

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033369.D
 Acq On : 27 Mar 2018 19:35
 Operator : SJ/JU
 Sample : J2038-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 28 08:28:03 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	8.86	152	38761	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	158206	20.00	ng	-0.03
38) Acenaphthene-d10	15.49	164	129057	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	345390	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	367636	20.00	ng	-0.04
86) Perylene-d12	26.33	264	385870	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	82165	39.75	ng	-0.03
7) Phenol-d6	7.97	99	74449	20.96	ng	-0.03
23) Nitrobenzene-d5	10.07	82	347200	100.83	ng	-0.03
41) 2,4,6-Tribromophenol	16.95	330	191473	99.20	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	878148	98.23	ng	-0.03
78) Terphenyl-d14	20.73	244	1588886	92.43	ng	-0.03

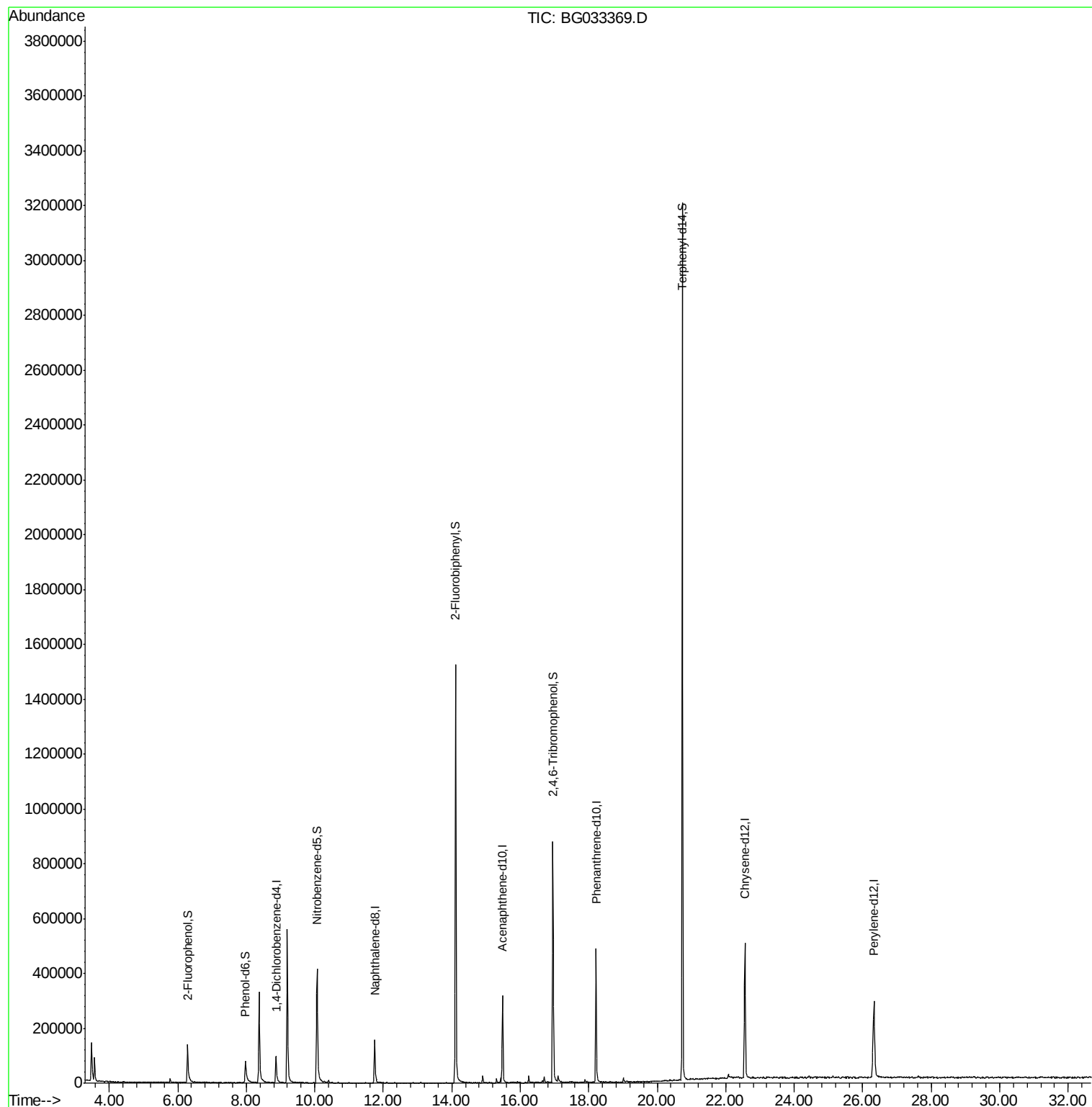
Target Compounds Qvalue

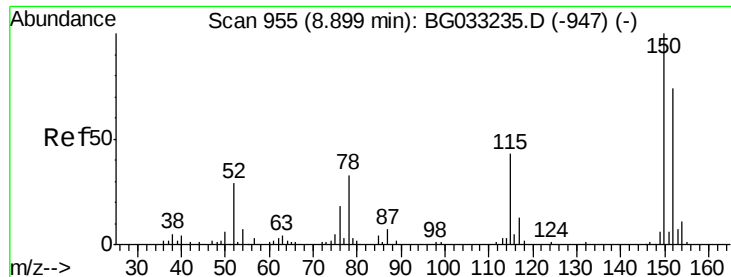
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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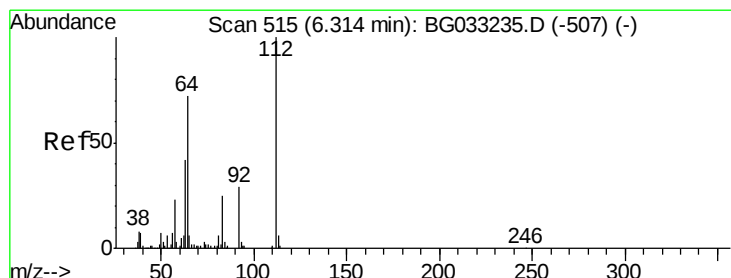
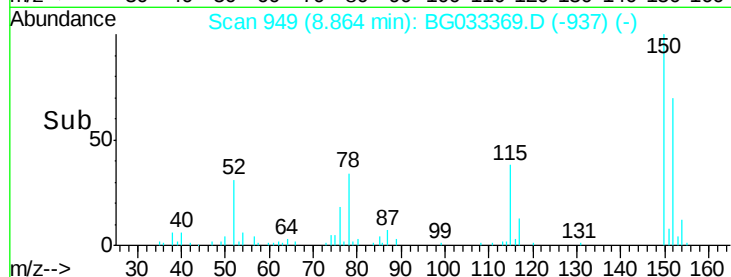
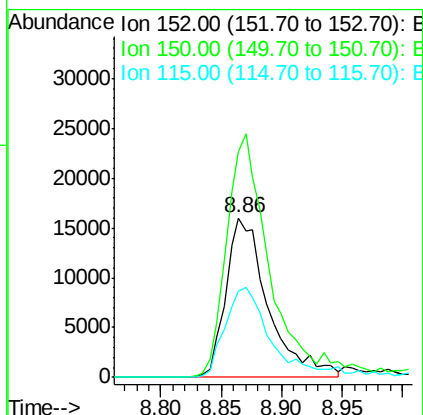
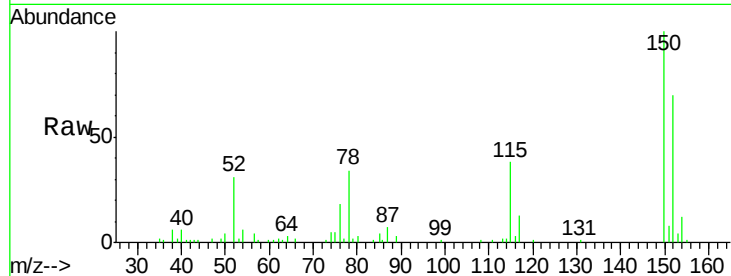


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.03 min
Lab File: BG033369.D
Acq: 27 Mar 2018 19:35

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

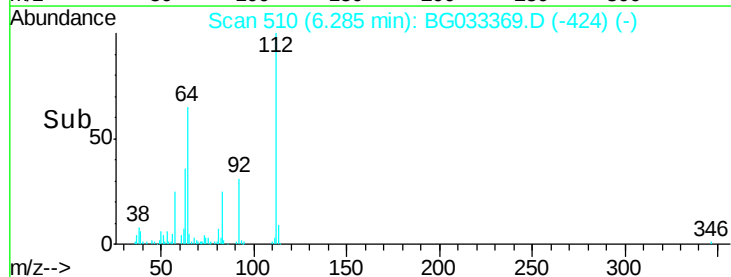
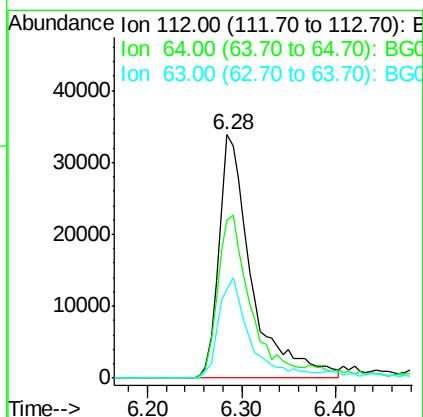
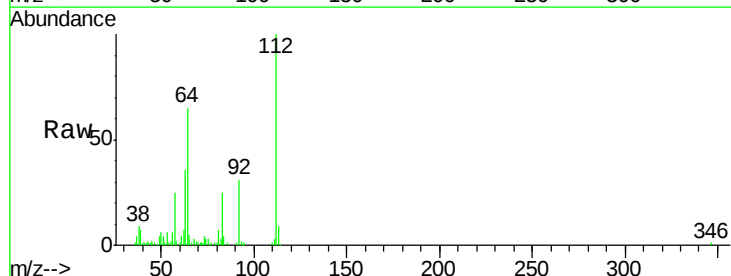
Tot Ion:152 Resp: 38761
Ion Ratio Lower Upper
152 100
150 141.9 126.6 189.8
115 54.4 53.0 79.4

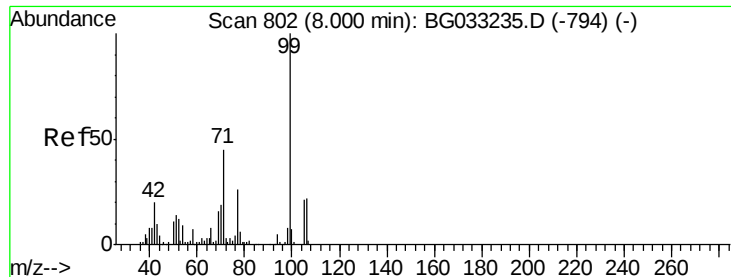


#5

2-Fluorophenol
Concen: 39.749 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.03 min
Lab File: BG033369.D
Acq: 27 Mar 2018 19:35

Tgt Ion:112 Resp: 82165
Ion Ratio Lower Upper
112 100
64 65.0 56.3 84.5
63 36.4 30.1 45.1





#7

Phenol-d6

Concen: 20.961 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033369.D

Acq: 27 Mar 2018 19:35

Instrument :

BNA_G

ClientSampleId :

032218-TIDO-F-D-B

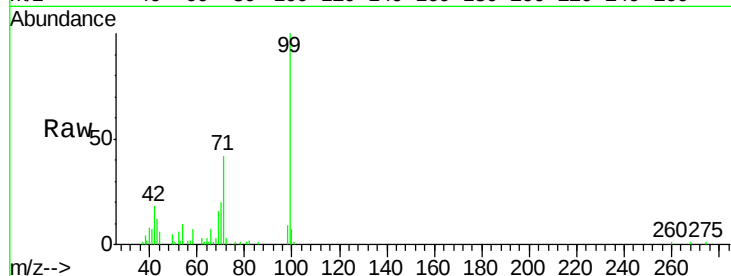
Tot Ion: 99 Resp: 74449

Ion Ratio Lower Upper

99 100

42 17.5 14.1 21.1

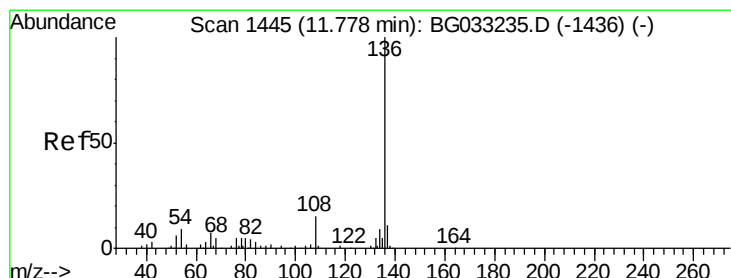
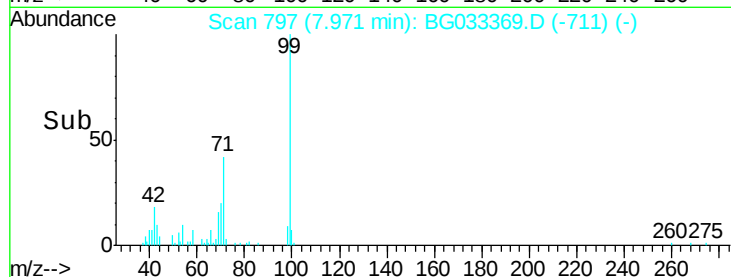
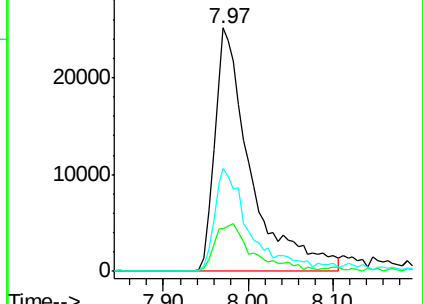
71 42.5 26.1 39.1#



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: BG033369.D

Acq: 27 Mar 2018 19:35

Tgt Ion: 136 Resp: 158206

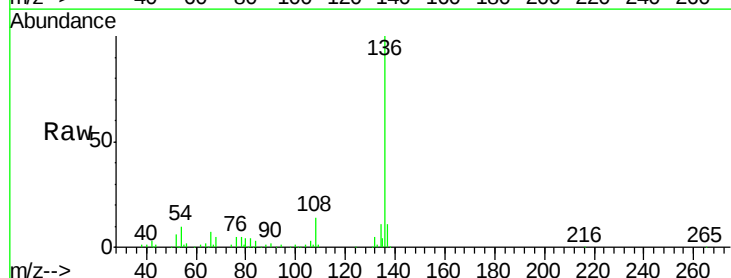
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 9.8 10.3 15.5#

68 5.1 4.5 6.7

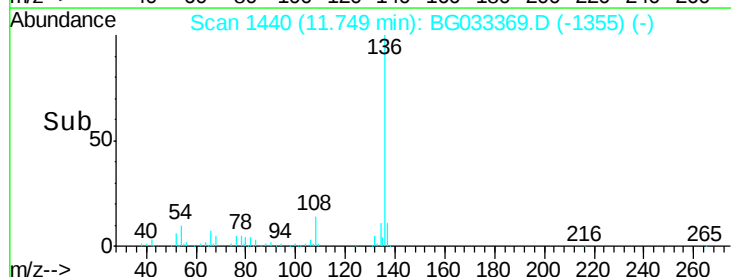
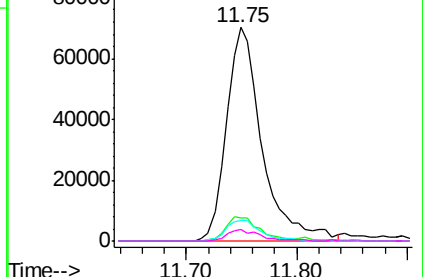


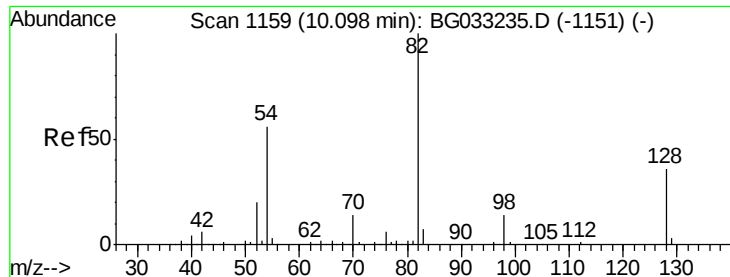
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

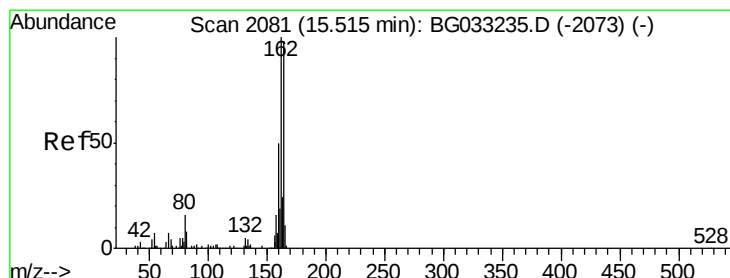
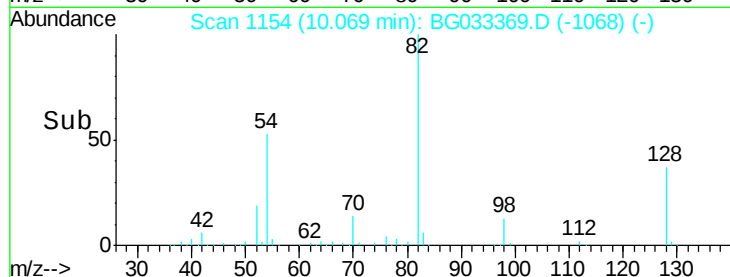
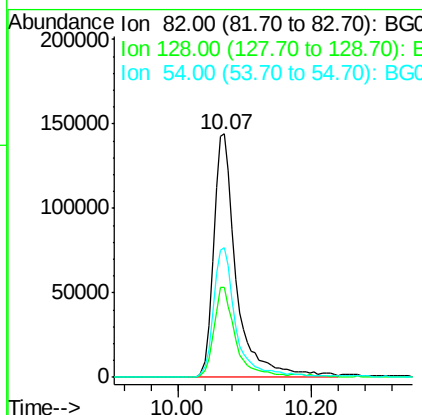
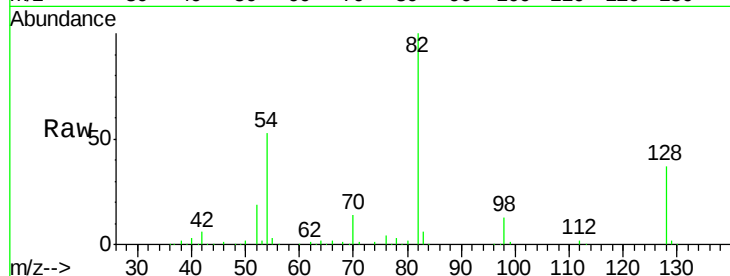




#23
Nitrobenzene-d5
Concen: 100.829 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BG033369.D
Acq: 27 Mar 2018 19:35

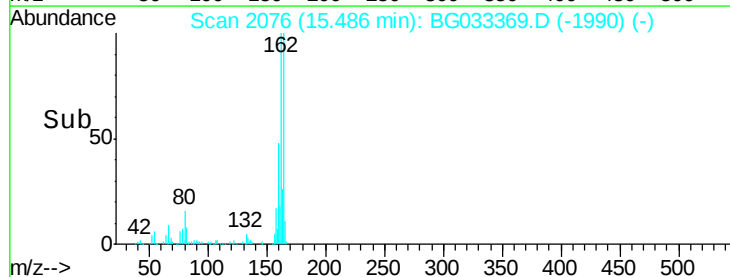
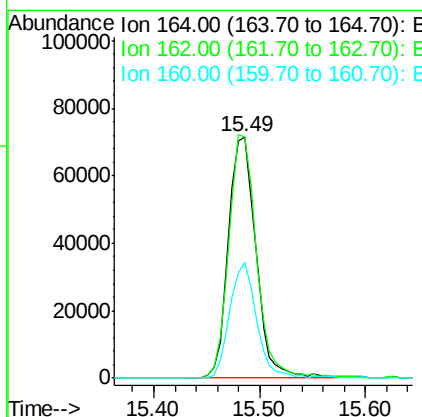
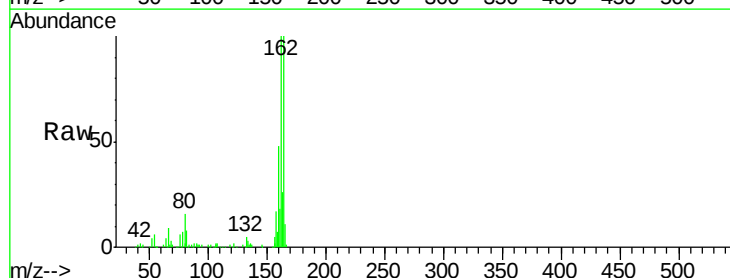
Instrument :
BNA_G
ClientSampleId :
032218-TIDO-F-D-B

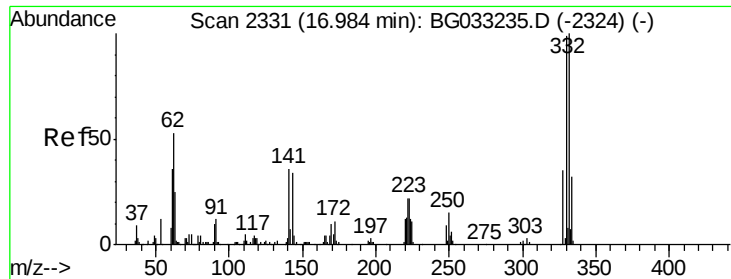
Tot Ion	82	Resp	347200
Ion Ratio	Lower	Upper	
82	100		
128	37.0	29.7	44.5
54	53.5	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.03 min
Lab File: BG033369.D
Acq: 27 Mar 2018 19:35

Tgt Ion	164	Resp	129057
Ion Ratio	Lower	Upper	
164	100		
162	99.8	78.8	118.2
160	48.0	35.4	53.0

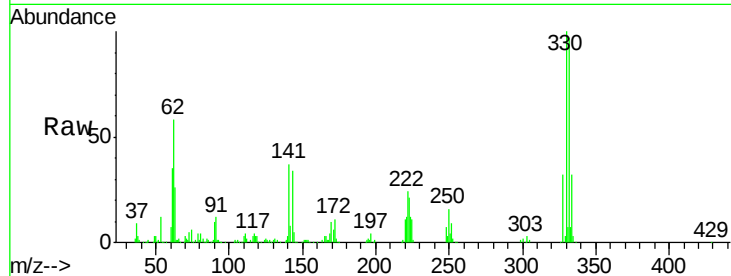




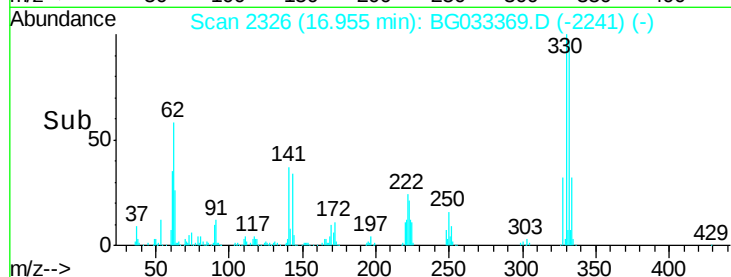
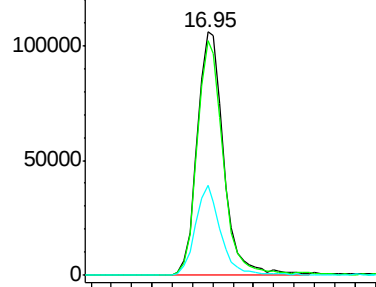
#41
 2,4,6-Tribromophenol
 Concen: 99.199 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033369.D
 Acq: 27 Mar 2018 19:35

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	35.0	25.2	37.8

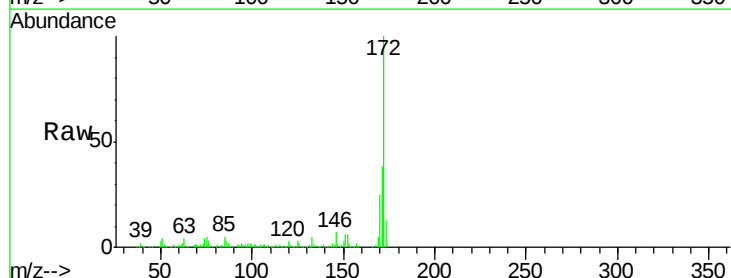


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

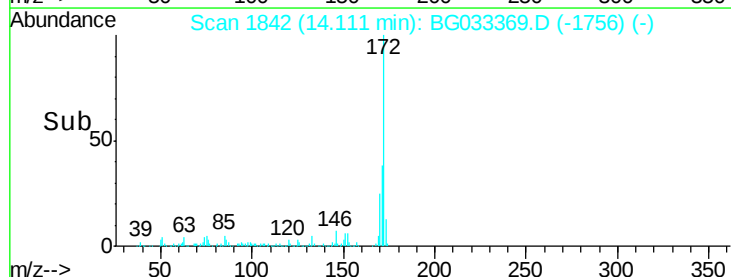
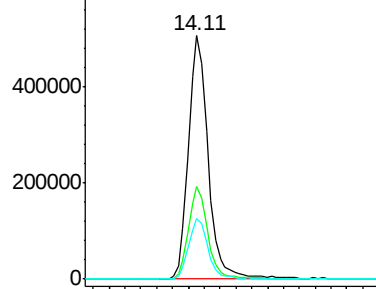


#44
 2-Fluorobiphenyl
 Concen: 98.230 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033369.D
 Acq: 27 Mar 2018 19:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.9	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

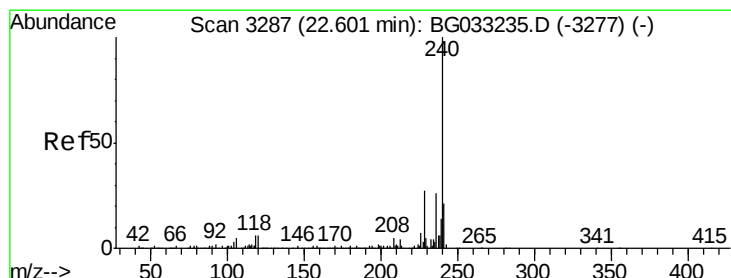
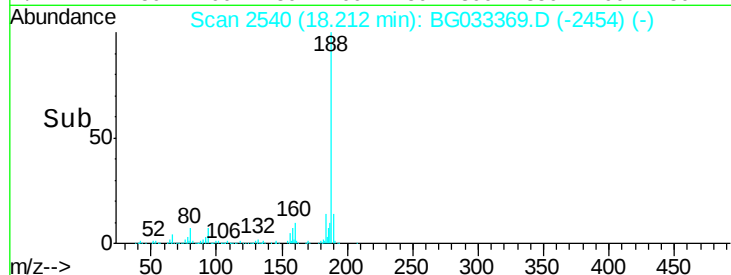
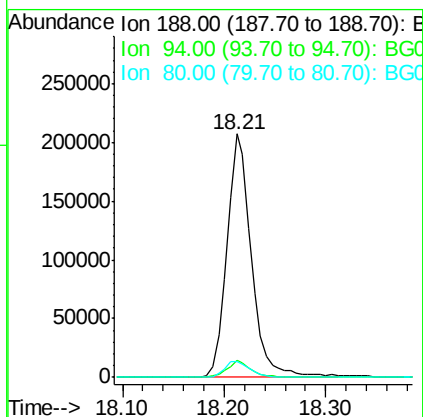
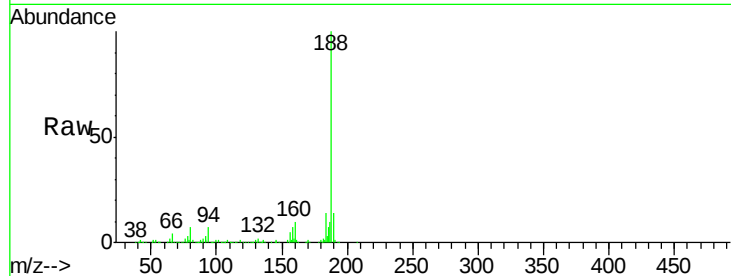




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BG033369.D
Acq: 27 Mar 2018 19:35

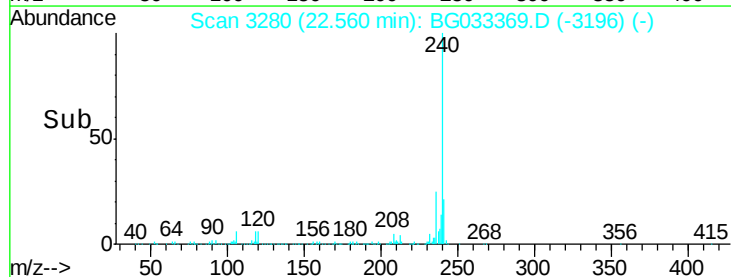
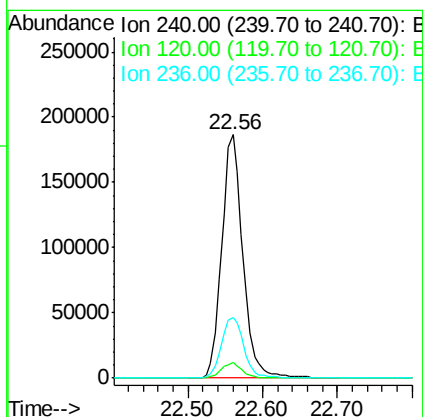
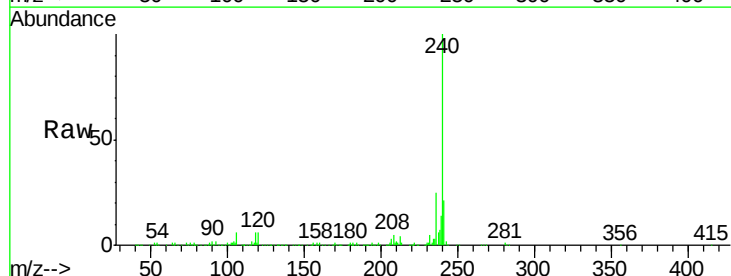
Instrument :
BNA_G
ClientSampleId :
032218-TIDO-F-D-B

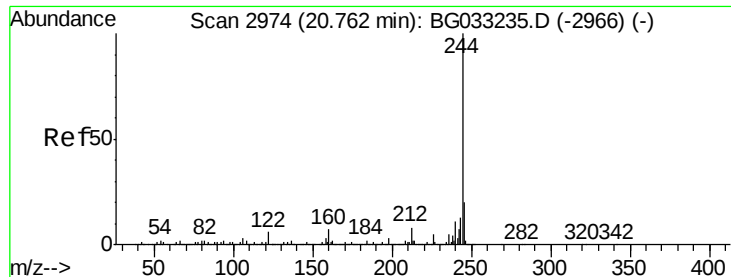
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	6.7	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.04 min
Lab File: BG033369.D
Acq: 27 Mar 2018 19:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	24.6	20.9	31.3





#78

Terphenyl-d14

Concen: 92.428 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.03 min

Lab File: BG033369.D

Acq: 27 Mar 2018 19:35

Instrument :

BNA_G

ClientSampleId :

032218-TIDO-F-D-B

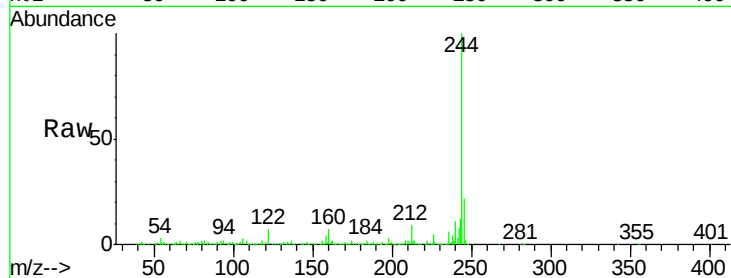
Tot Ion:244 Resp: 1588886

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

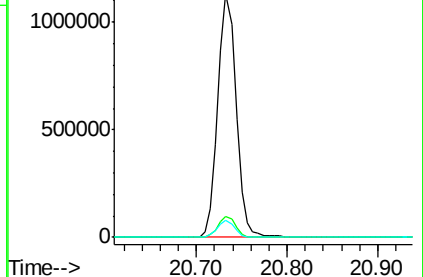
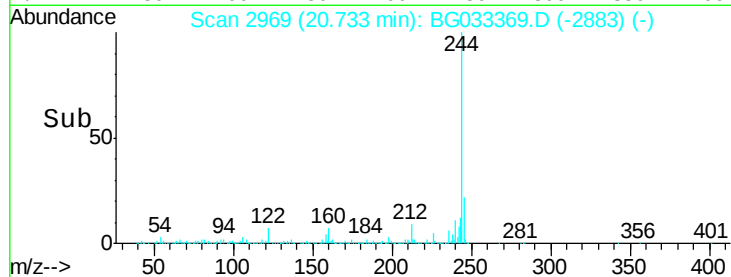
122 7.2 7.0 10.4



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: 26.33 min Scan# 3921

Delta R.T. -0.06 min

Lab File: BG033369.D

Acq: 27 Mar 2018 19:35

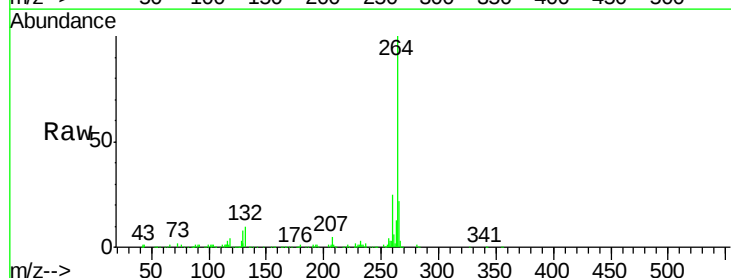
Tgt Ion:264 Resp: 385870

Ion Ratio Lower Upper

264 100

260 25.5 17.4 26.0

265 22.3 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

