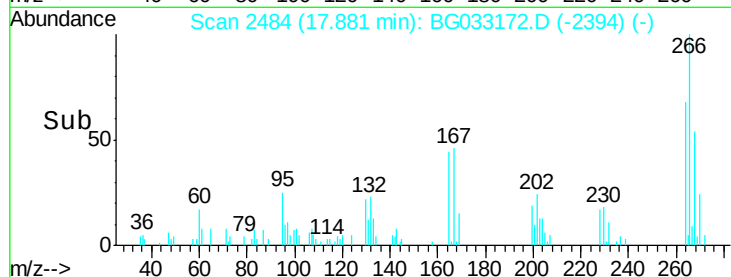
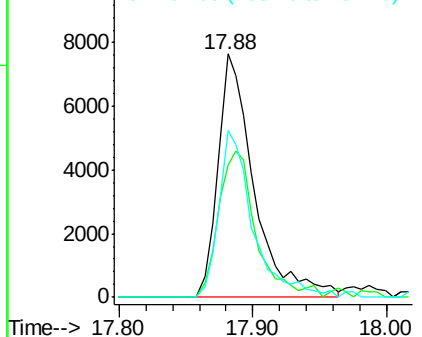
#69
 Pentachlorophenol
 Concen: 7.916 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BG033172.D
 Acq: 15 Mar 2018 8:53

Instrument :
 BNA_G
 ClientSampleId :
 TP-5A-COMP

Tot Ion:266 Resp: 14483
 Ion Ratio Lower Upper
 266 100
 268 54.3 51.1 76.7
 264 68.4 49.6 74.4

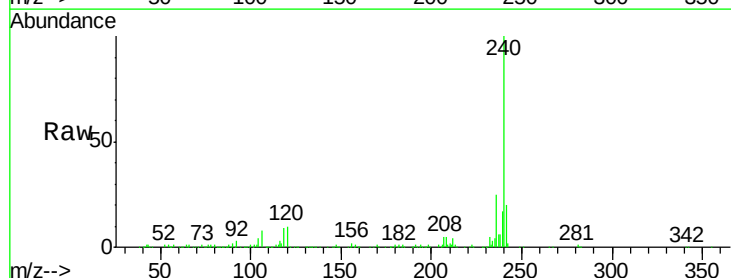


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

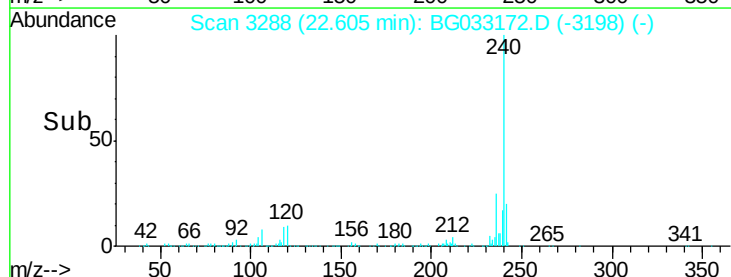
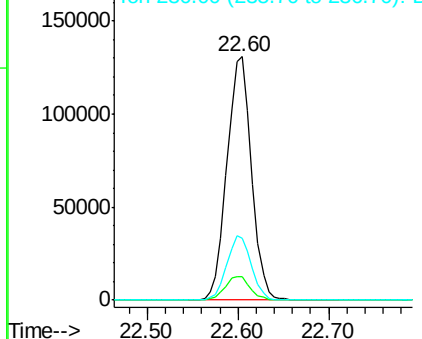


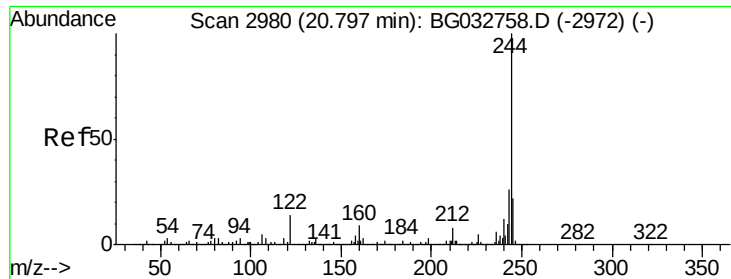
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3288
 Delta R.T. -0.00 min
 Lab File: BG033172.D
 Acq: 15 Mar 2018 8:53

Tgt Ion:240 Resp: 245746
 Ion Ratio Lower Upper
 240 100
 120 9.6 6.8 10.2
 236 25.2 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: 112.690 ng

RT: 20.77 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033172.D

Acq: 15 Mar 2018 8:53

Instrument :

BNA_G

ClientSampleId :

TP-5A-COMP

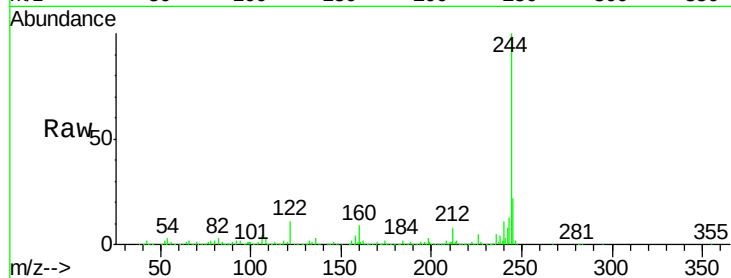
Tot Ion:244 Resp: 1232594

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

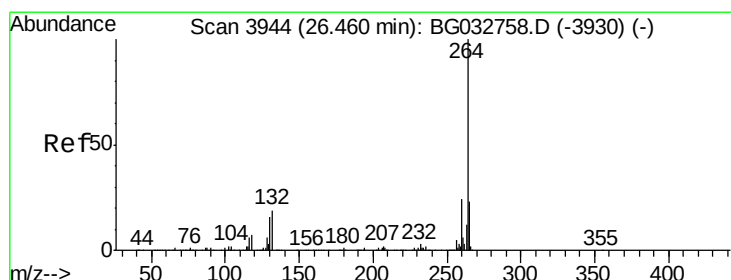
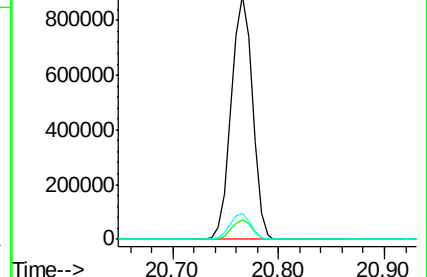
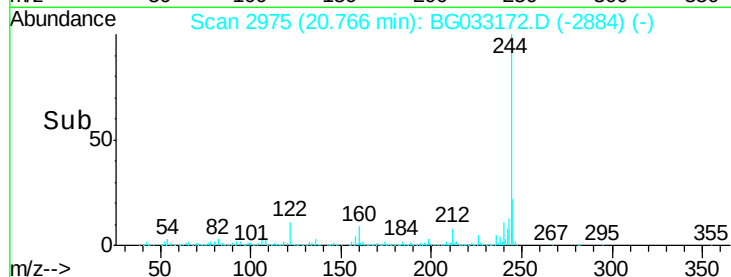
122 10.9 7.0 10.4#



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: 26.41 min Scan# 3935

Delta R.T. -0.00 min

Lab File: BG033172.D

Acq: 15 Mar 2018 8:53

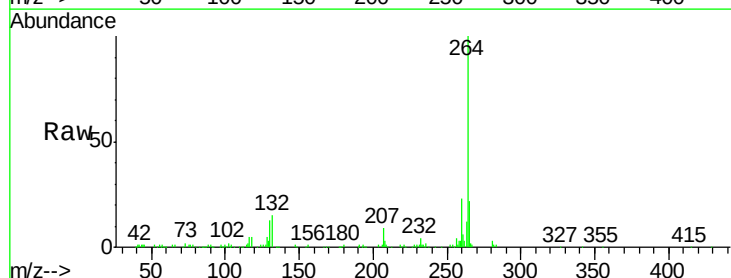
Tgt Ion:264 Resp: 256483

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 22.4 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

