

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033292.D
 Acq On : 22 Mar 2018 13:34
 Operator : SJ/JU
 Sample : J1976-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031618-TIDO-F-D-B

Quant Time: Mar 22 17:54:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	36778	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	165426	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	130175	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	338258	20.00	ng	0.00
75) Chrysene-d12	22.59	240	337580	20.00	ng	0.00
86) Perylene-d12	26.39	264	343652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	100942	51.47	ng	0.00
7) Phenol-d6	7.99	99	94877	28.15	ng	0.00
23) Nitrobenzene-d5	10.09	82	369660	102.67	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	197369	101.38	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	912908	101.24	ng	0.00
78) Terphenyl-d14	20.76	244	1582174	100.23	ng	0.00

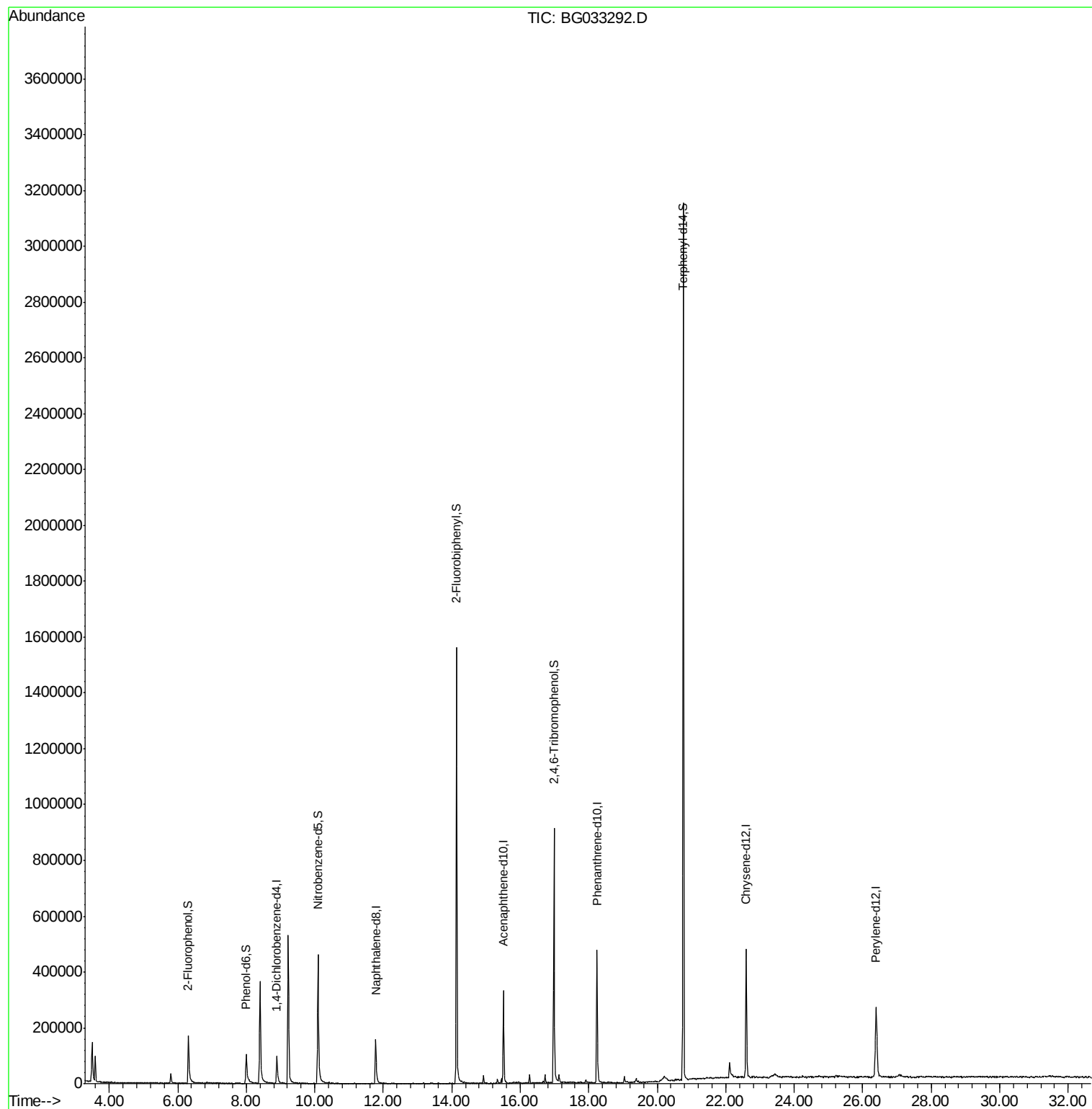
Target Compounds Qvalue

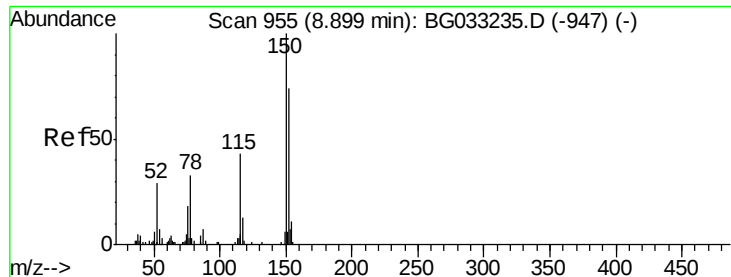
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
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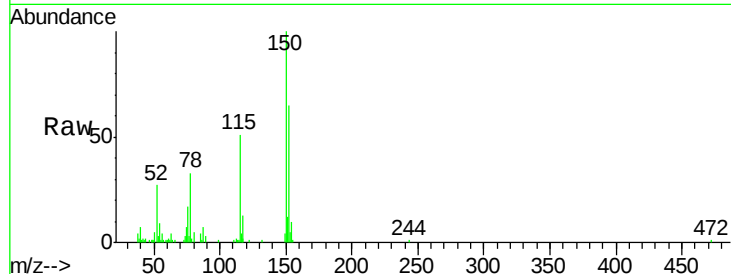


#1

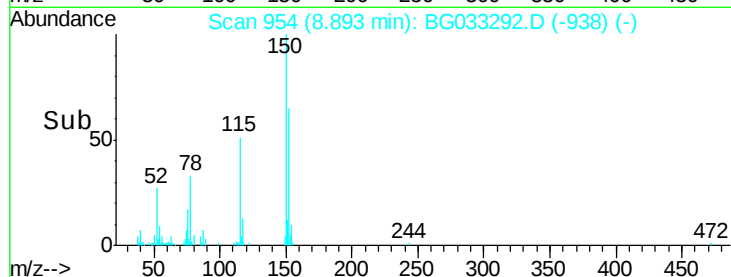
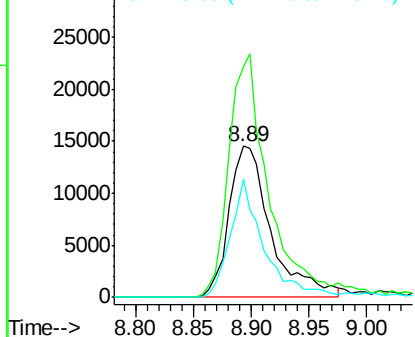
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033292.D
Acq: 22 Mar 2018 13:34

Instrument :
BNA_G
ClientSampleId :
031618-TIDO-F-D-B

Tot Ion:152 Resp: 36778
Ion Ratio Lower Upper
152 100
150 153.0 126.6 189.8
115 78.3 53.0 79.4



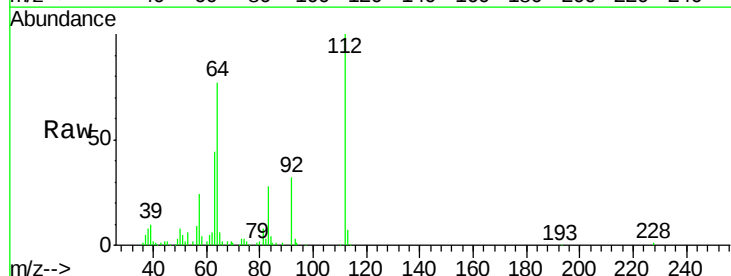
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



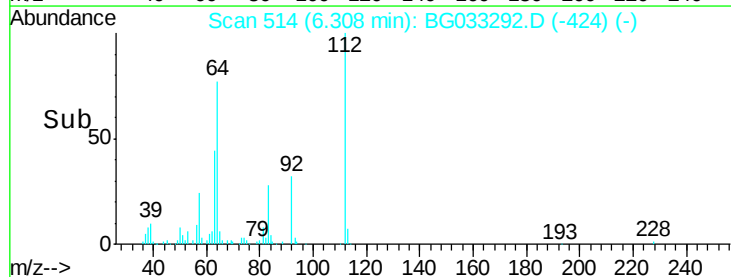
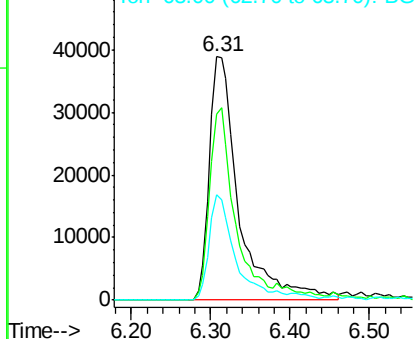
#5

2-Fluorophenol
Concen: 51.465 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033292.D
Acq: 22 Mar 2018 13:34

Tgt Ion:112 Resp: 100942
Ion Ratio Lower Upper
112 100
64 76.6 56.3 84.5
63 43.5 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: 28.153 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033292.D

Acq: 22 Mar 2018 13:34

Instrument :

BNA_G

ClientSampleId :

031618-TIDO-F-D-B

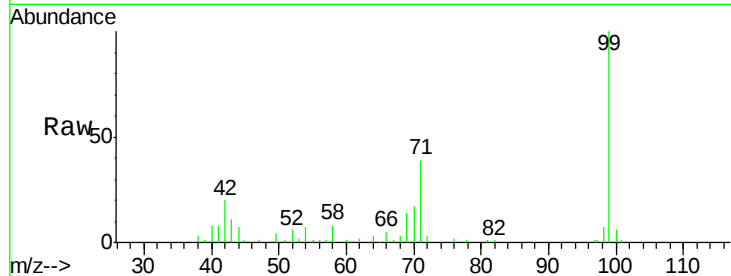
Tot Ion: 99 Resp: 94877

Ion Ratio Lower Upper

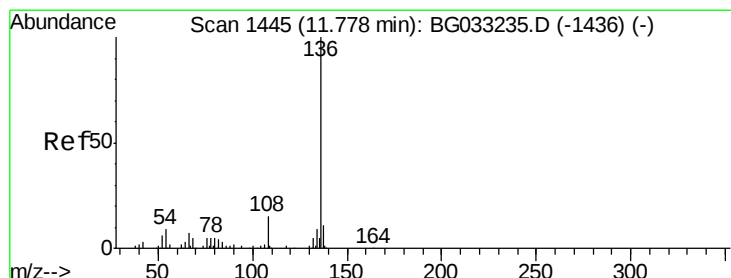
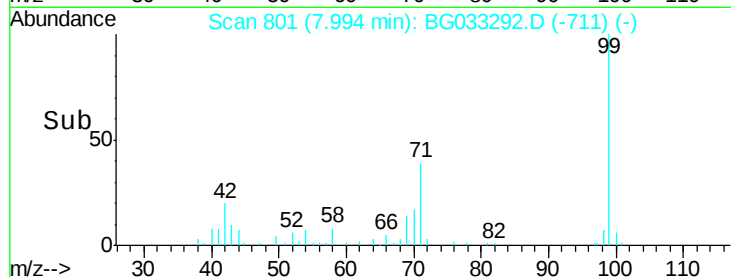
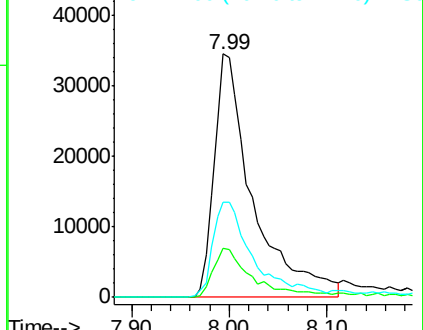
99 100

42 20.1 14.1 21.1

71 39.1 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# 1445

Delta R.T. -0.00 min

Lab File: BG033292.D

Acq: 22 Mar 2018 13:34

Tgt Ion: 136 Resp: 165426

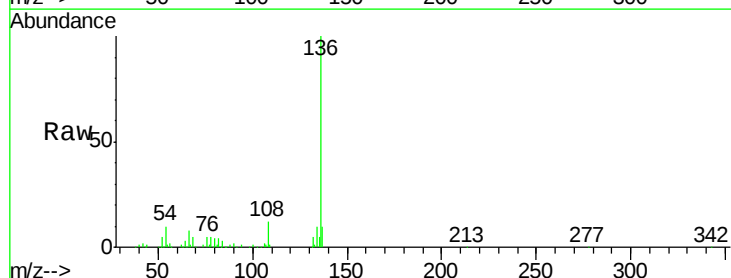
Ion Ratio Lower Upper

136 100

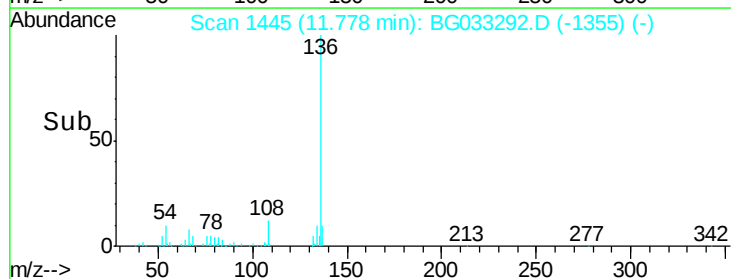
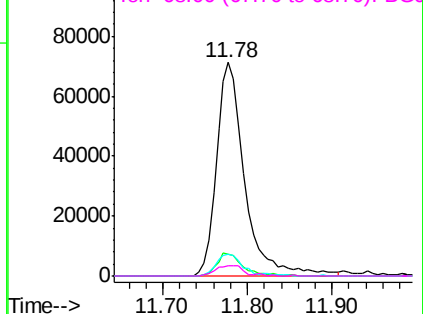
137 10.3 9.2 13.8

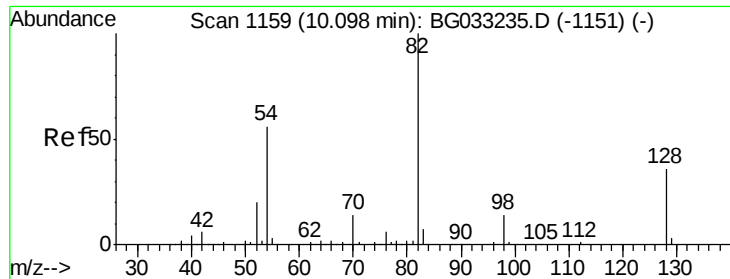
54 10.1 10.3 15.5#

68 5.0 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

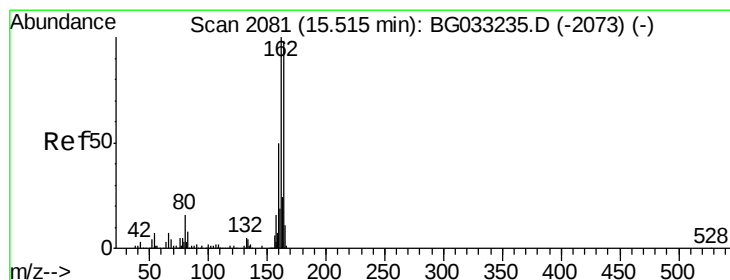
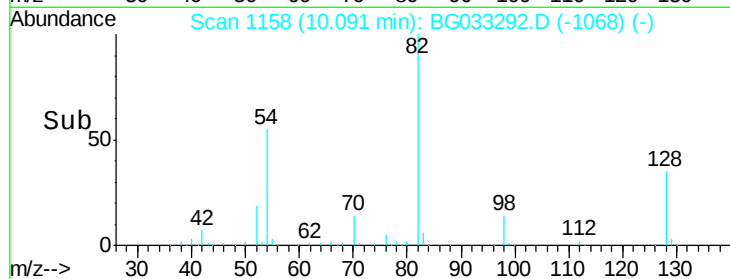
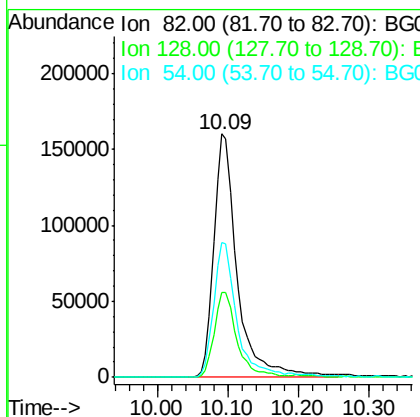
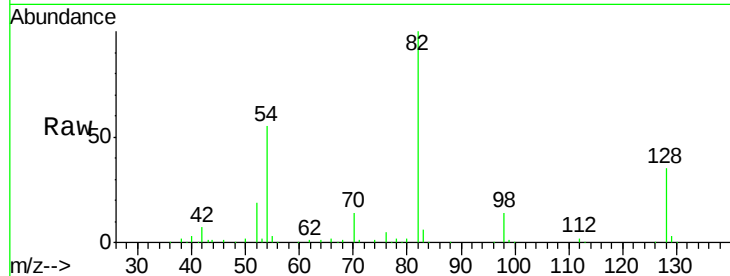




#23
Nitrobenzene-d5
Concen: 102.666 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG033292.D
Acq: 22 Mar 2018 13:34

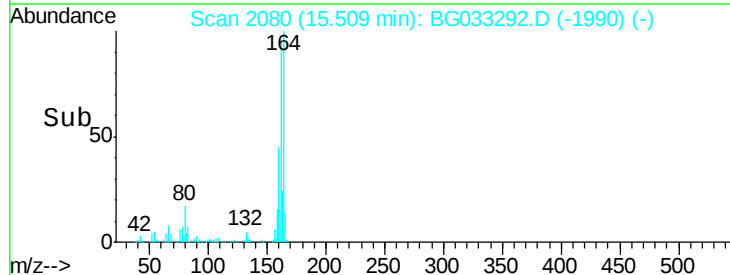
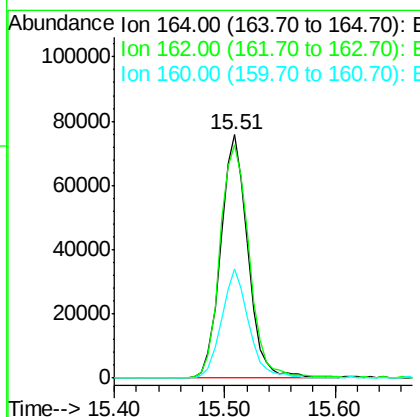
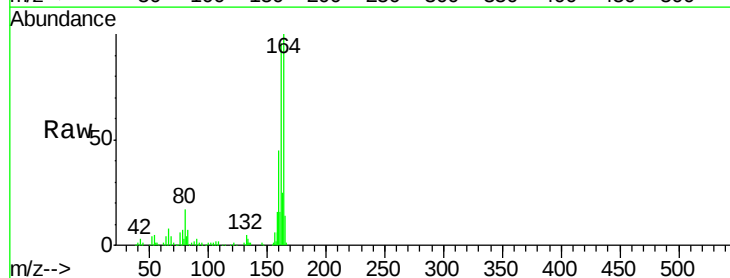
Instrument :
BNA_G
ClientSampleId :
031618-TIDO-F-D-B

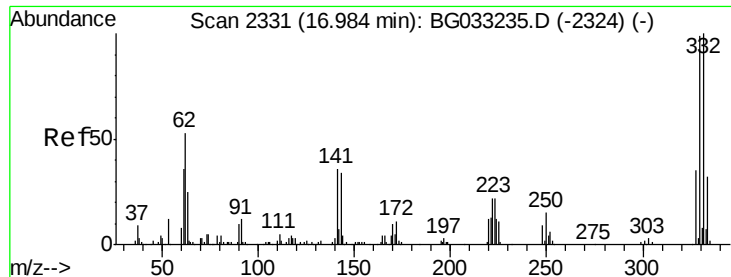
Tot Ion: 82 Resp: 369660
Ion Ratio Lower Upper
82 100
128 34.7 29.7 44.5
54 55.3 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG033292.D
Acq: 22 Mar 2018 13:34

Tgt Ion: 164 Resp: 130175
Ion Ratio Lower Upper
164 100
162 96.0 78.8 118.2
160 44.7 35.4 53.0

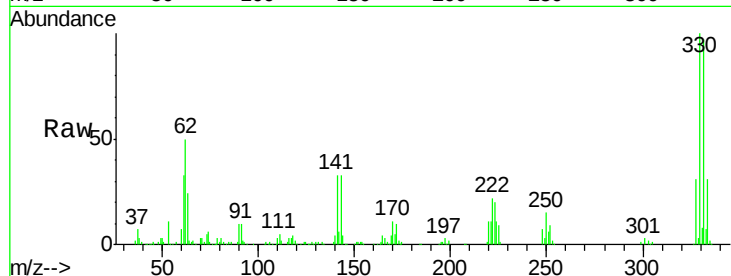




#41
 2,4,6-Tribromophenol
 Concen: 101.375 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033292.D
 Acq: 22 Mar 2018 13:34

Instrument :
 BNA_G
 ClientSampleId :
 031618-TIDO-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	34.8	25.2	37.8

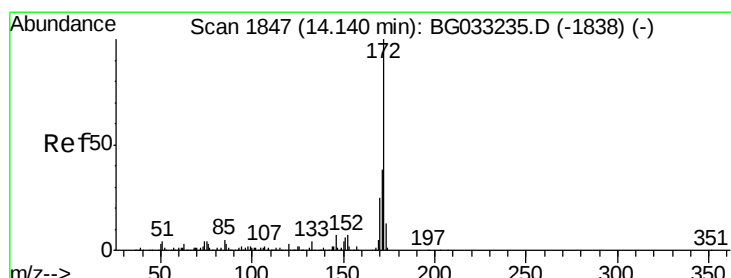
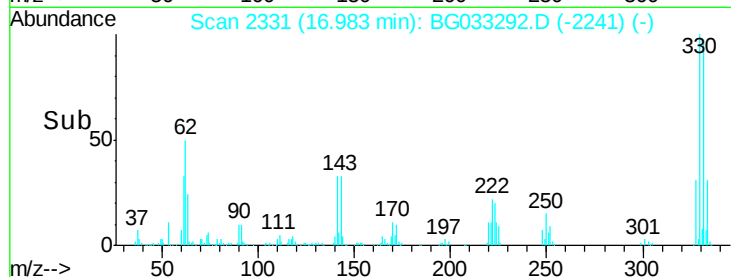
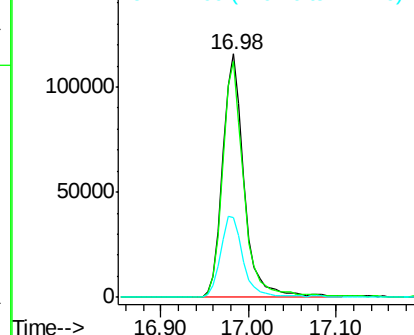


Abundance

Ion 329.80 (329.50 to 330.50): E

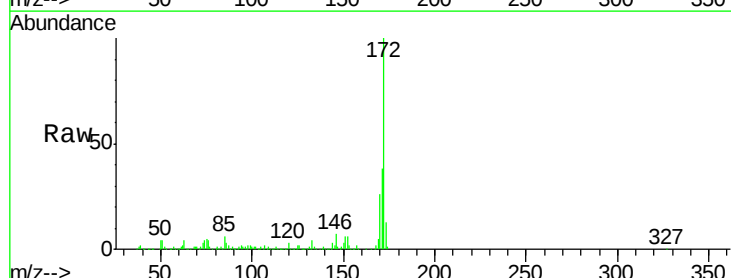
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 101.241 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033292.D
 Acq: 22 Mar 2018 13:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	25.8	19.5	29.3

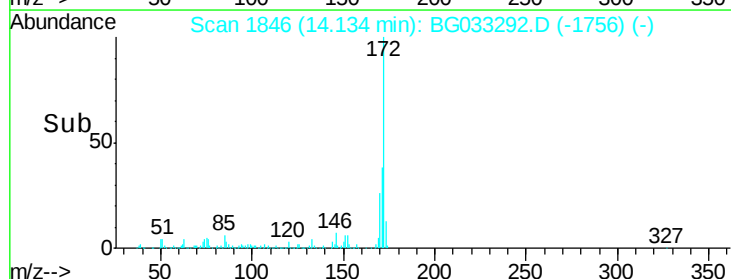
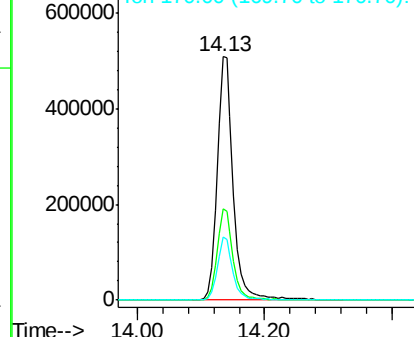


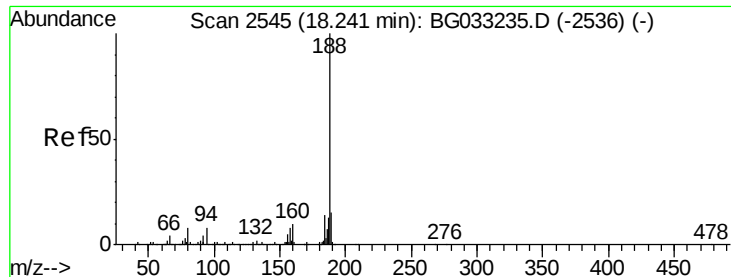
Abundance

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: 18.24 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BG033292.D

Acq: 22 Mar 2018 13:34

Instrument :

BNA_G

ClientSampleId :

031618-TIDO-F-D-B

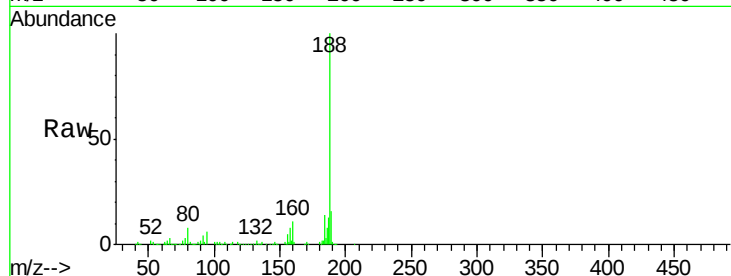
Tot Ion:188 Resp: 338258

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

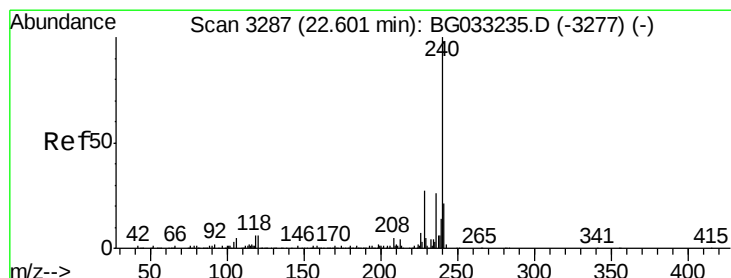
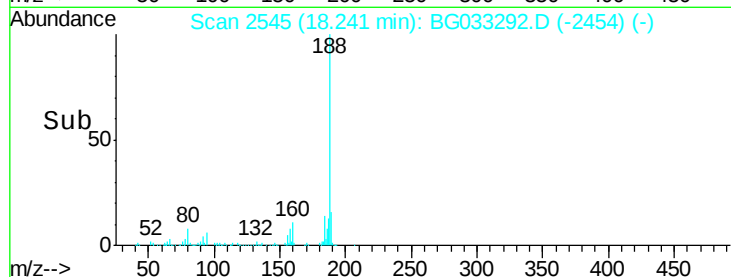
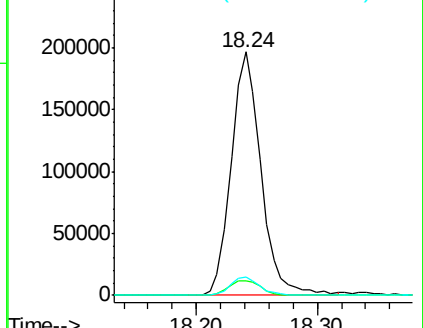
80 7.7 7.7 11.5



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: 22.59 min Scan# 3286

Delta R.T. -0.00 min

Lab File: BG033292.D

Acq: 22 Mar 2018 13:34

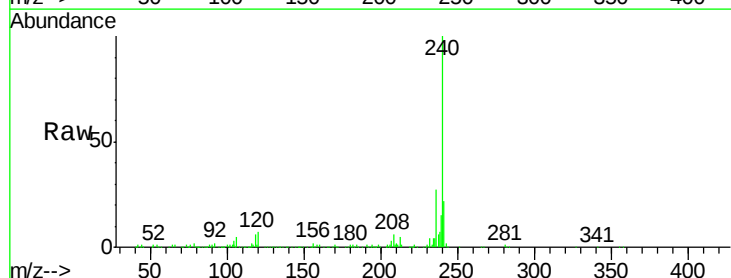
Tgt Ion:240 Resp: 337580

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

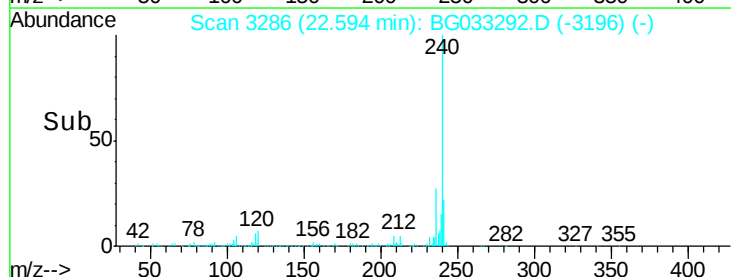
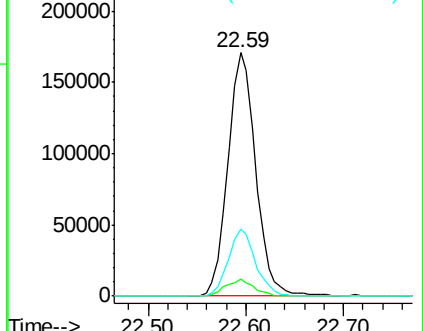
236 27.5 20.9 31.3

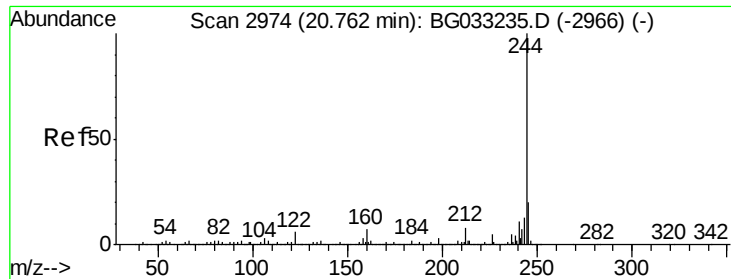


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.232 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033292.D

Acq: 22 Mar 2018 13:34

Instrument :

BNA_G

ClientSampleId :

031618-TIDO-F-D-B

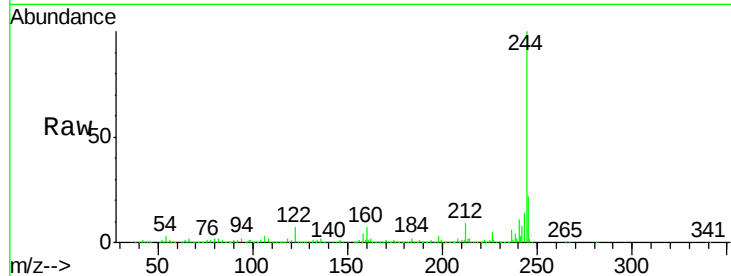
Tot Ion:244 Resp: 1582174

Ion Ratio Lower Upper

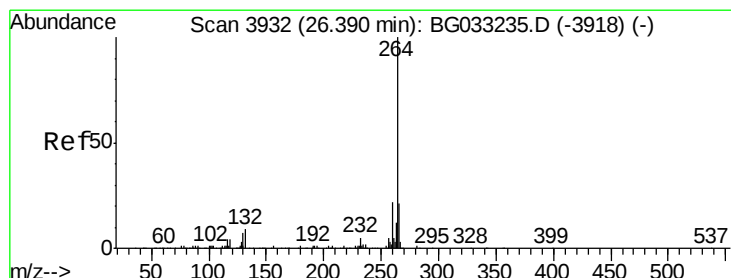
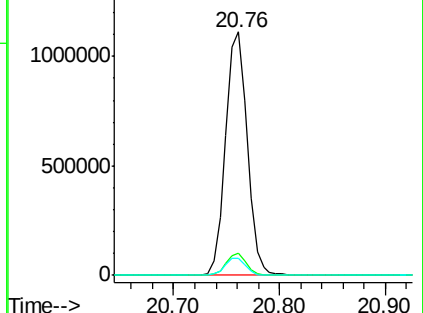
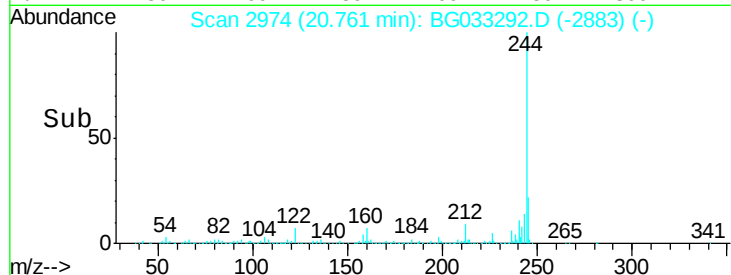
244 100

212 8.9 5.8 8.8#

122 7.0 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: 26.39 min Scan# 3932

Delta R.T. 0.00 min

Lab File: BG033292.D

Acq: 22 Mar 2018 13:34

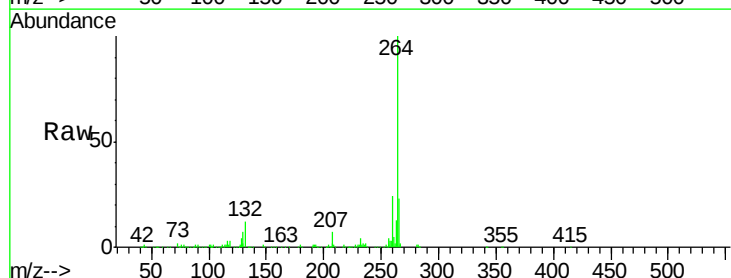
Tgt Ion:264 Resp: 343652

Ion Ratio Lower Upper

264 100

260 24.3 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

