

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033972.D
 Acq On : 25 Apr 2018 3:42
 Operator : SJ/JU
 Sample : J2151-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-042318-C

Quant Time: Apr 25 11:58:29 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	77925	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	320341	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	197930	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	504066	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	565630	20.00	ng	-0.02
86) Perylene-d12	24.52	264	578414	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	635664	130.24	ng	0.00
7) Phenol-d6	7.00	99	755227	106.09	ng	0.00
23) Nitrobenzene-d5	8.98	82	580112	103.06	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	383186	165.94	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1370591	101.72	ng	-0.02
78) Terphenyl-d14	19.85	244	2356026	93.58	ng	-0.01

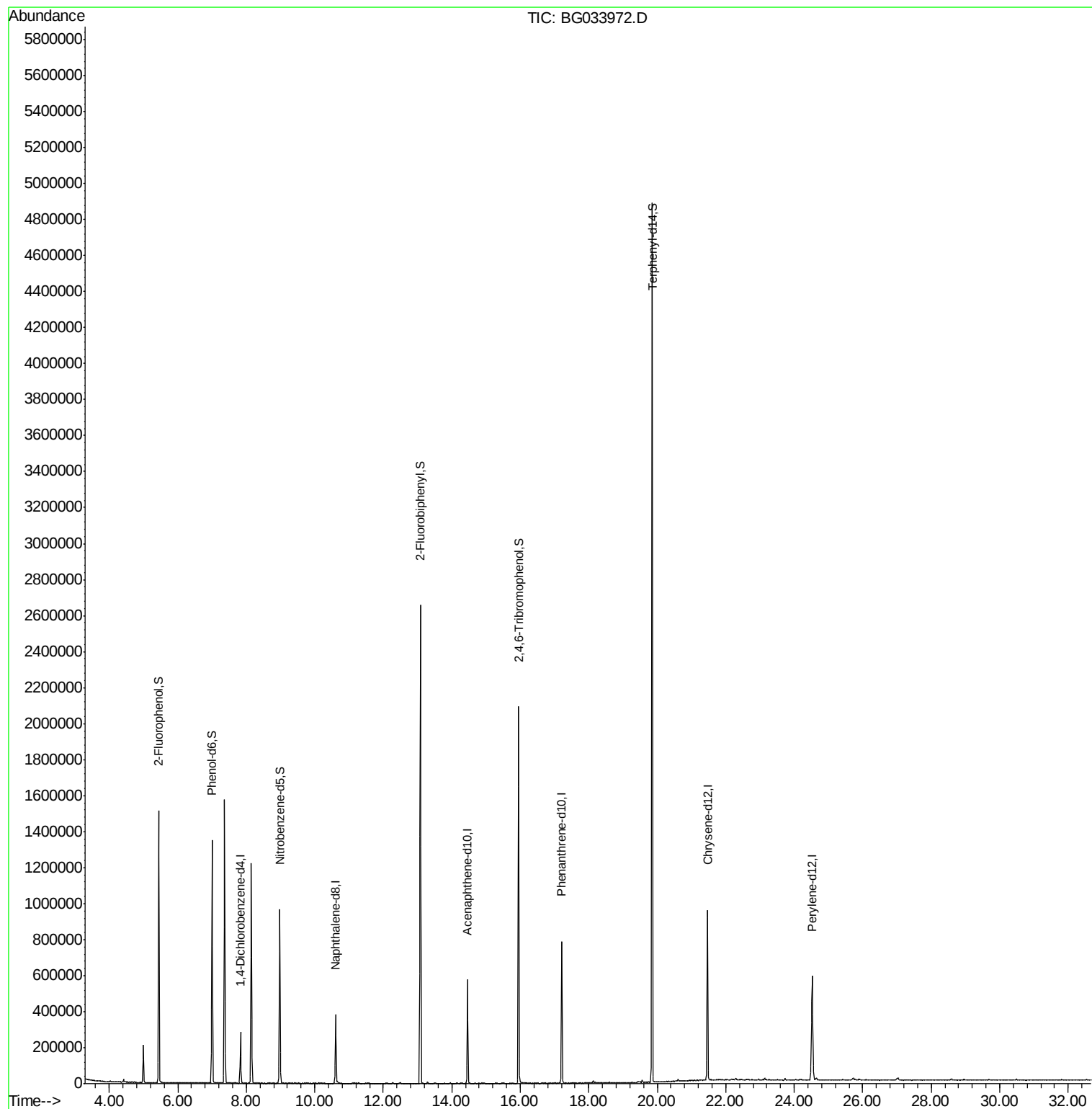
Target Compounds Qvalue

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

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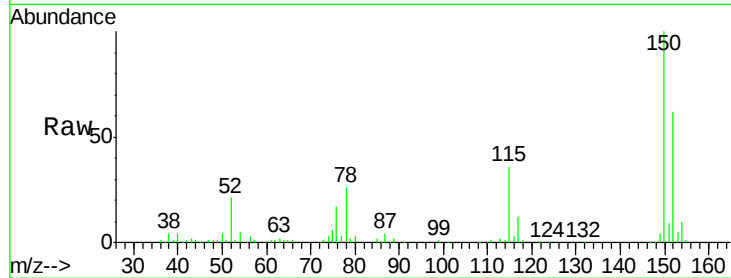




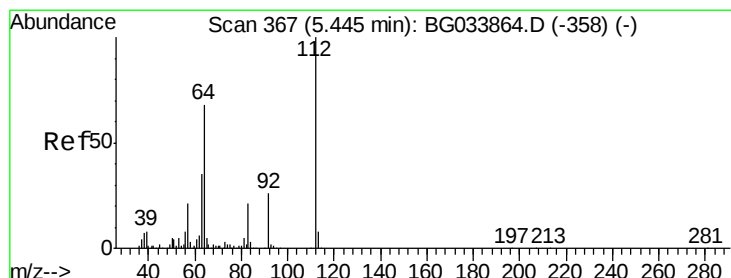
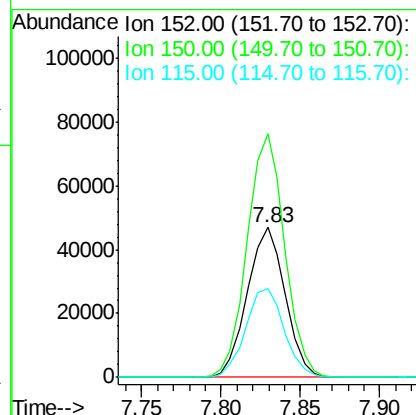
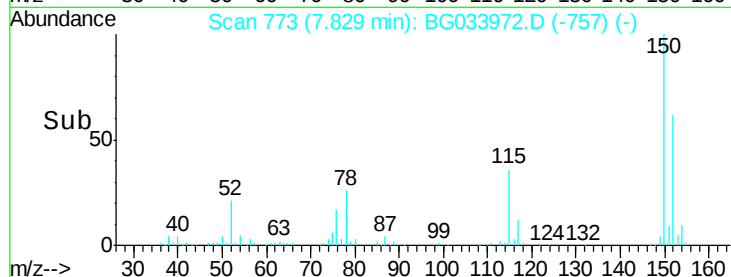
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BG033972.D
 Acq: 25 Apr 2018 3:42

Instrument :
 BNA_G
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 AU-05-042318-C

Tot Ion:152 Resp: 77925
 Ion Ratio Lower Upper
 152 100
 150 162.2 126.6 189.8
 115 58.8 53.0 79.4

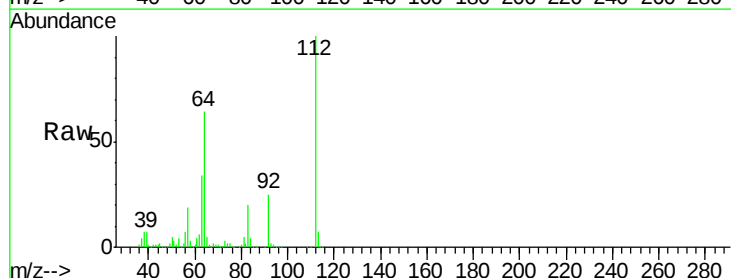


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

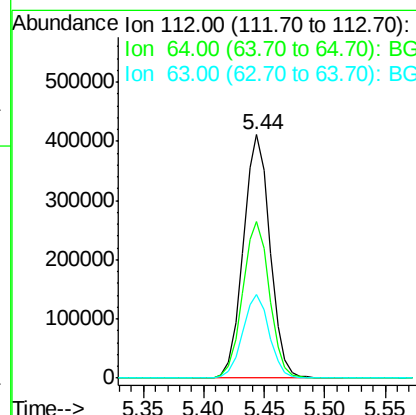
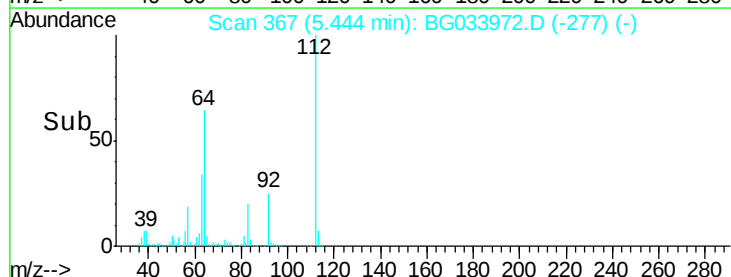


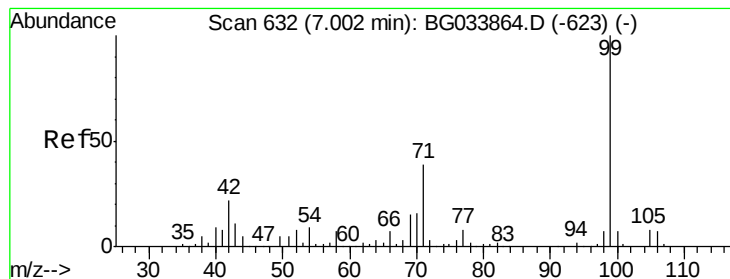
#5
 2-Fluorophenol
 Concen: 130.235 ng
 RT: 5.44 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: BG033972.D
 Acq: 25 Apr 2018 3:42

Tgt Ion:112 Resp: 635664
 Ion Ratio Lower Upper
 112 100
 64 64.5 56.3 84.5
 63 34.4 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: 106.085 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033972.D

Acq: 25 Apr 2018 3:42

Instrument :

BNA_G

ClientSampleId :

AU-05-042318-C

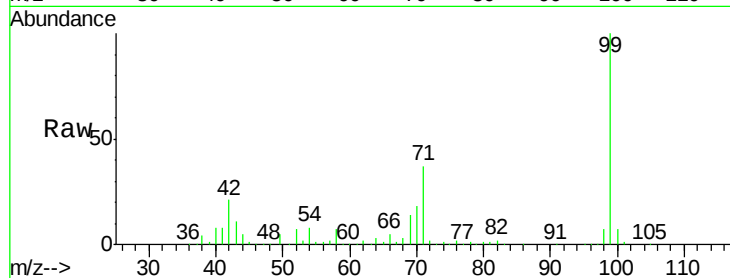
Tot Ion: 99 Resp: 755227

Ion Ratio Lower Upper

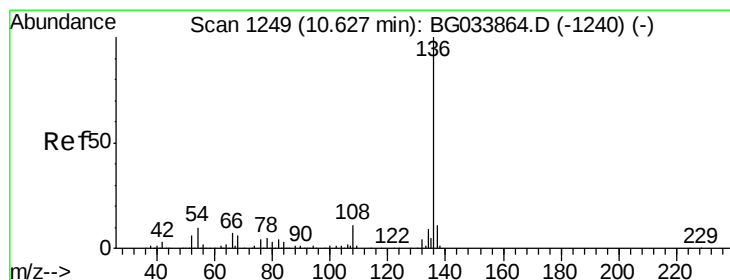
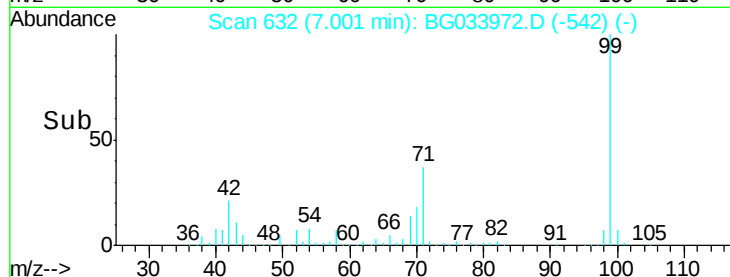
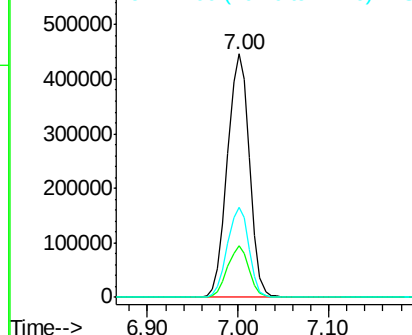
99 100

42 21.3 14.1 21.1#

71 37.1 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: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033972.D

Acq: 25 Apr 2018 3:42

Tgt Ion: 136 Resp: 320341

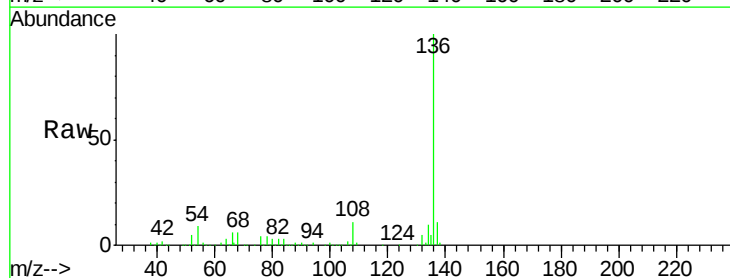
Ion Ratio Lower Upper

136 100

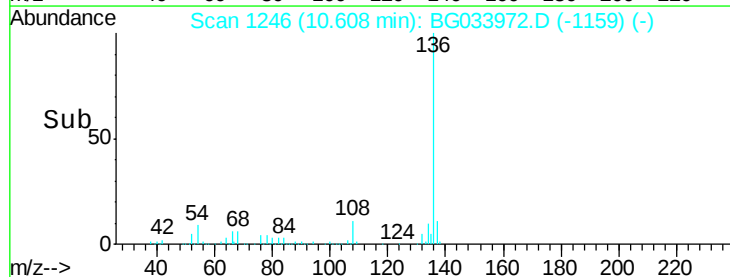
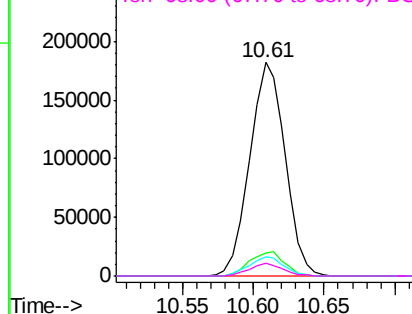
137 11.0 9.2 13.8

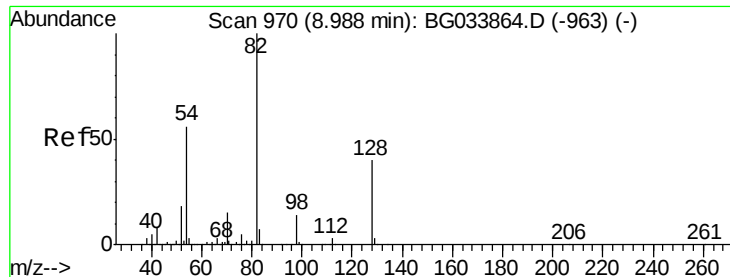
54 8.8 10.3 15.5#

68 5.9 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

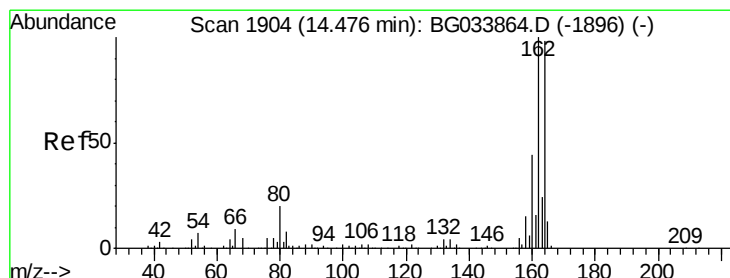
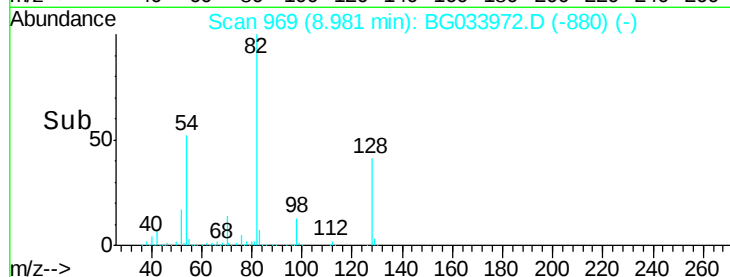
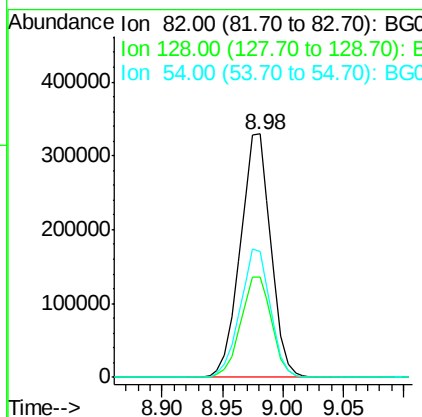
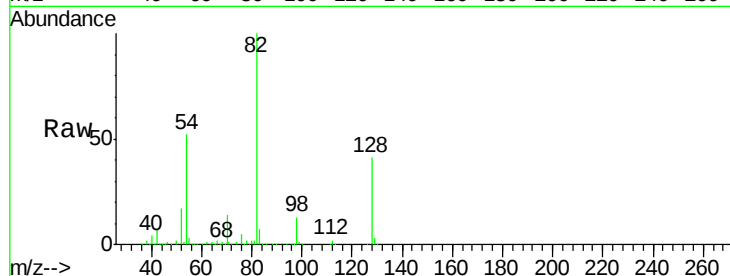




#23
 Nitrobenzene-d5
 Concen: 103.059 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033972.D
 Acq: 25 Apr 2018 3:42

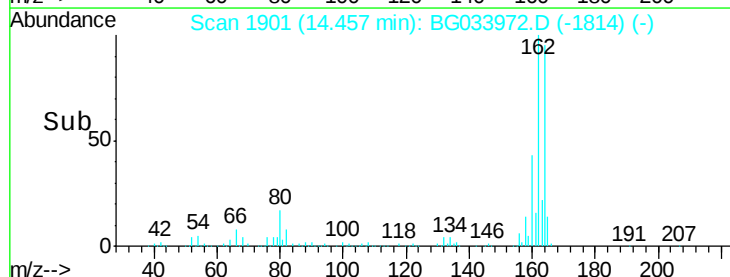
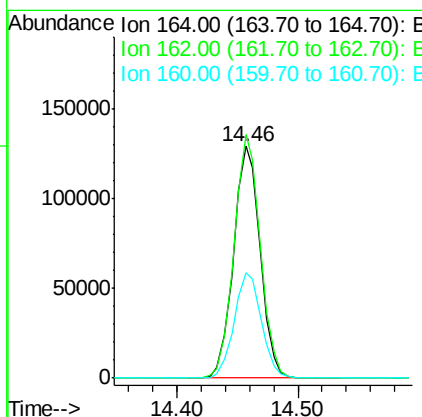
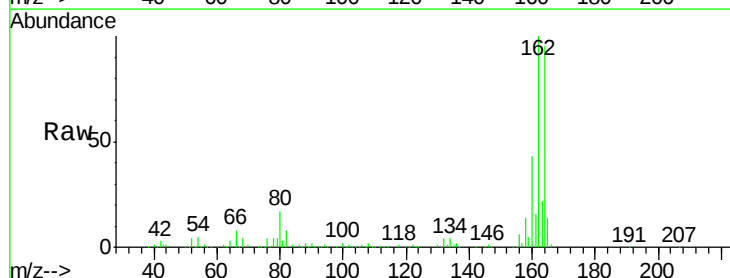
Instrument :
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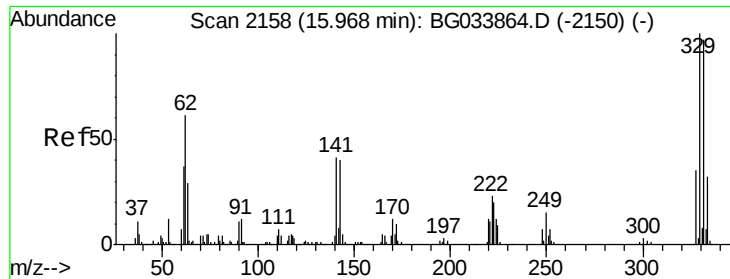
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	29.7	44.5
54	51.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033972.D
 Acq: 25 Apr 2018 3:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.8	118.2
160	45.5	35.4	53.0

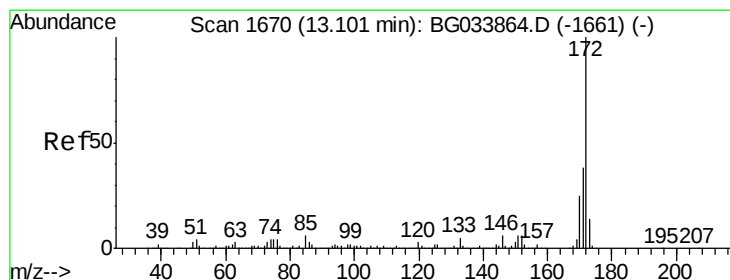
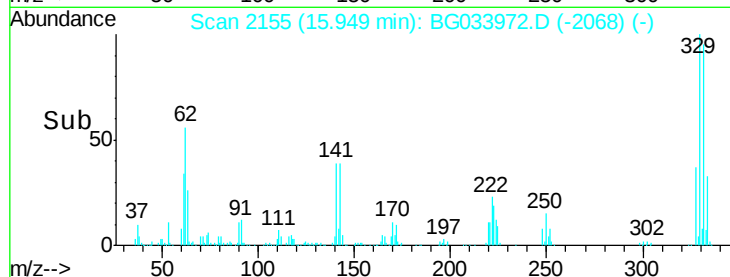
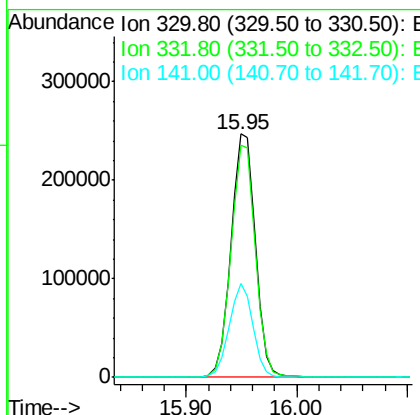
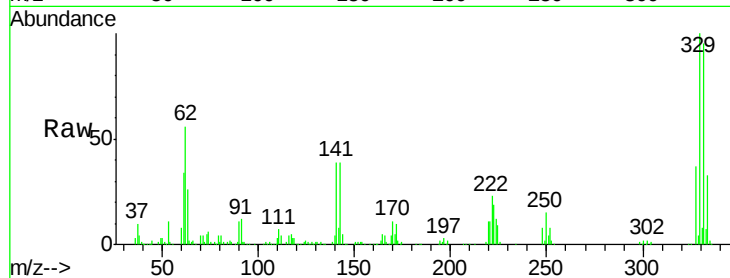




#41
 2,4,6-Tribromophenol
 Concen: 165.941 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033972.D
 Acq: 25 Apr 2018 3:42

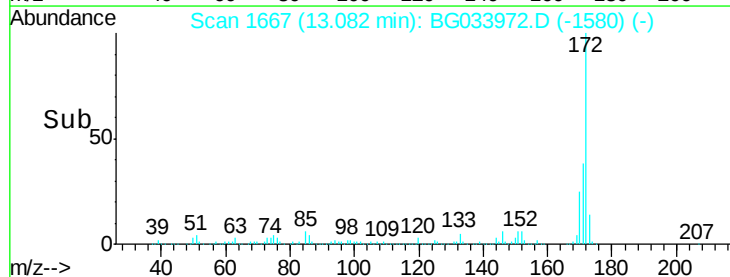
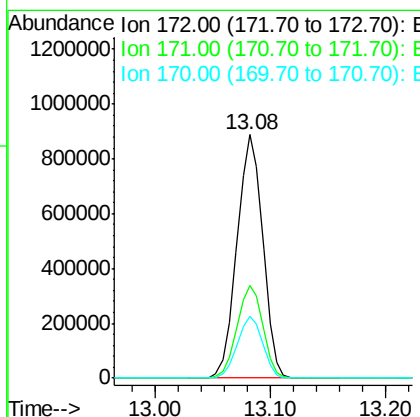
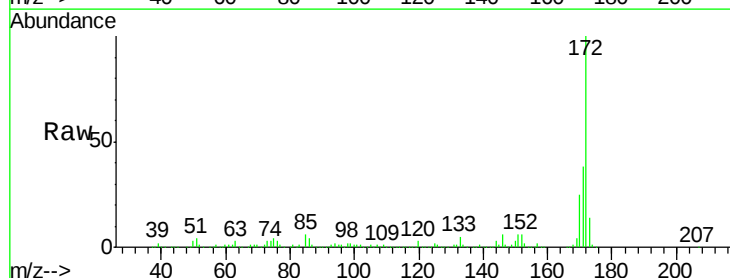
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-042318-C

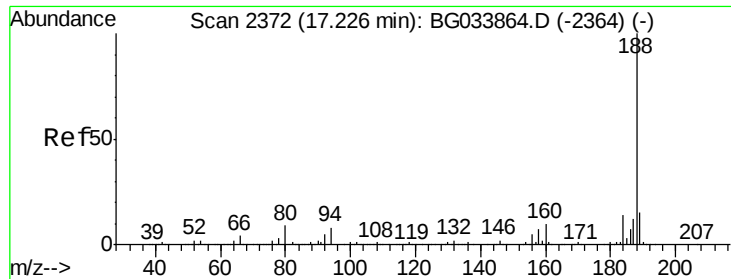
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	37.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 101.724 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033972.D
 Acq: 25 Apr 2018 3:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	25.2	19.5	29.3

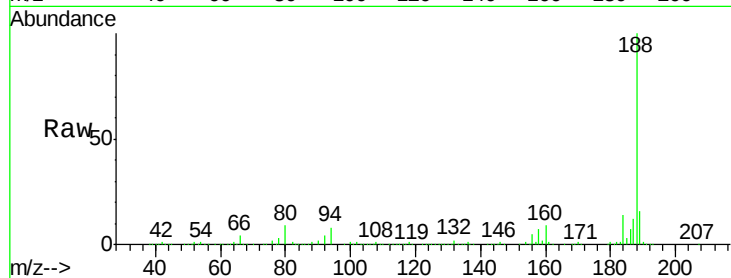




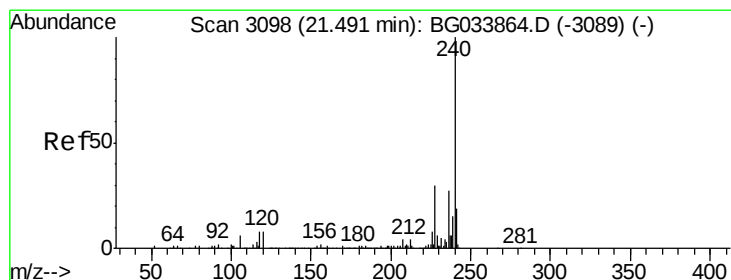
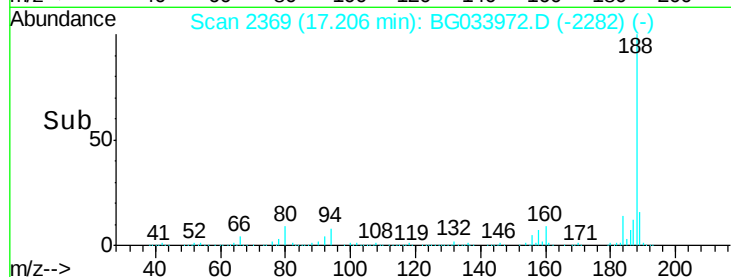
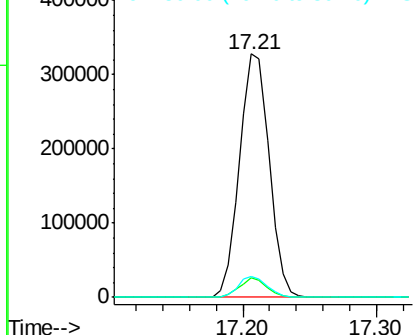
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Instrument :
BNA_G
ClientSampleId :
AU-05-042318-C

Tot Ion:188 Resp: 504066
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 8.7 7.7 11.5

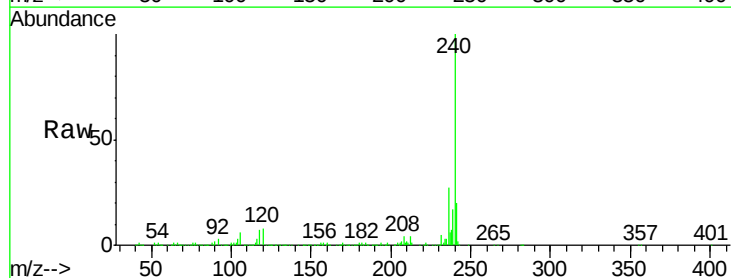


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

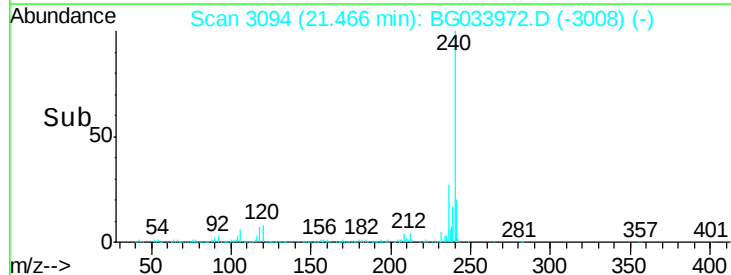
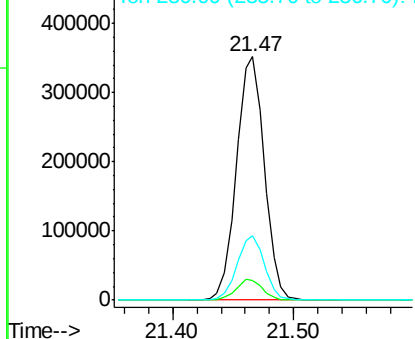


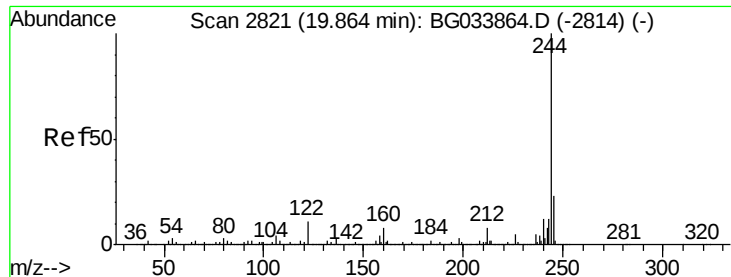
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Tgt Ion:240 Resp: 565630
Ion Ratio Lower Upper
240 100
120 8.1 6.8 10.2
236 26.6 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: 93.579 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033972.D

Acq: 25 Apr 2018 3:42

Instrument :

BNA_G

ClientSampleId :

AU-05-042318-C

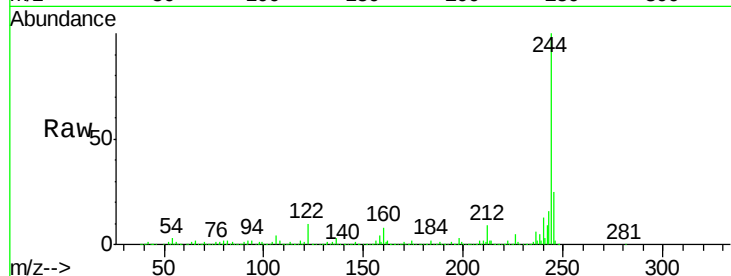
Tot Ion:244 Resp: 2356026

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

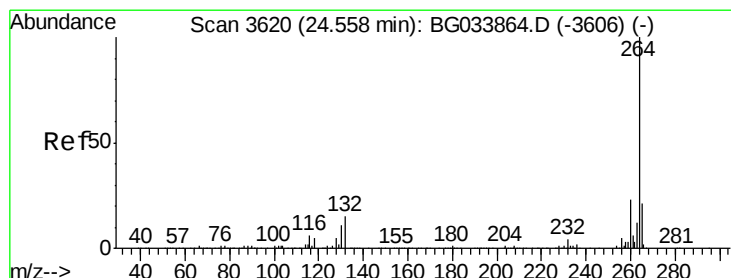
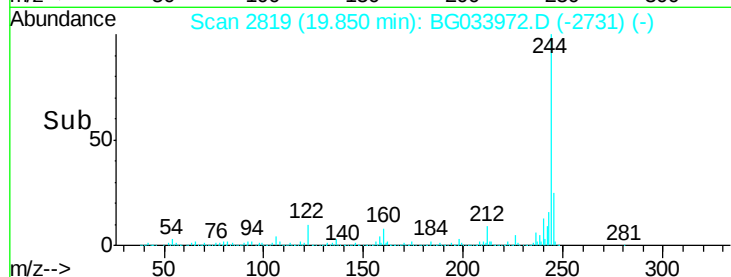
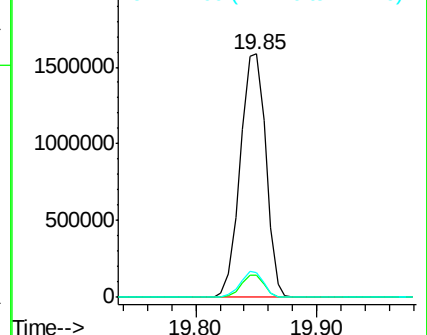
122 10.4 7.0 10.4



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: 24.52 min Scan# 3614

Delta R.T. -0.04 min

Lab File: BG033972.D

Acq: 25 Apr 2018 3:42

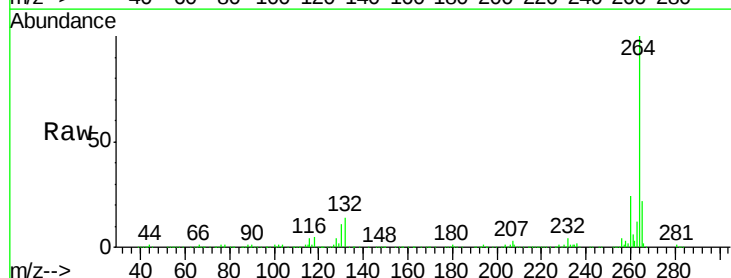
Tgt Ion:264 Resp: 578414

Ion Ratio Lower Upper

264 100

260 23.5 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

