

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033947.D
 Acq On : 24 Apr 2018 8:38
 Operator : SJ/JU
 Sample : PB108487BL
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108487BL

Quant Time: Apr 24 12:24:31 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	61073	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	258136	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	171052	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	482853	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	558024	20.00	ng	-0.03
86) Perylene-d12	24.53	264	547898	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	533788	139.54	ng	0.00
7) Phenol-d6	7.00	99	697731	125.05	ng	0.00
23) Nitrobenzene-d5	8.97	82	416258	91.77	ng	-0.02
41) 2,4,6-Tribromophenol	15.95	330	274013	137.31	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1063963	91.37	ng	-0.02
78) Terphenyl-d14	19.85	244	2121823	85.42	ng	-0.02

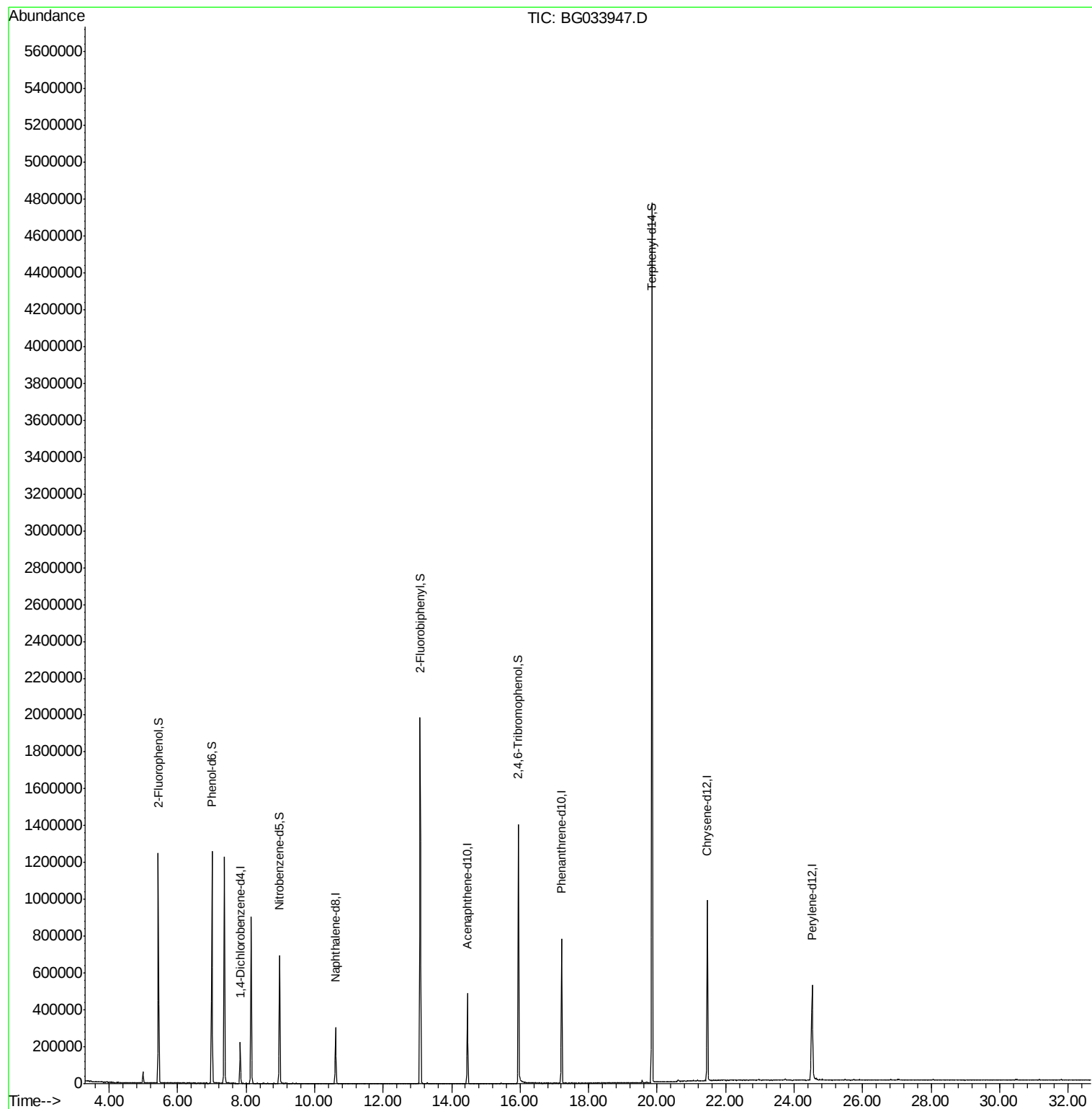
Target Compounds Qvalue

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

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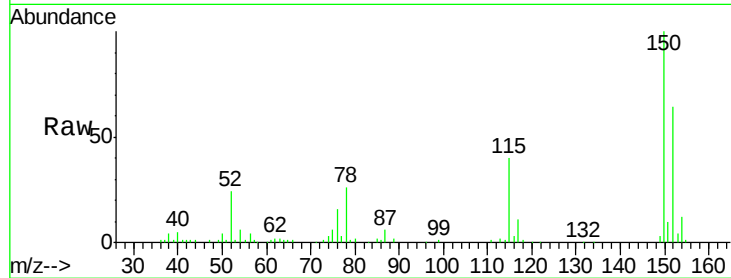


#1

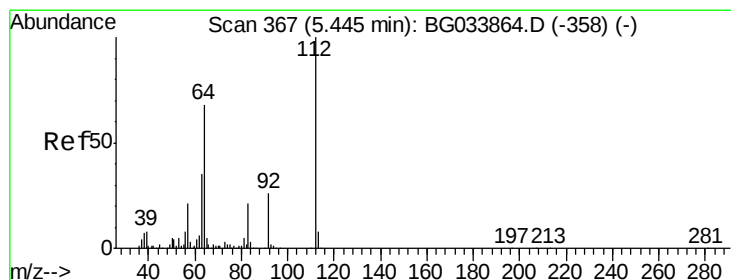
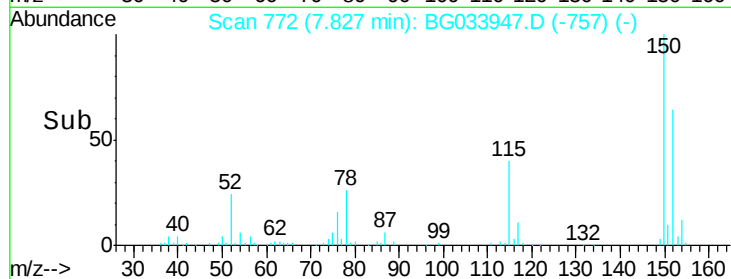
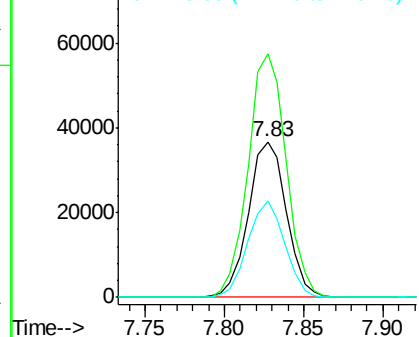
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BG033947.D
 Acq: 24 Apr 2018 8:38

Instrument :
 BNA_G
 ClientSampleId :
 PB108487BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.6	189.8
115	62.5	53.0	79.4



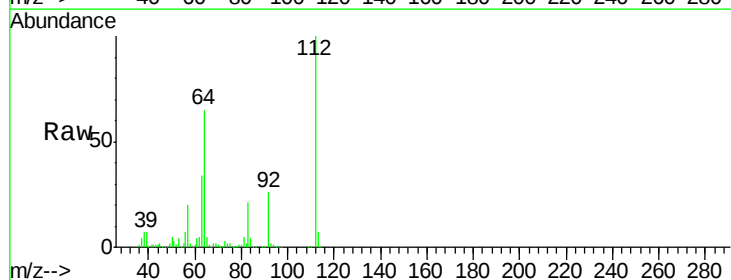
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



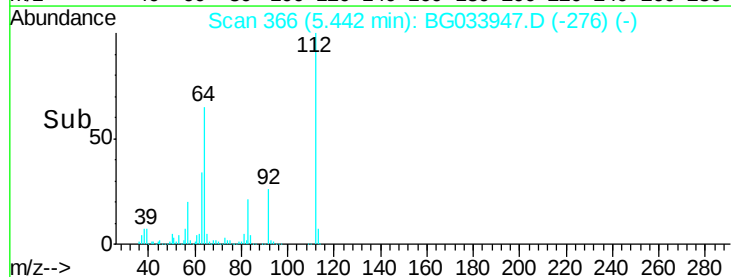
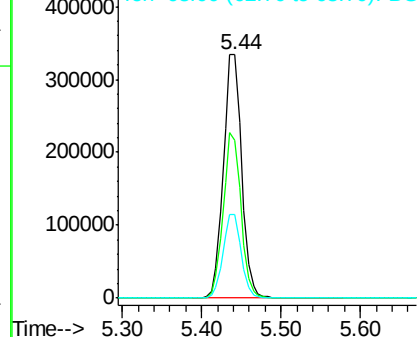
#5

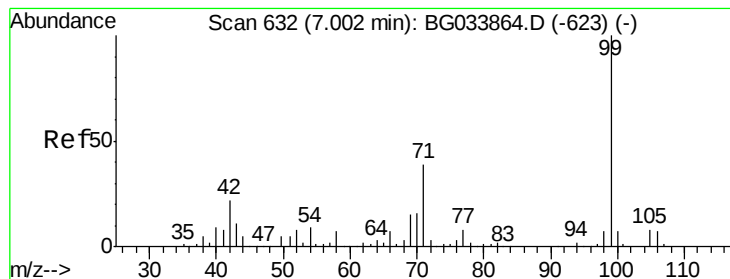
2-Fluorophenol
 Concen: 139.540 ng
 RT: 5.44 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: BG033947.D
 Acq: 24 Apr 2018 8:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	56.3	84.5
63	34.1	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: 125.053 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.00 min

Lab File: BG033947.D

Acq: 24 Apr 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PB108487BL

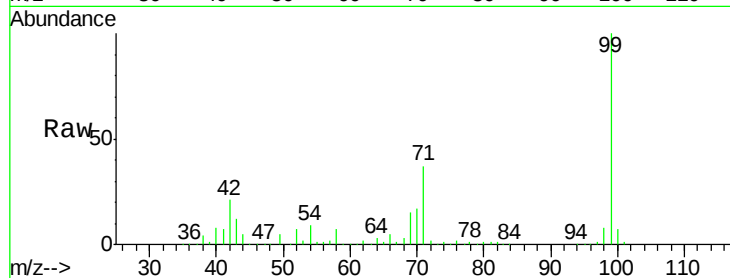
Tot Ion: 99 Resp: 697731

Ion Ratio Lower Upper

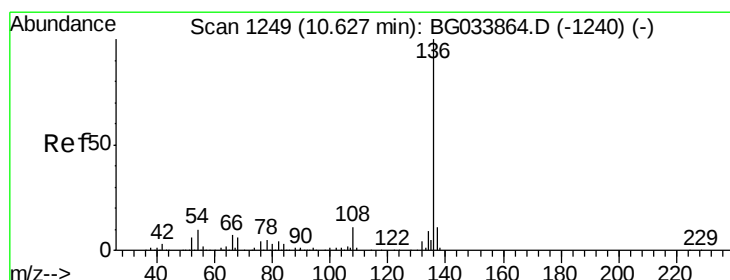
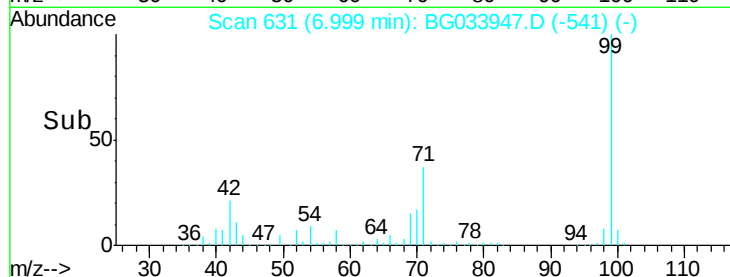
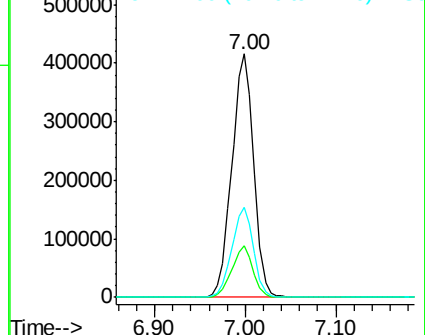
99 100

42 21.0 14.1 21.1

71 36.9 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: BG033947.D

Acq: 24 Apr 2018 8:38

Tgt Ion: 136 Resp: 258136

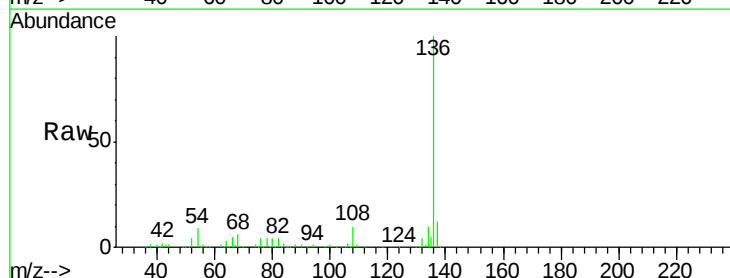
Ion Ratio Lower Upper

136 100

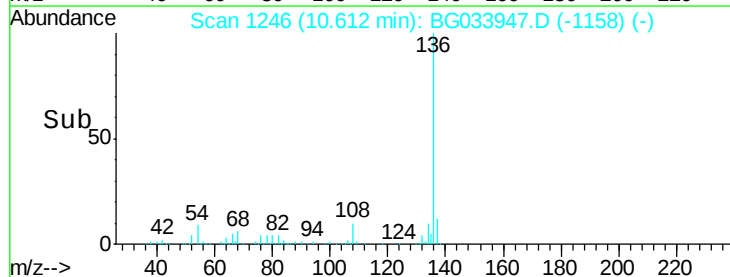
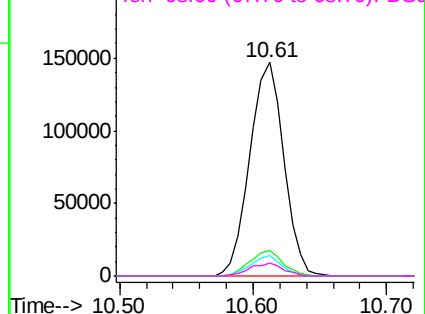
137 11.8 9.2 13.8

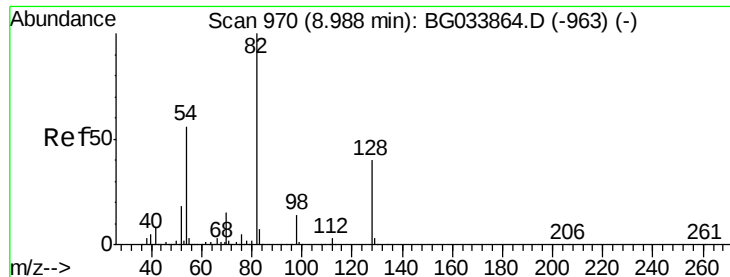
54 9.4 10.3 15.5#

68 6.3 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: 91.770 ng

RT: 8.97 min Scan# 967

Delta R.T. -0.02 min

Lab File: BG033947.D

Acq: 24 Apr 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PB108487BL

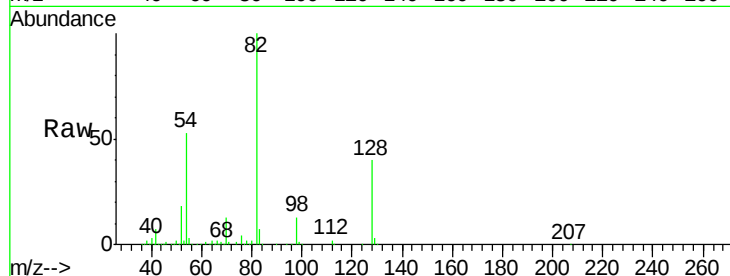
Tot Ion: 82 Resp: 416258

Ion Ratio Lower Upper

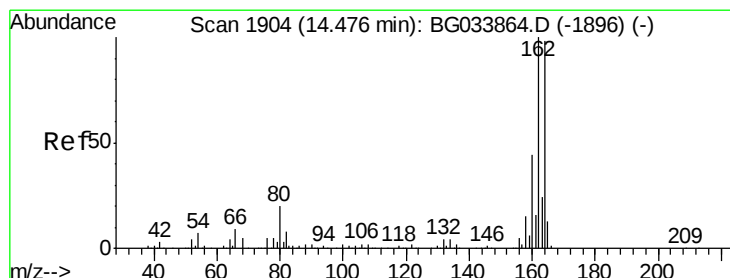
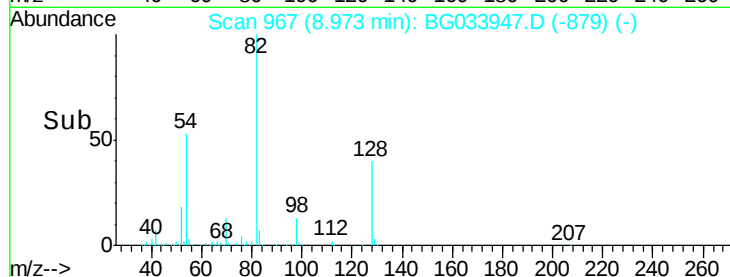
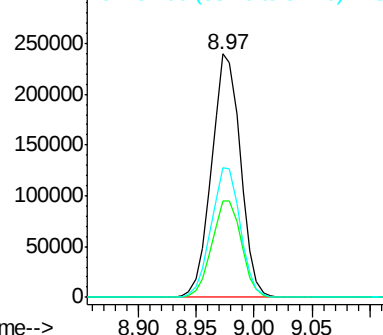
82 100

128 39.7 29.7 44.5

54 53.4 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: 14.46 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BG033947.D

Acq: 24 Apr 2018 8:38

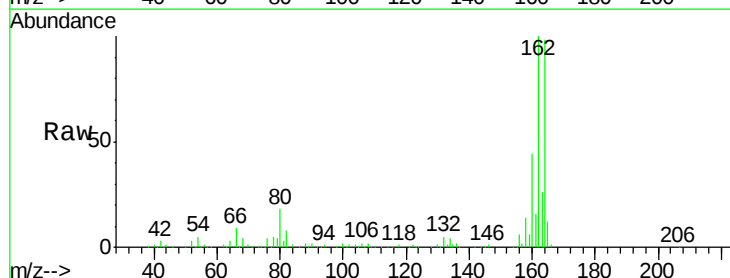
Tgt Ion: 164 Resp: 171052

Ion Ratio Lower Upper

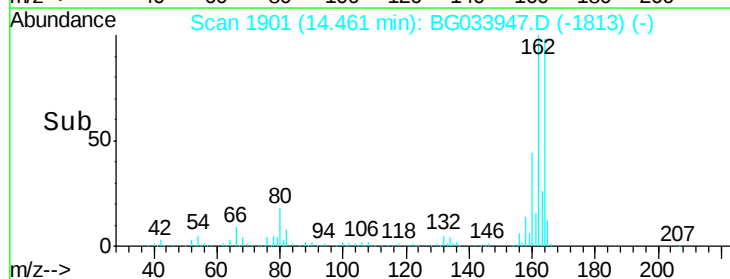
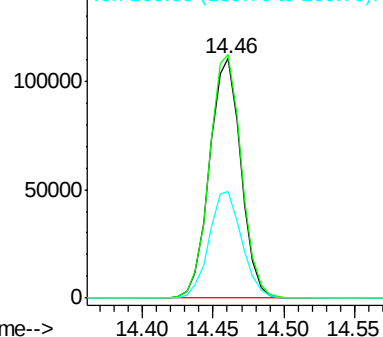
164 100

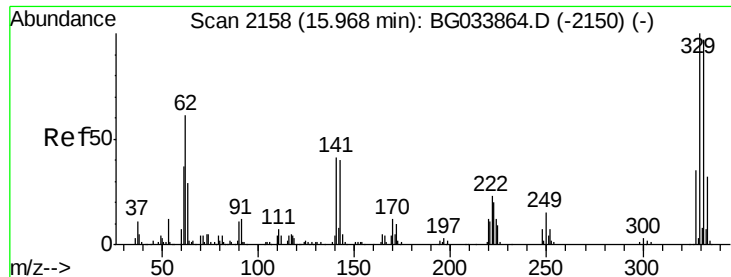
162 101.7 78.8 118.2

160 44.5 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

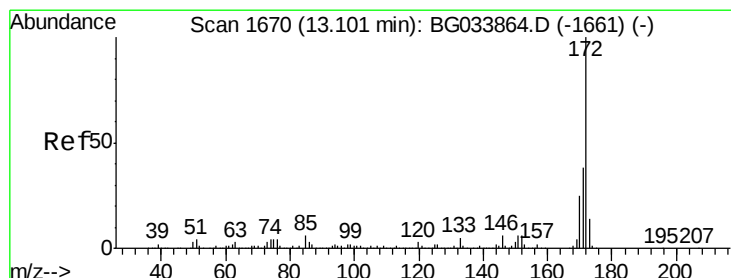
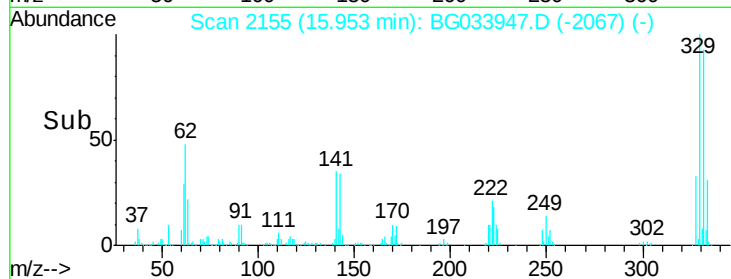
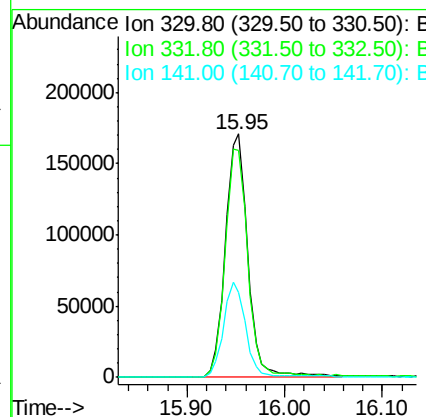
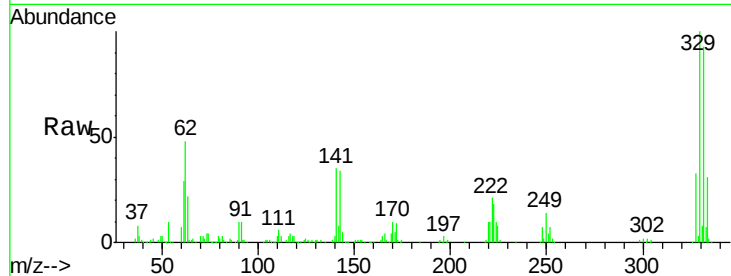




#41
 2,4,6-Tribromophenol
 Concen: 137.309 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033947.D
 Acq: 24 Apr 2018 8:38

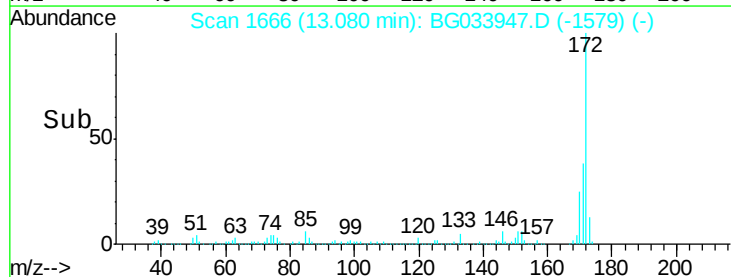
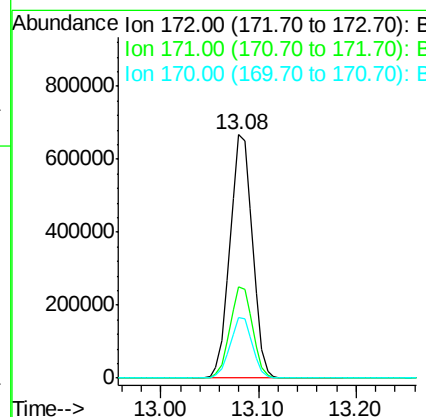
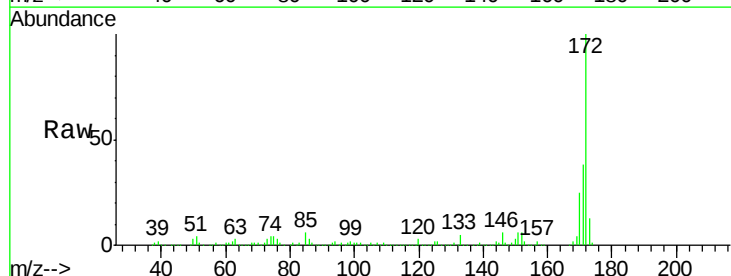
Instrument :
 BNA_G
 ClientSampleId :
 PB108487BL

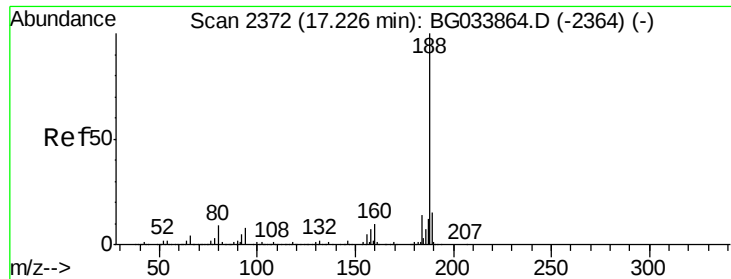
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	38.5	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 91.375 ng
 RT: 13.08 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BG033947.D
 Acq: 24 Apr 2018 8:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	25.0	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: BG033947.D

Acq: 24 Apr 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PB108487BL

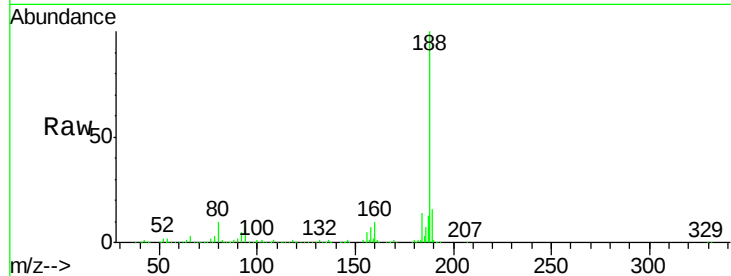
Tot Ion:188 Resp: 482853

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

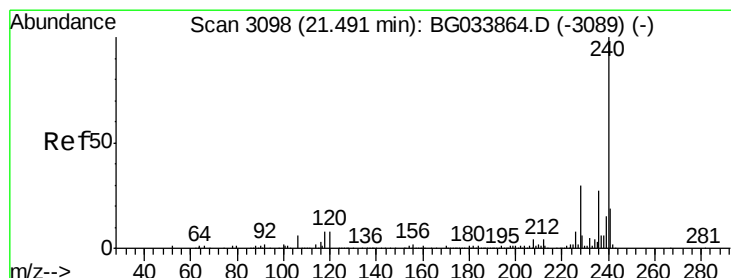
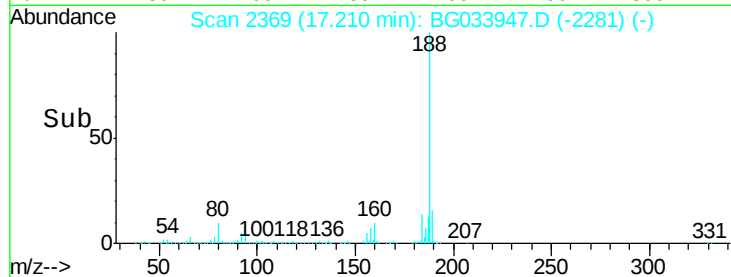
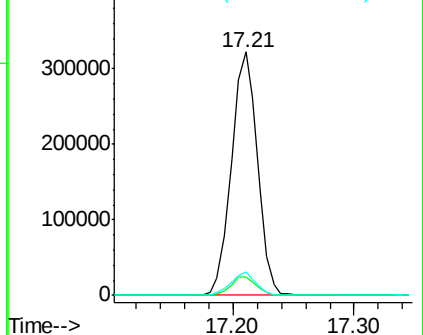
80 9.5 7.7 11.5



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: 21.46 min Scan# 3093

Delta R.T. -0.03 min

Lab File: BG033947.D

Acq: 24 Apr 2018 8:38

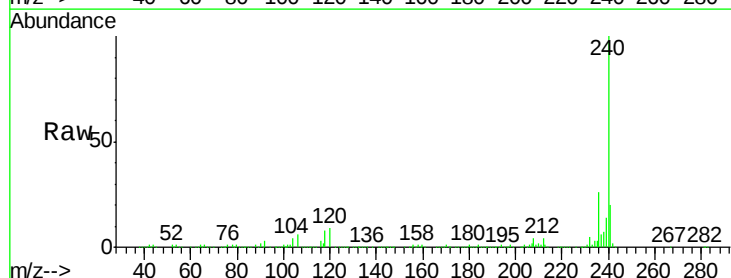
Tgt Ion:240 Resp: 558024

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

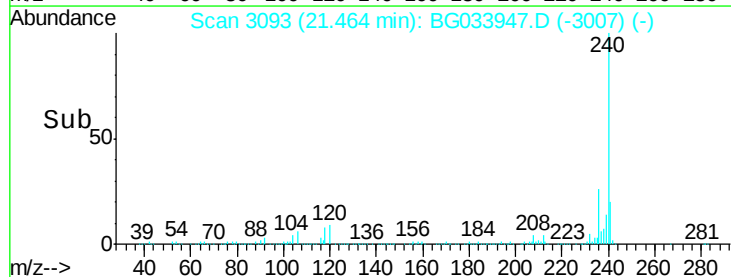
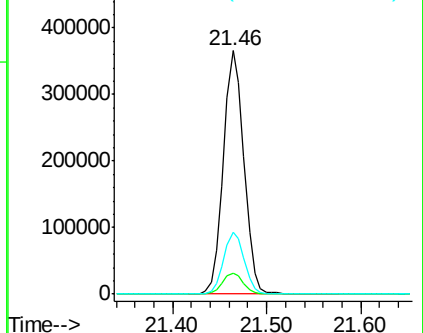
236 25.6 20.9 31.3

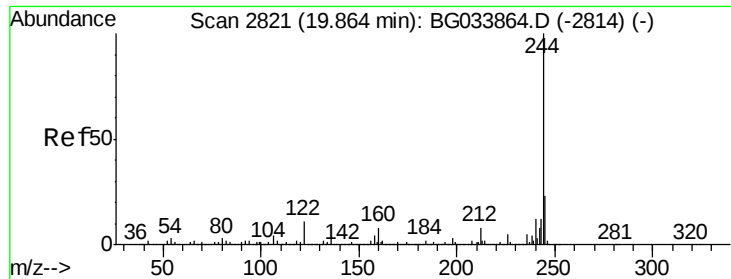


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.425 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033947.D

Acq: 24 Apr 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PB108487BL

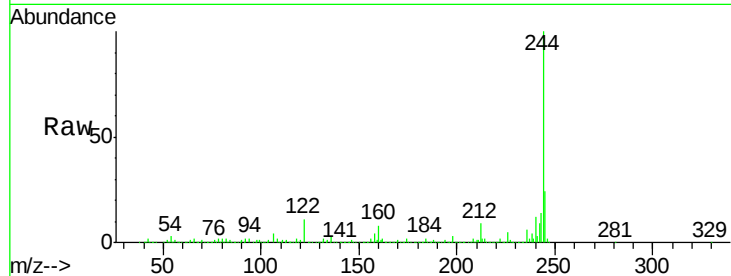
Tot Ion:244 Resp: 2121823

Ion Ratio Lower Upper

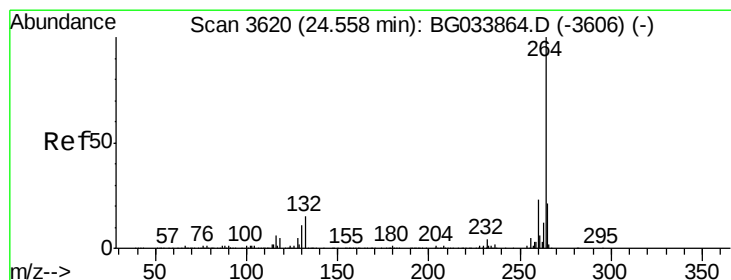
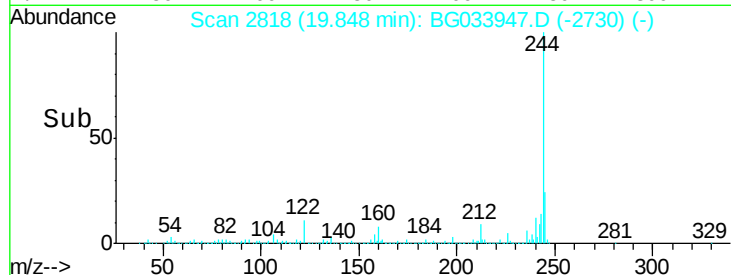
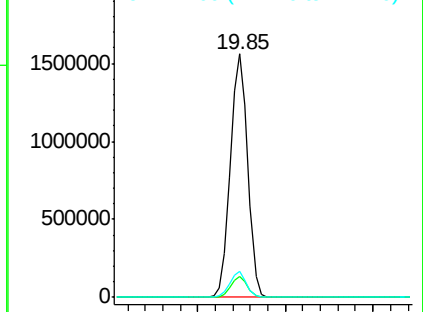
244 100

212 8.8 5.8 8.8#

122 10.7 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: 24.53 min Scan# 3614

Delta R.T. -0.03 min

Lab File: BG033947.D

Acq: 24 Apr 2018 8:38

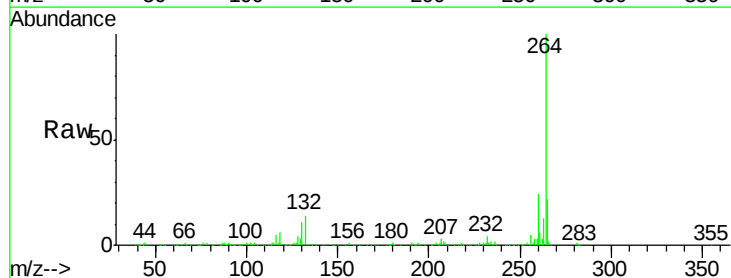
Tgt Ion:264 Resp: 547898

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 22.5 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

