

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033372.D
 Acq On : 27 Mar 2018 21:28
 Operator : SJ/JU
 Sample : J2038-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Mar 28 08:33:59 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	39446	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	161885	20.00	ng	-0.03
38) Acenaphthene-d10	15.49	164	125496	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	338043	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	354633	20.00	ng	-0.04
86) Perylene-d12	26.33	264	382953	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	93758	44.57	ng	-0.02
7) Phenol-d6	7.97	99	71016	19.65	ng	-0.03
23) Nitrobenzene-d5	10.07	82	333396	94.62	ng	-0.03
41) 2,4,6-Tribromophenol	16.95	330	185812	99.00	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	844955	97.20	ng	-0.03
78) Terphenyl-d14	20.73	244	1516082	91.43	ng	-0.03

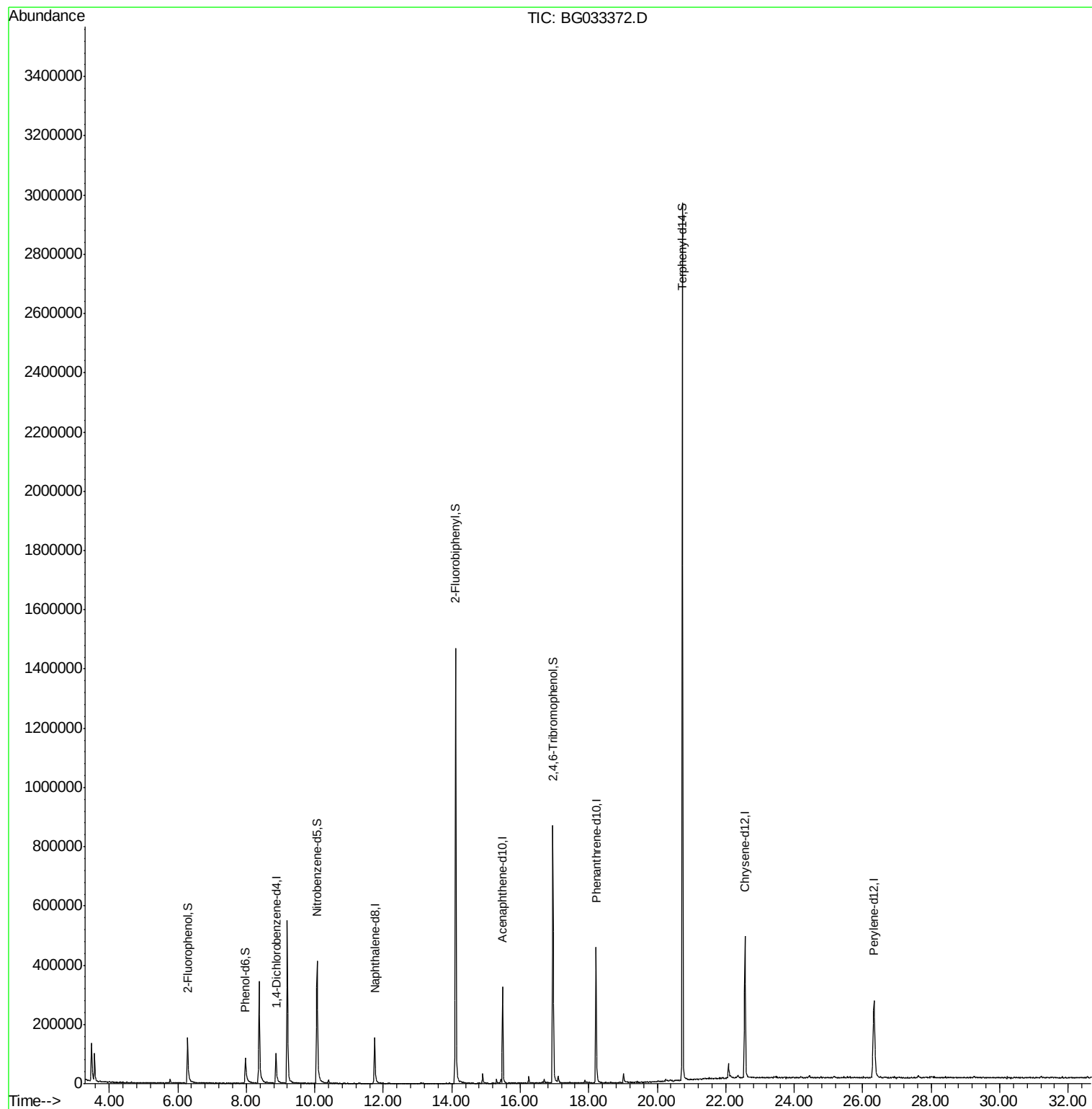
Target Compounds Qvalue

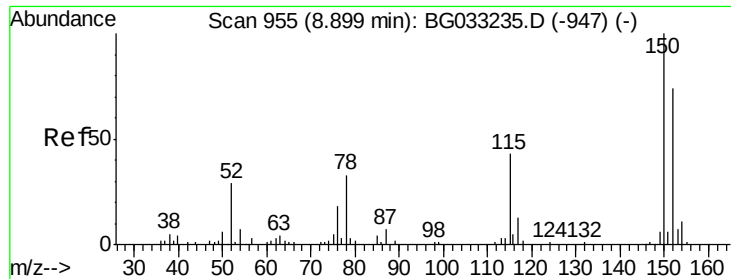
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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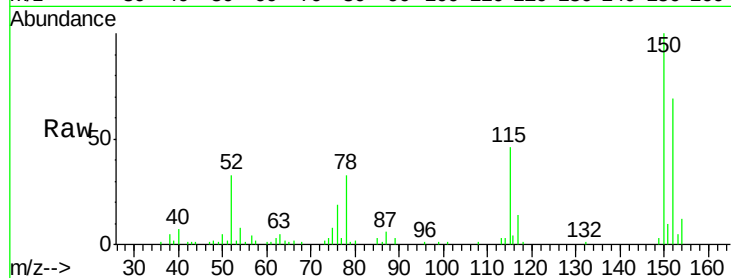


#1

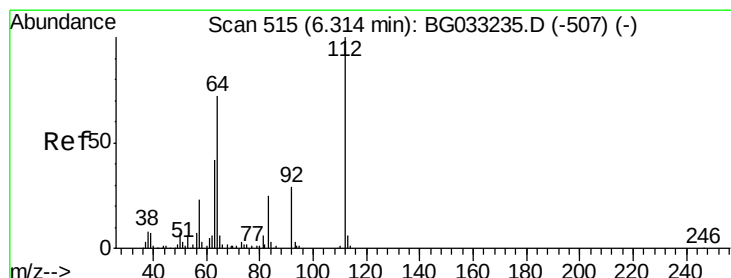
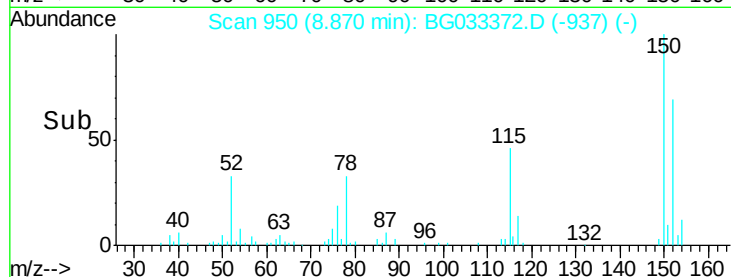
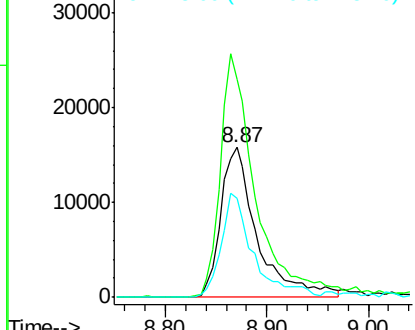
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.03 min
Lab File: BG033372.D
Acq: 27 Mar 2018 21:28

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

Tot Ion:152 Resp: 39446
Ion Ratio Lower Upper
152 100
150 145.9 126.6 189.8
115 66.5 53.0 79.4



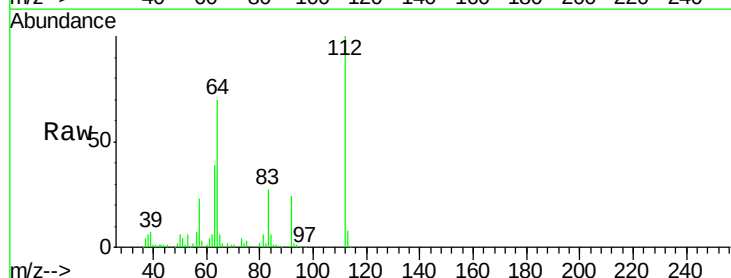
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



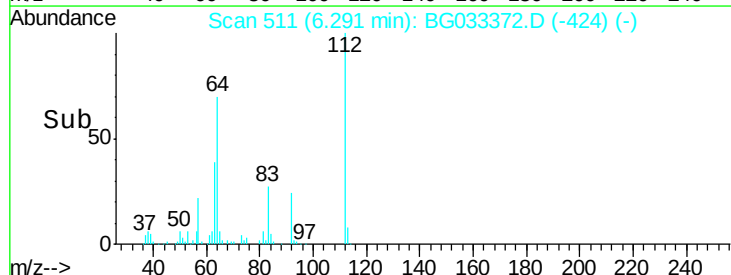
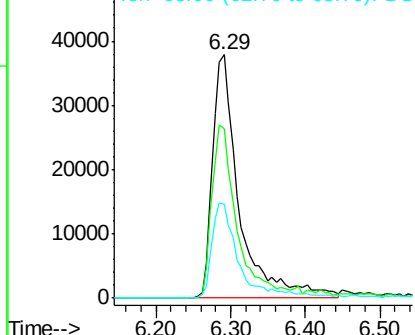
#5

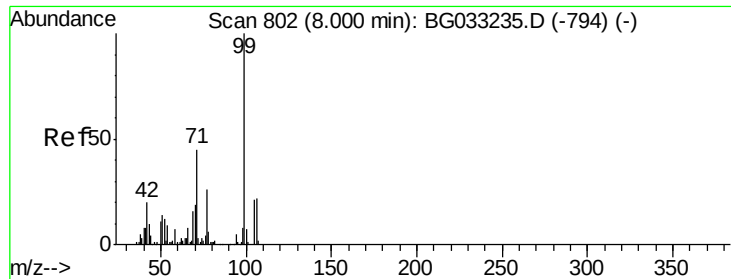
2-Fluorophenol
Concen: 44.569 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.02 min
Lab File: BG033372.D
Acq: 27 Mar 2018 21:28

Tgt Ion:112 Resp: 93758
Ion Ratio Lower Upper
112 100
64 69.8 56.3 84.5
63 38.6 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: 19.647 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033372.D

Acq: 27 Mar 2018 21:28

Instrument :

BNA_G

ClientSampleId :

032218-TIDO-F-U-S

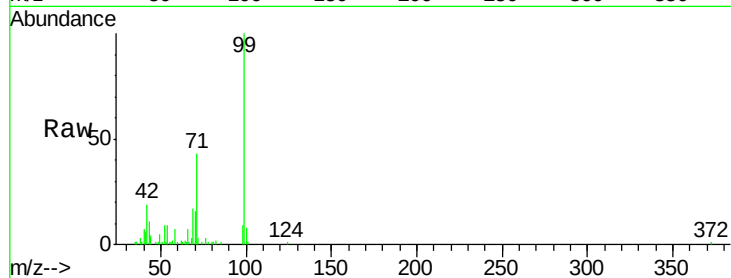
Tot Ion: 99 Resp: 71016

Ion Ratio Lower Upper

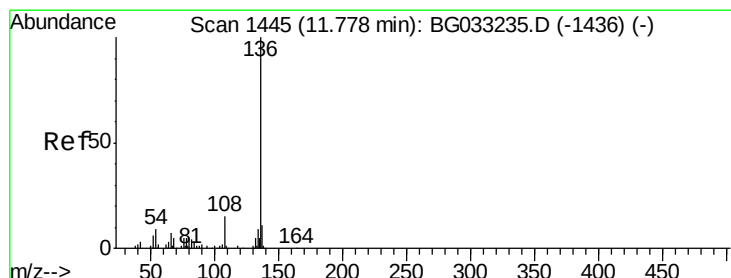
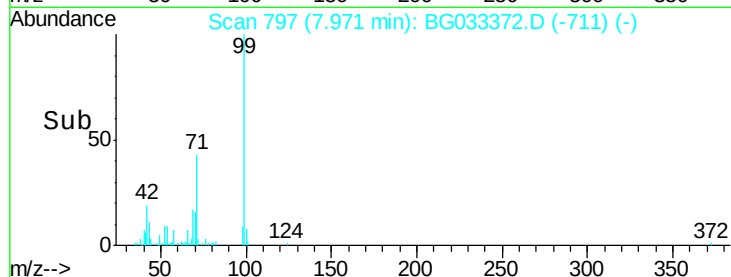
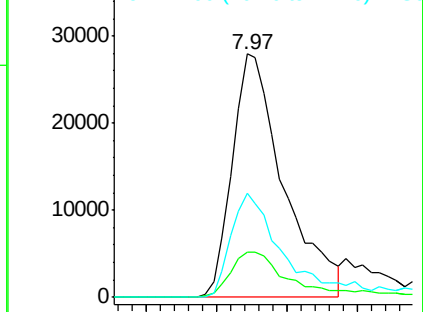
99 100

42 18.5 14.1 21.1

71 42.8 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: BG033372.D

Acq: 27 Mar 2018 21:28

Tgt Ion: 136 Resp: 161885

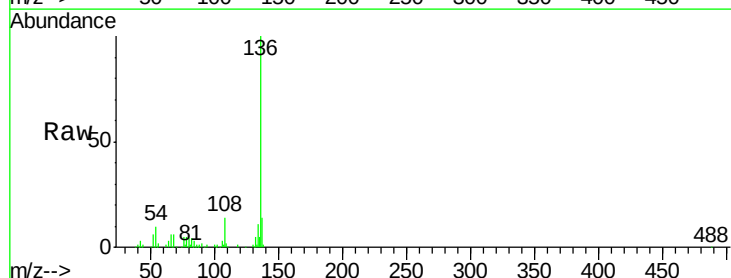
Ion Ratio Lower Upper

136 100

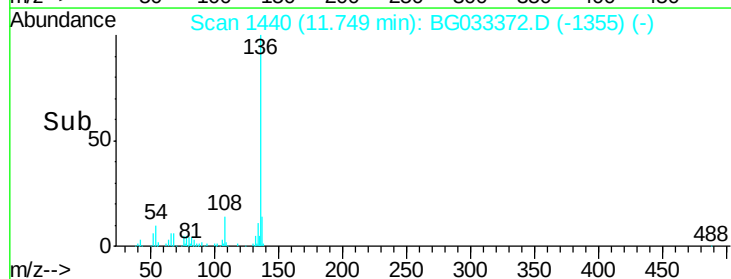
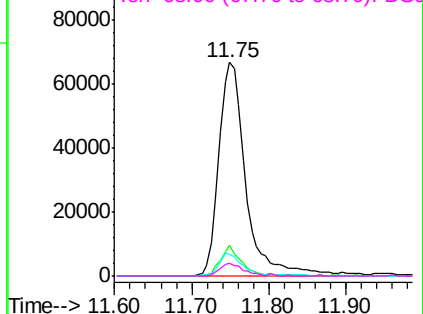
137 14.1 9.2 13.8#

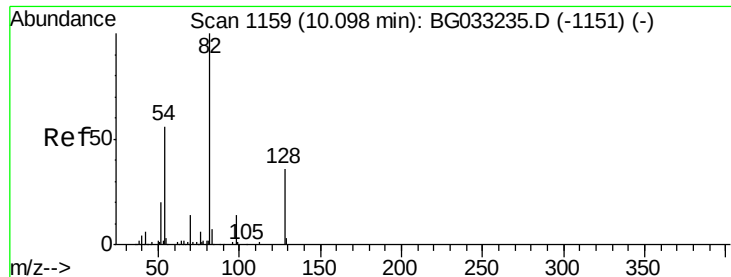
54 10.1 10.3 15.5#

68 6.2 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

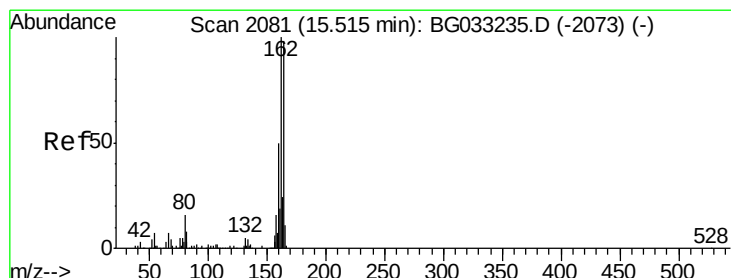
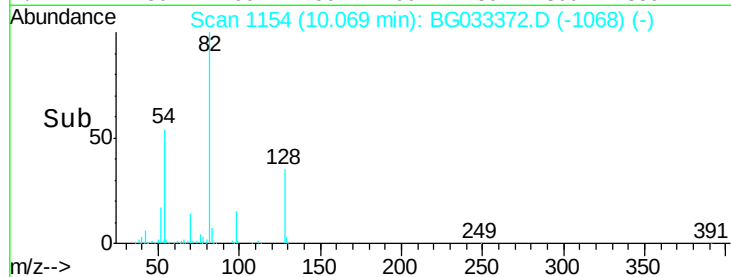
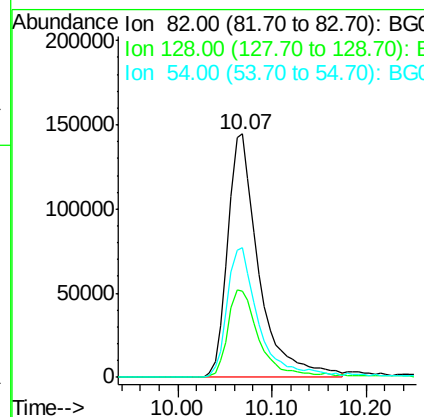
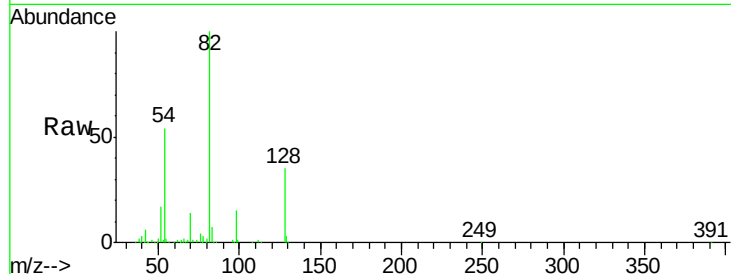




#23
 Nitrobenzene-d5
 Concen: 94.620 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.03 min
 Lab File: BG033372.D
 Acq: 27 Mar 2018 21:28

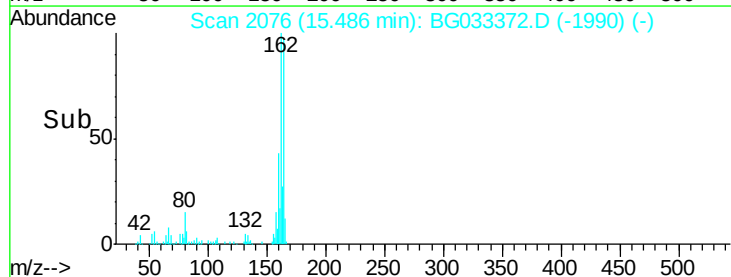
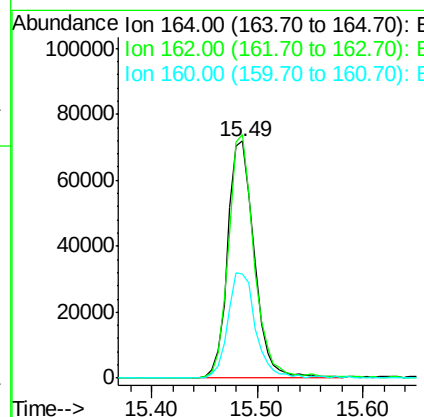
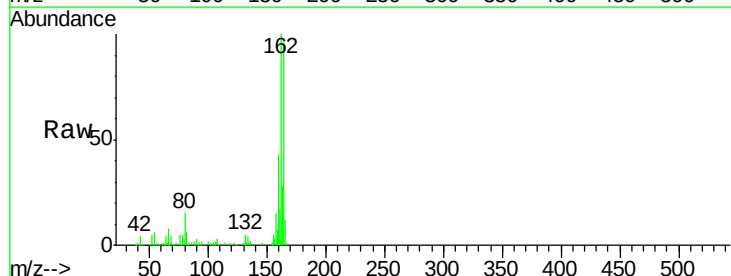
Instrument :
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 032218-TIDO-F-U-S

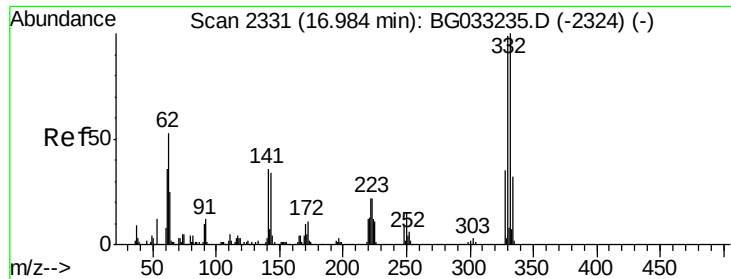
Tot Ion	82	Resp	333396
Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	53.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: BG033372.D
 Acq: 27 Mar 2018 21:28

Tgt Ion	164	Resp	125496
Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	44.1	35.4	53.0

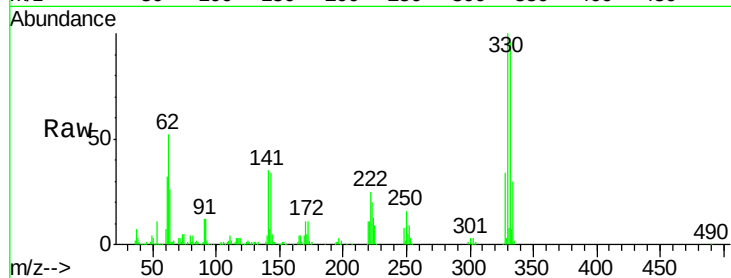




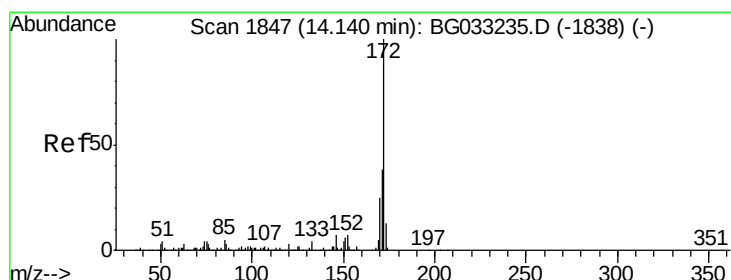
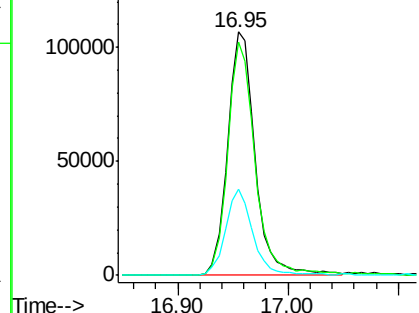
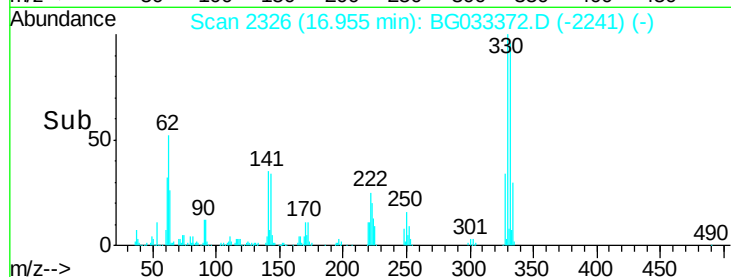
#41
 2,4,6-Tribromophenol
 Concen: 98.997 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033372.D
 Acq: 27 Mar 2018 21:28

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

Tot Ion:330 Resp: 185812
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 34.6 25.2 37.8

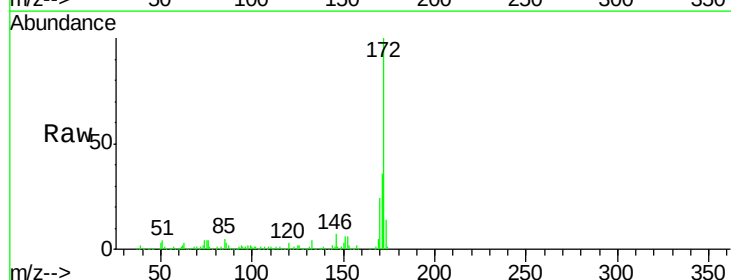


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

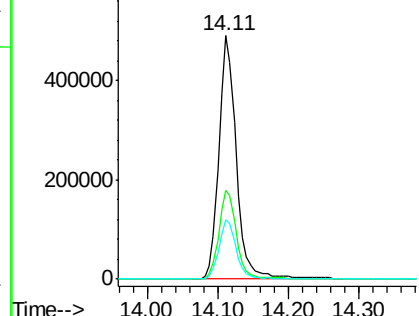
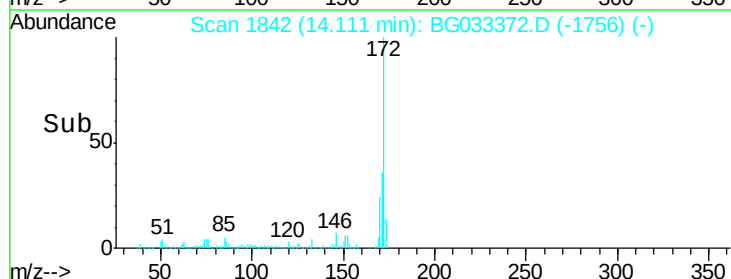


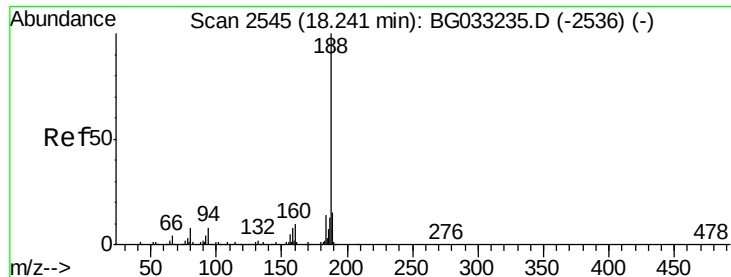
#44
 2-Fluorobiphenyl
 Concen: 97.199 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033372.D
 Acq: 27 Mar 2018 21:28

Tgt Ion:172 Resp: 844955
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.0 45.0
 170 24.4 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

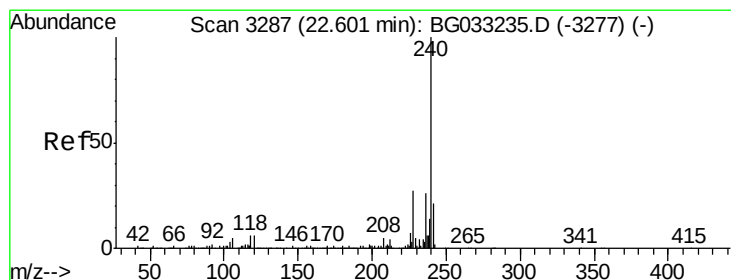
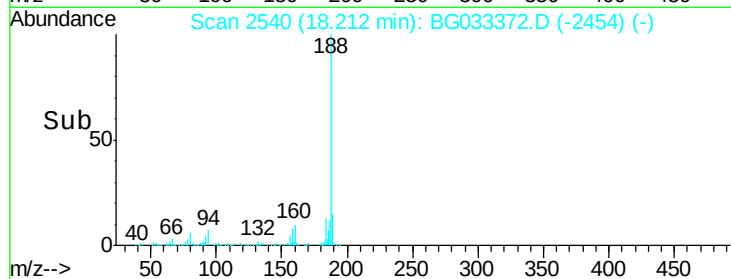
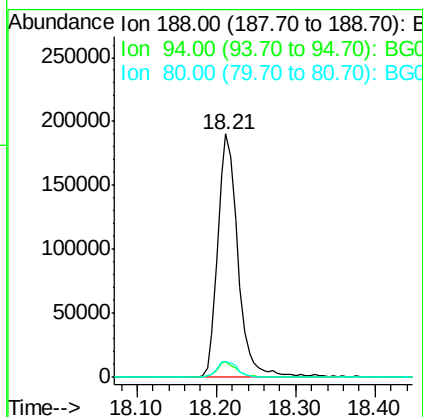
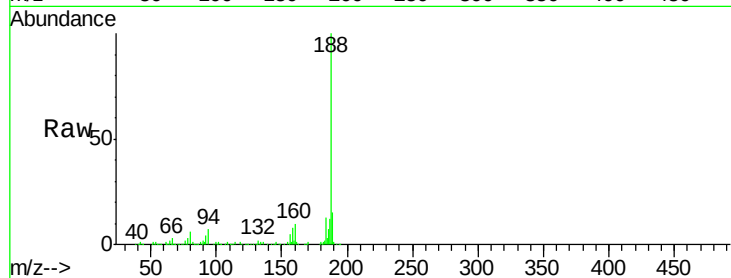




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BG033372.D
Acq: 27 Mar 2018 21:28

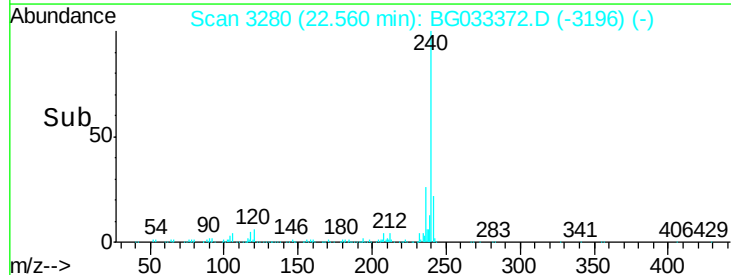
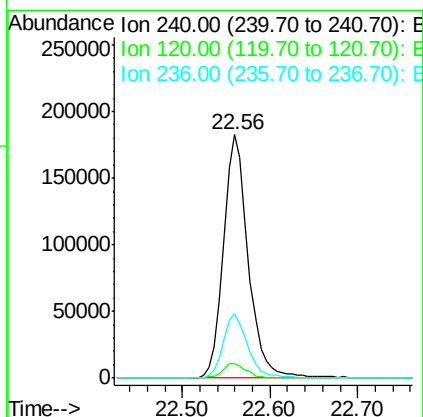
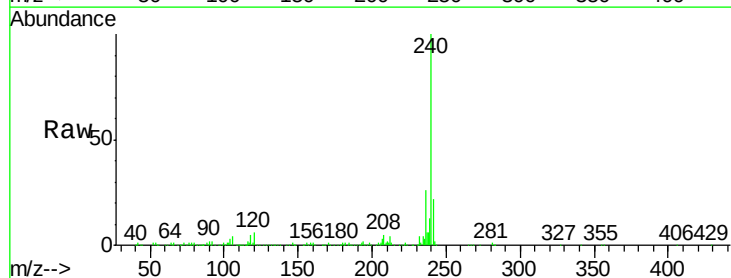
Instrument :
BNA_G
ClientSampleId :
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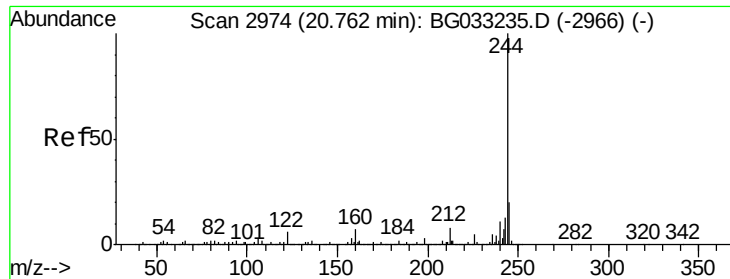
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	6.4	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.04 min
Lab File: BG033372.D
Acq: 27 Mar 2018 21:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	26.4	20.9	31.3





#78

Terphenyl-d14

Concen: 91.427 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.03 min

Lab File: BG033372.D

Acq: 27 Mar 2018 21:28

Instrument :

BNA_G

ClientSampleId :

032218-TIDO-F-U-S

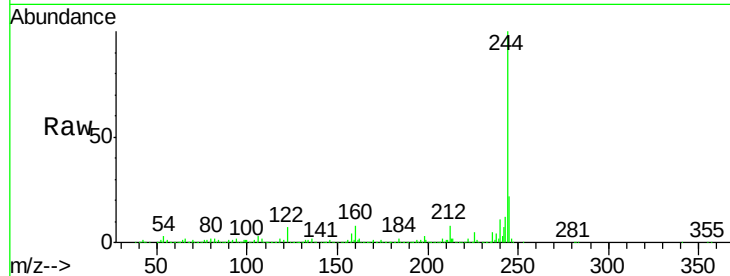
Tot Ion:244 Resp: 1516082

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

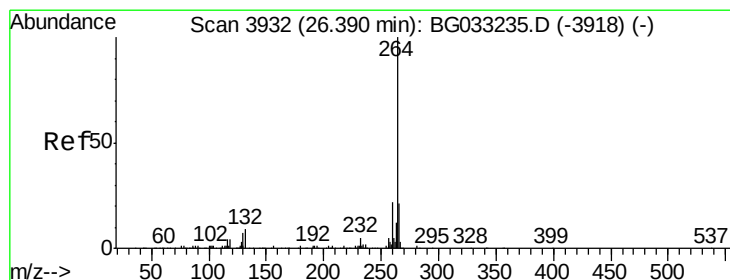
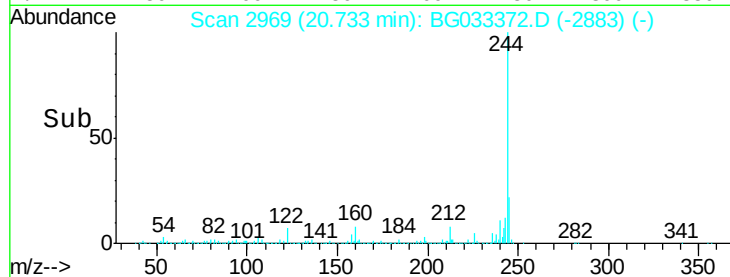
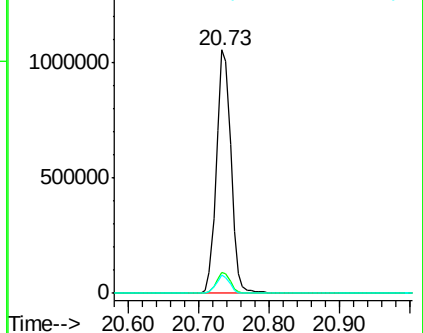
122 7.4 7.0 10.4



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# 3922

Delta R.T. -0.06 min

Lab File: BG033372.D

Acq: 27 Mar 2018 21:28

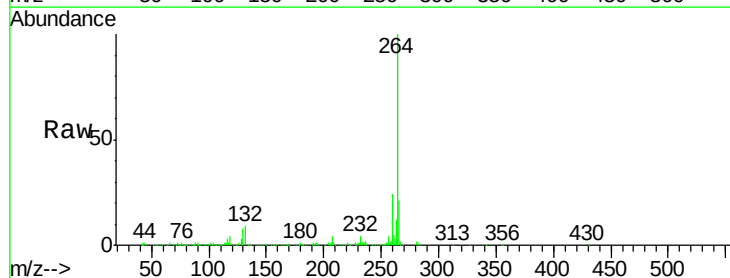
Tgt Ion:264 Resp: 382953

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 20.7 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

