

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033370.D
 Acq On : 27 Mar 2018 20:13
 Operator : SJ/JU
 Sample : J2038-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032218-TIDO-F-D-S

Quant Time: Mar 28 08:30:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	39682	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	165207	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	128782	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	337033	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	350322	20.00	ng	-0.04
86) Perylene-d12	26.32	264	372790	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	82479	38.97	ng	-0.02
7) Phenol-d6	7.97	99	76257	20.97	ng	-0.02
23) Nitrobenzene-d5	10.07	82	333134	92.64	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	184460	95.77	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	881029	98.76	ng	-0.02
78) Terphenyl-d14	20.74	244	1544305	94.27	ng	-0.02

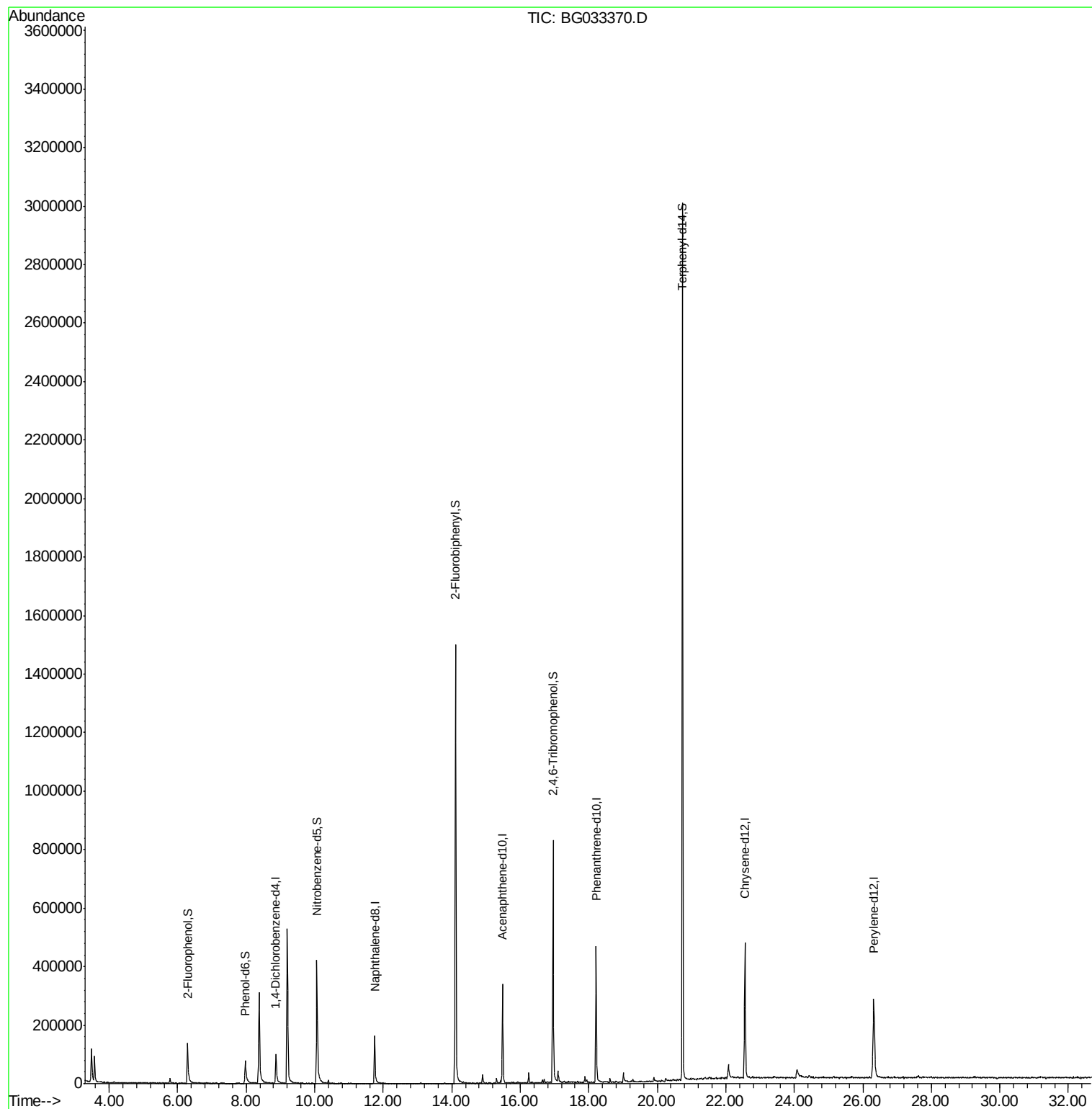
Target Compounds Qvalue

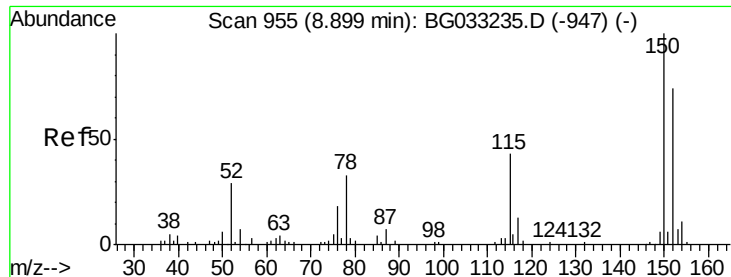
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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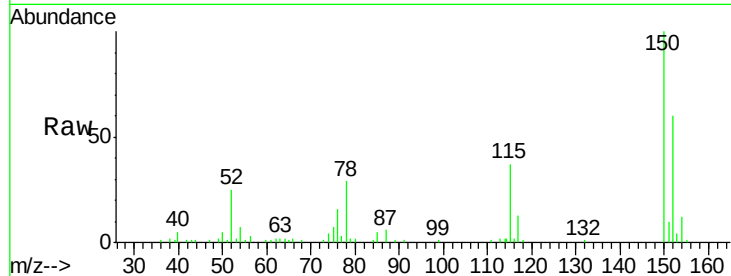




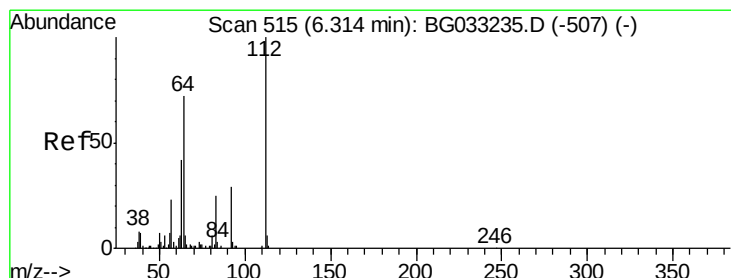
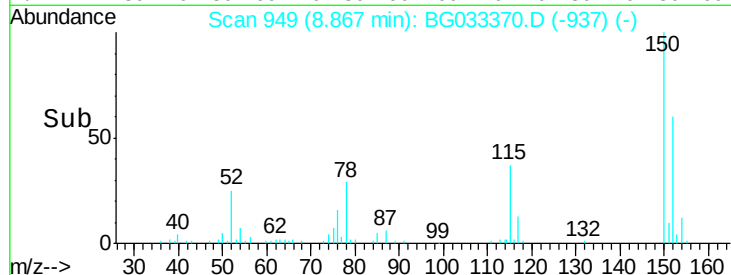
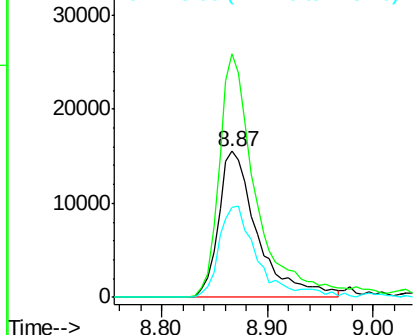
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BG033370.D
 Acq: 27 Mar 2018 20:13

Instrument :
 BNA_G
 ClientSampleId :
 032218-TIDO-F-D-S

Tot Ion:152 Resp: 39682
 Ion Ratio Lower Upper
 152 100
 150 167.0 126.6 189.8
 115 61.4 53.0 79.4

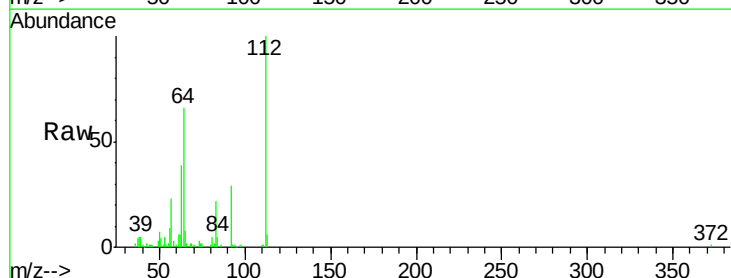


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

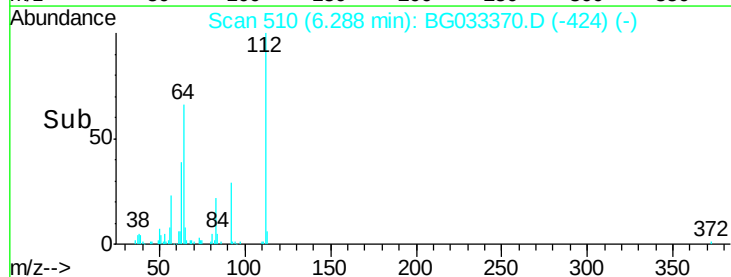
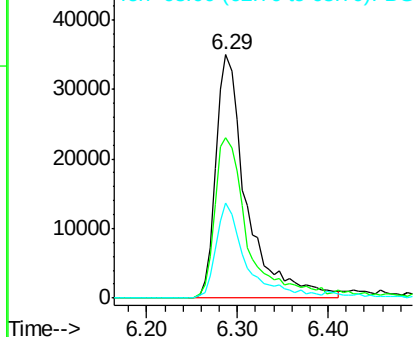


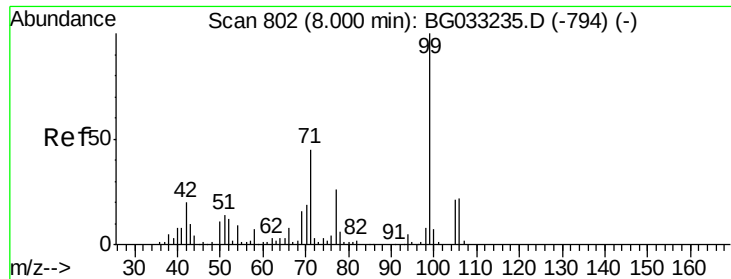
#5
 2-Fluorophenol
 Concen: 38.974 ng
 RT: 6.29 min Scan# 510
 Delta R.T. -0.02 min
 Lab File: BG033370.D
 Acq: 27 Mar 2018 20:13

Tgt Ion:112 Resp: 82479
 Ion Ratio Lower Upper
 112 100
 64 65.8 56.3 84.5
 63 39.3 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: 20.972 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG033370.D

Acq: 27 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

032218-TIDO-F-D-S

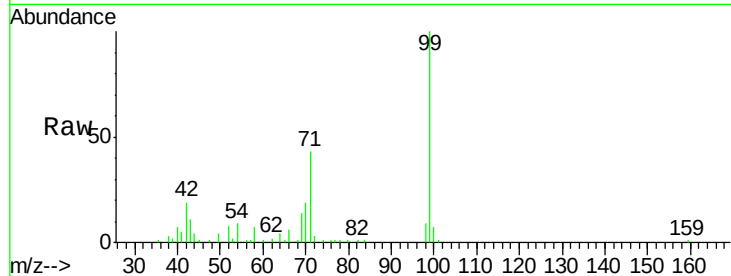
Tot Ion: 99 Resp: 76257

Ion Ratio Lower Upper

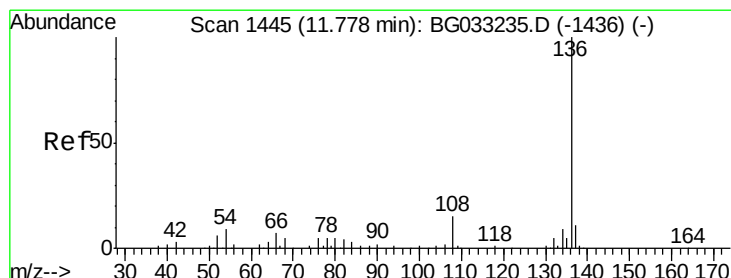
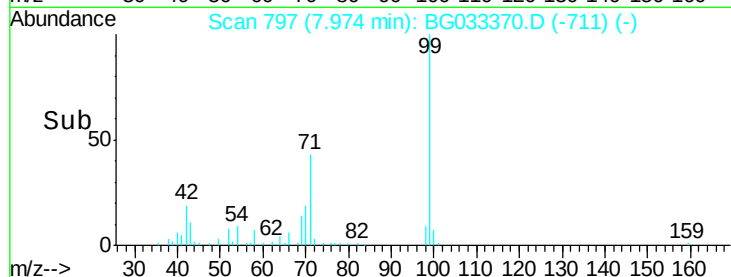
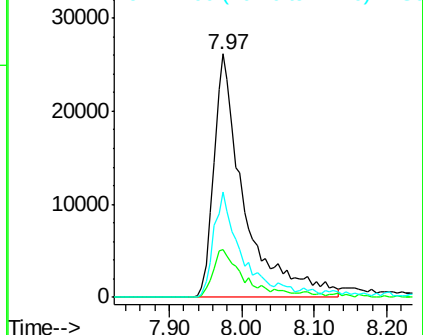
99 100

42 19.4 14.1 21.1

71 43.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.03 min

Lab File: BG033370.D

Acq: 27 Mar 2018 20:13

Tgt Ion: 136 Resp: 165207

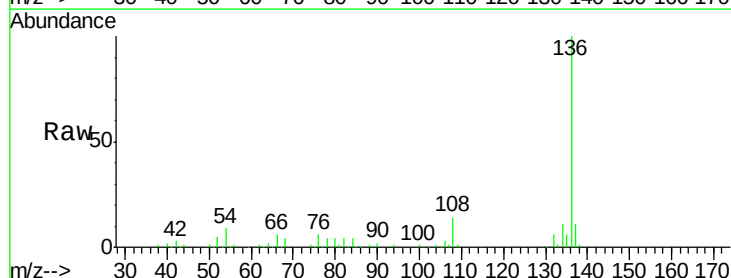
Ion Ratio Lower Upper

136 100

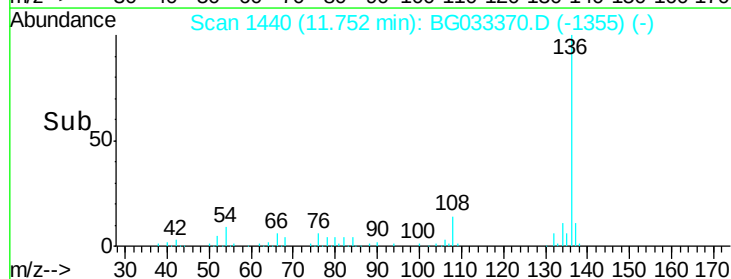
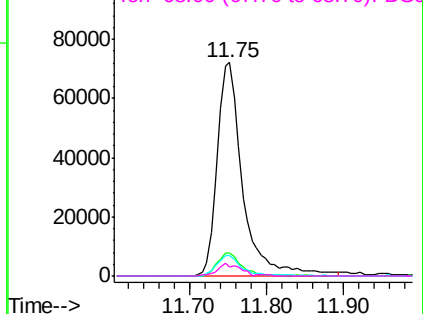
137 10.7 9.2 13.8

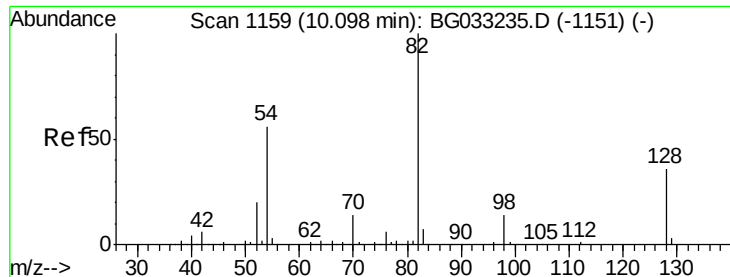
54 9.4 10.3 15.5#

68 4.3 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: 92.645 ng

RT: 10.07 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BG033370.D

Acq: 27 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

032218-TIDO-F-D-S

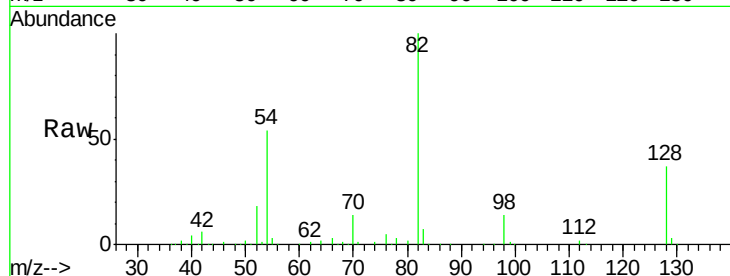
Tot Ion: 82 Resp: 333134

Ion Ratio Lower Upper

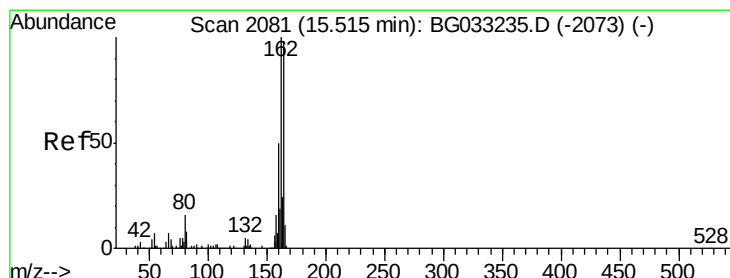
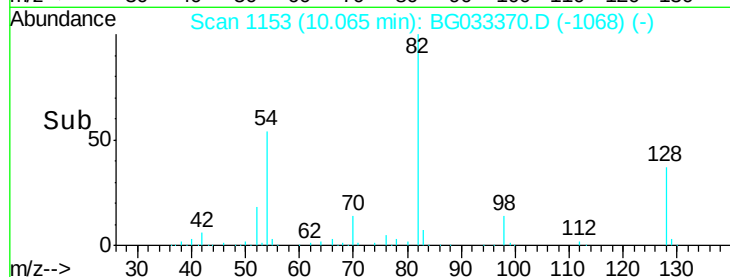
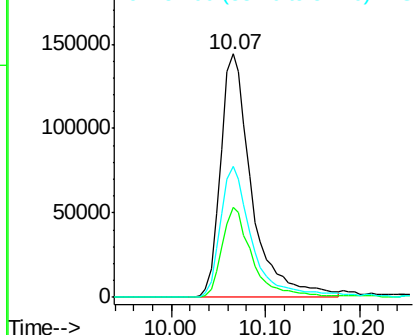
82 100

128 36.9 29.7 44.5

54 54.0 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: 15.48 min Scan# 2075

Delta R.T. -0.03 min

Lab File: BG033370.D

Acq: 27 Mar 2018 20:13

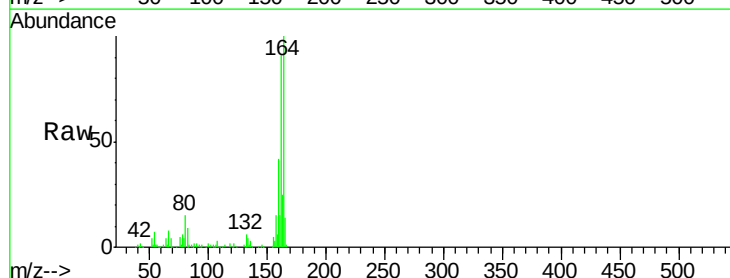
Tgt Ion: 164 Resp: 128782

Ion Ratio Lower Upper

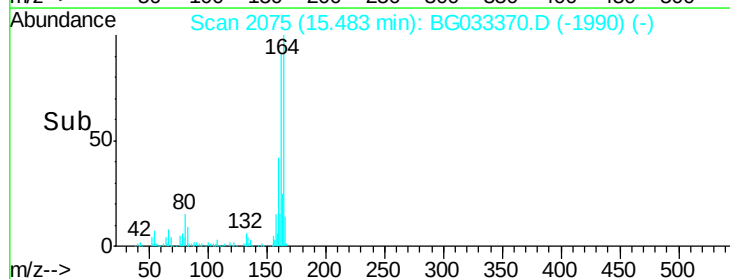
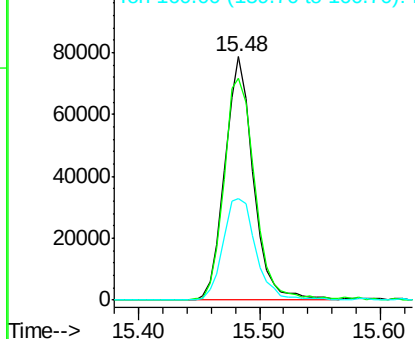
164 100

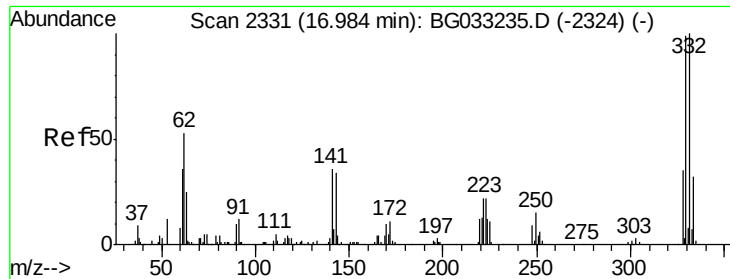
162 90.9 78.8 118.2

160 41.8 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

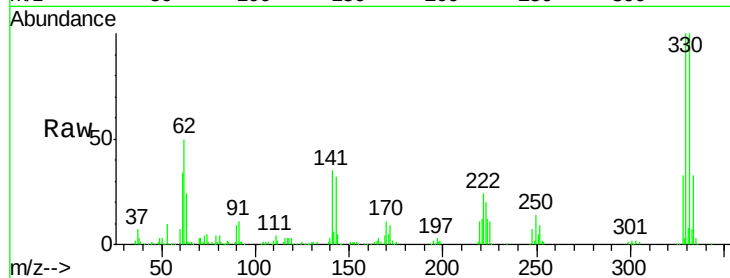




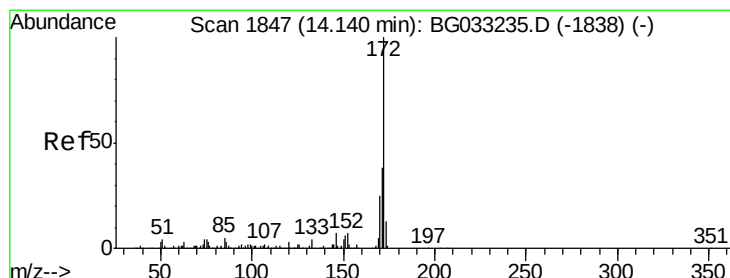
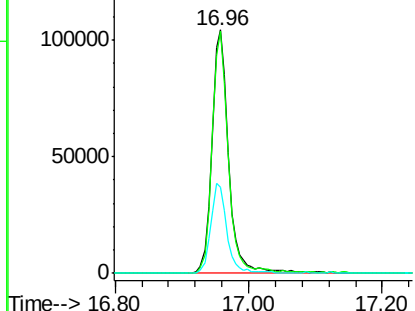
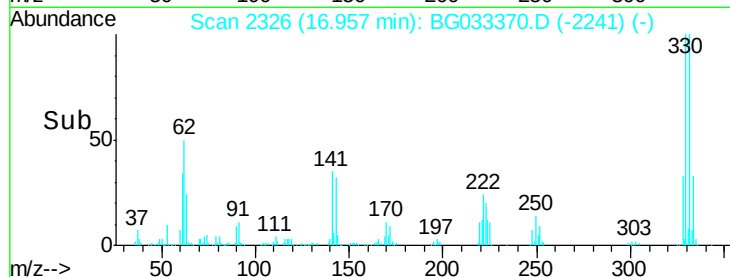
#41
 2,4,6-Tribromophenol
 Concen: 95.769 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033370.D
 Acq: 27 Mar 2018 20:13

Instrument :
 BNA_G
 ClientSampleId :
 032218-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	35.1	25.2	37.8

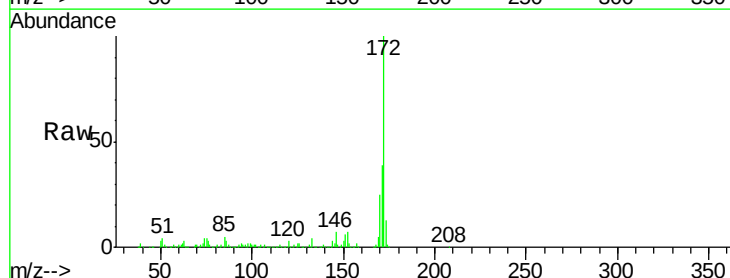


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

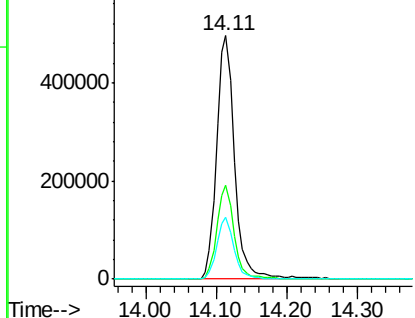
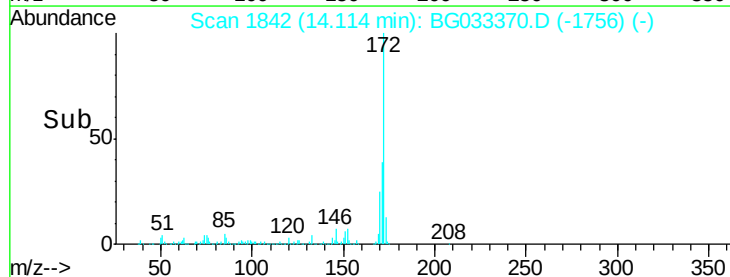


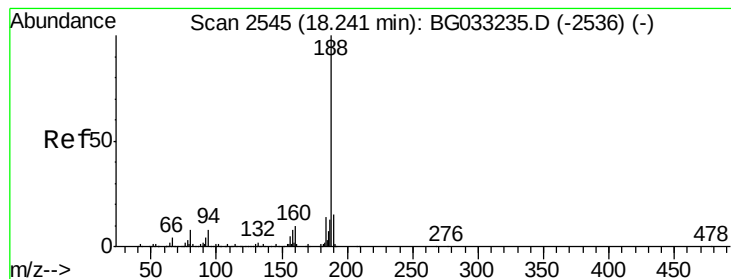
#44
 2-Fluorobiphenyl
 Concen: 98.763 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG033370.D
 Acq: 27 Mar 2018 20:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	25.4	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: 18.21 min Scan# 2540

Delta R.T. -0.02 min

Lab File: BG033370.D

Acq: 27 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

032218-TIDO-F-D-S

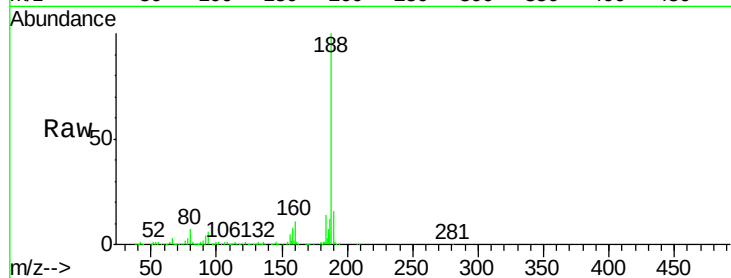
Tot Ion:188 Resp: 337033

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

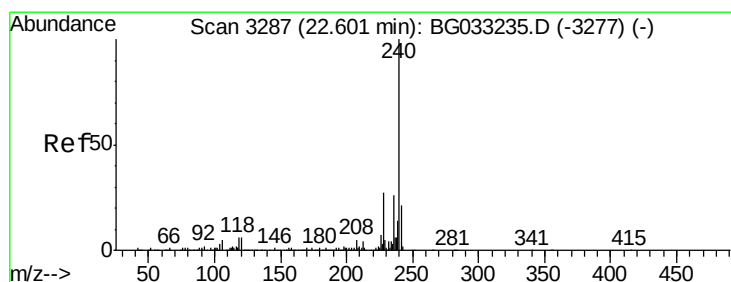
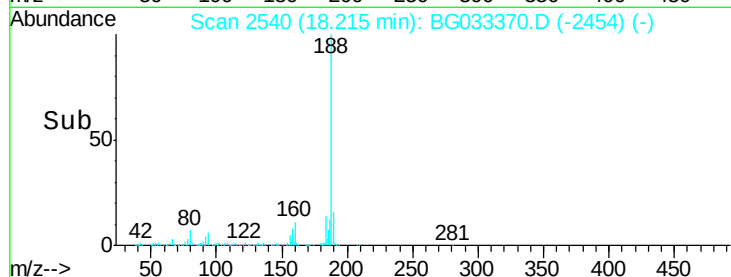
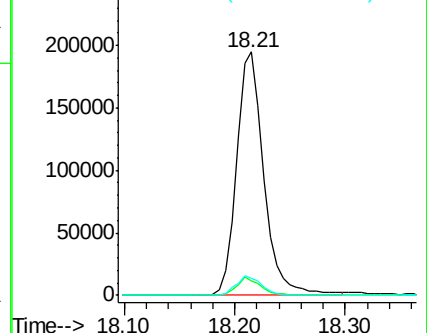
80 7.2 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3279

Delta R.T. -0.04 min

Lab File: BG033370.D

Acq: 27 Mar 2018 20:13

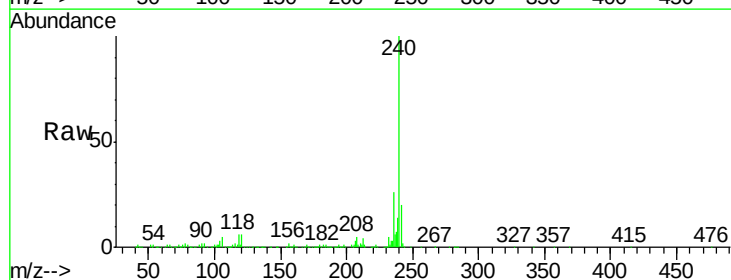
Tgt Ion:240 Resp: 350322

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

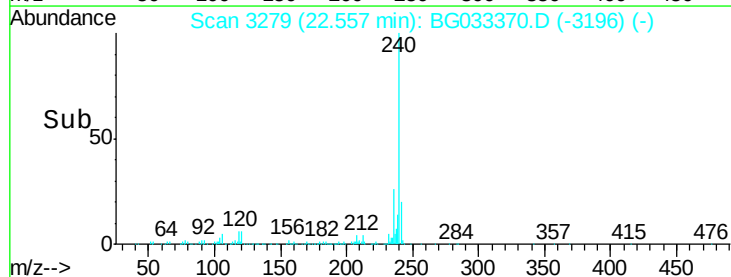
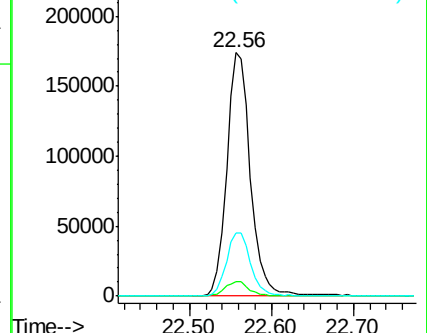
236 25.8 20.9 31.3

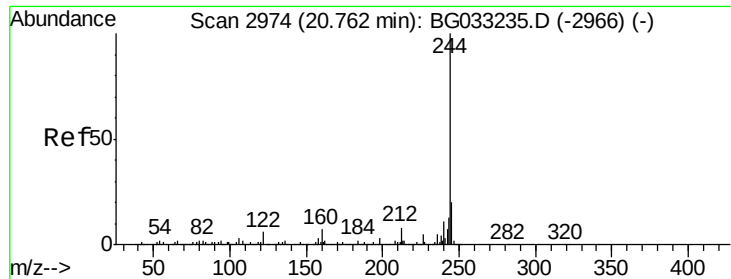


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.275 ng

RT: 20.74 min Scan# 2969

Delta R.T. -0.02 min

Lab File: BG033370.D

Acq: 27 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

032218-TIDO-F-D-S

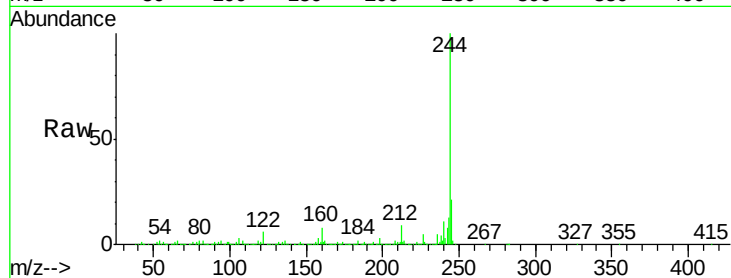
Tot Ion:244 Resp: 1544305

Ion Ratio Lower Upper

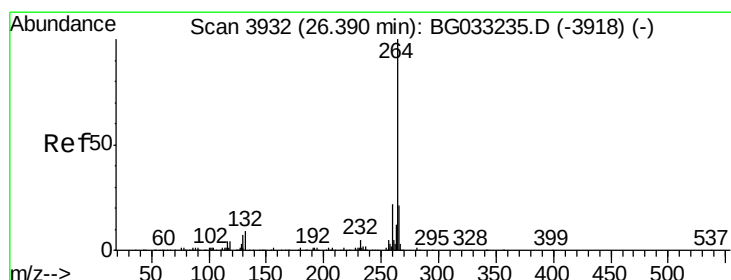
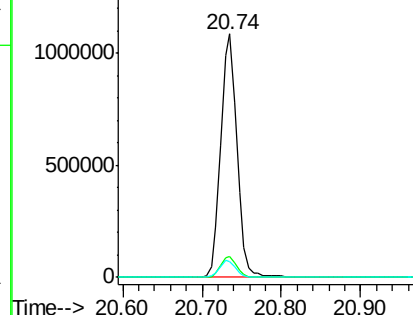
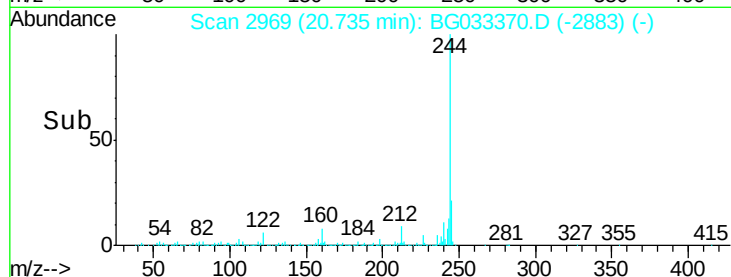
244 100

212 8.7 5.8 8.8

122 6.5 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: 26.32 min Scan# 3920

Delta R.T. -0.06 min

Lab File: BG033370.D

Acq: 27 Mar 2018 20:13

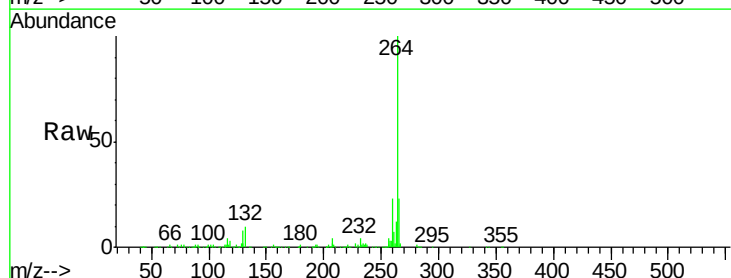
Tgt Ion:264 Resp: 372790

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 22.6 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

