

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042618\
 Data File : BG034019.D
 Acq On : 26 Apr 2018 20:08
 Operator : SJ/JU
 Sample : J2531-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 042318-DBRI-E-U-B

Quant Time: Apr 27 04:47:09 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	7.82	152	63638	20.00	ng	-0.02
21) Naphthalene-d8	10.60	136	292519	20.00	ng	-0.03
38) Acenaphthene-d10	14.44	164	213115	20.00	ng	-0.03
63) Phenanthrene-d10	17.20	188	599955	20.00	ng	-0.03
75) Chrysene-d12	21.45	240	638453	20.00	ng	-0.04
86) Perylene-d12	24.51	264	605057	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	139185	34.92	ng	0.00
7) Phenol-d6	7.02	99	85903	14.78	ng	0.02
23) Nitrobenzene-d5	8.97	82	469175	91.28	ng	-0.02
41) 2,4,6-Tribromophenol	15.94	330	269789	108.51	ng	-0.03
44) 2-Fluorobiphenyl	13.07	172	1411002	97.26	ng	-0.03
78) Terphenyl-d14	19.84	244	2556849	89.97	ng	-0.03

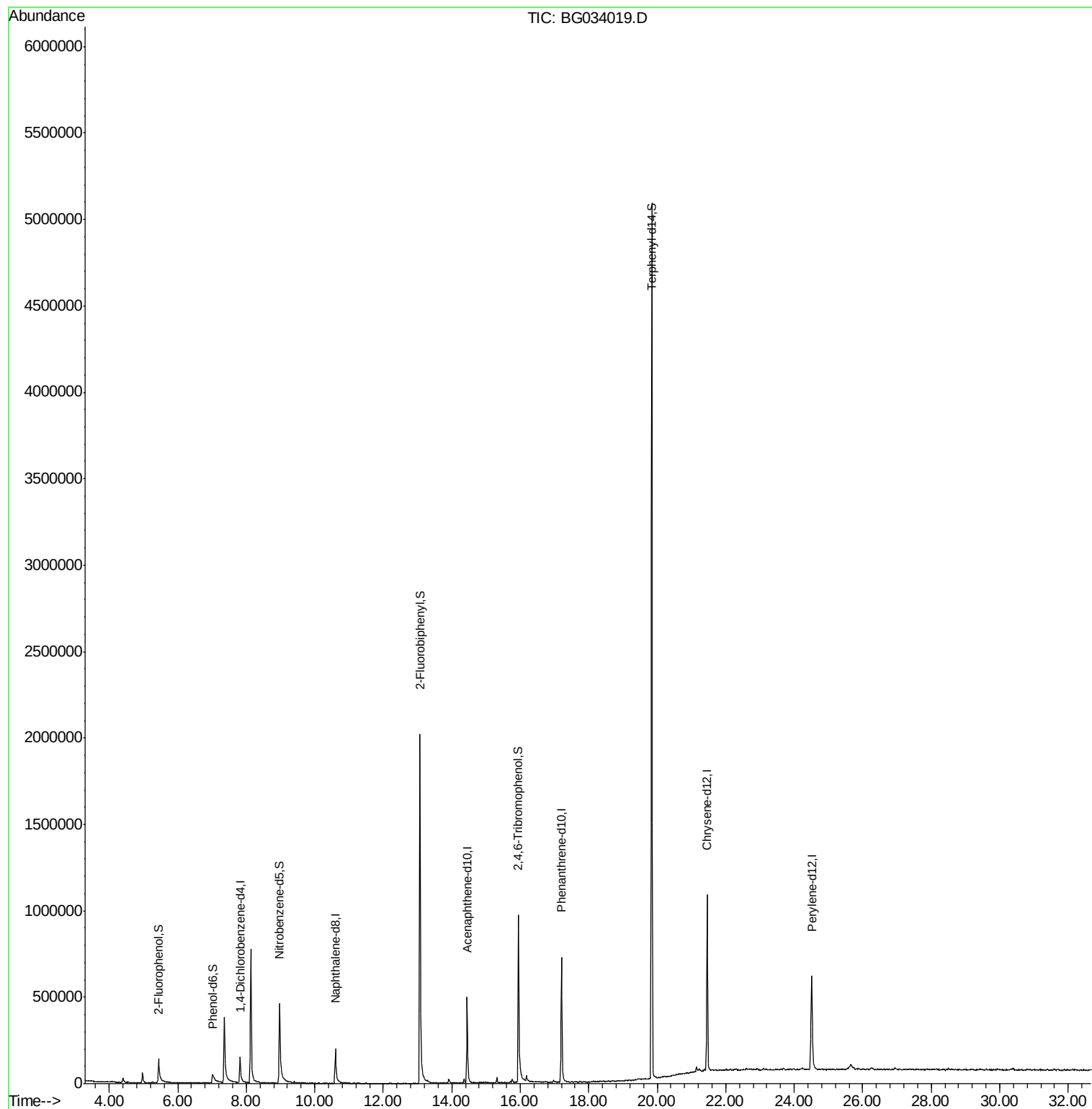
Target Compounds Qvalue

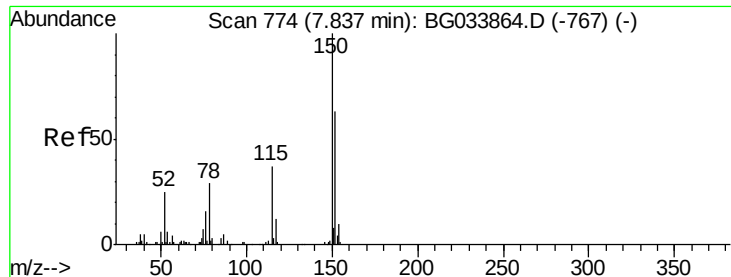
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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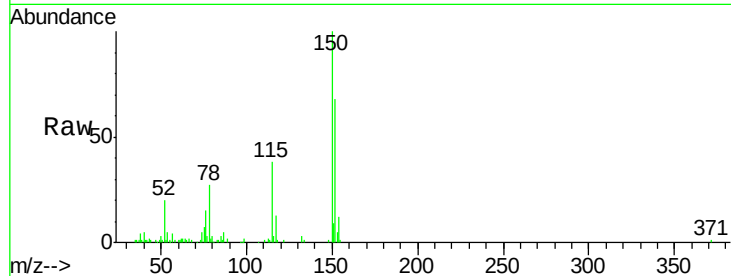


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 771
Delta R.T. -0.02 min
Lab File: BG034019.D
Acq: 26 Apr 2018 20:08

Instrument :
BNA_G
ClientSampleId :
042318-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	126.6	189.8
115	55.5	53.0	79.4

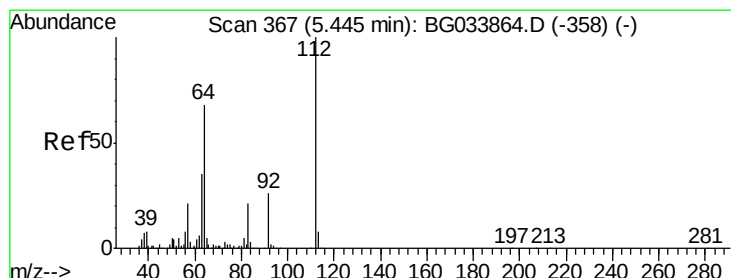
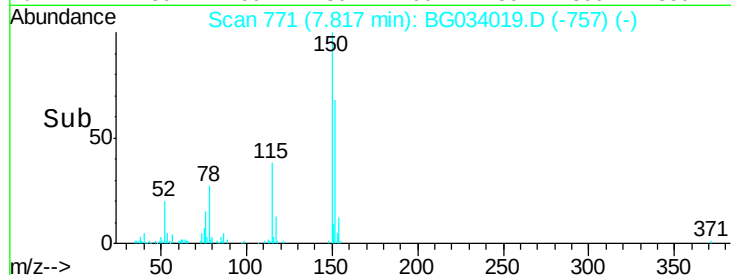
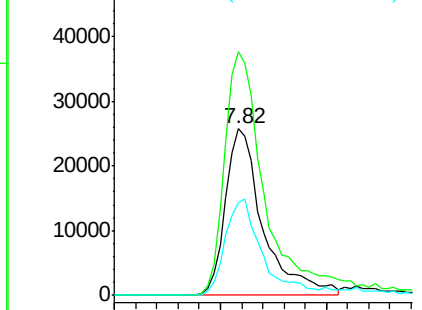


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

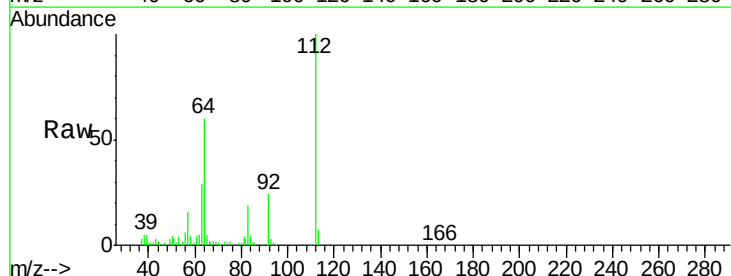
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.918 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG034019.D
Acq: 26 Apr 2018 20:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	56.3	84.5
63	29.1	30.1	45.1#

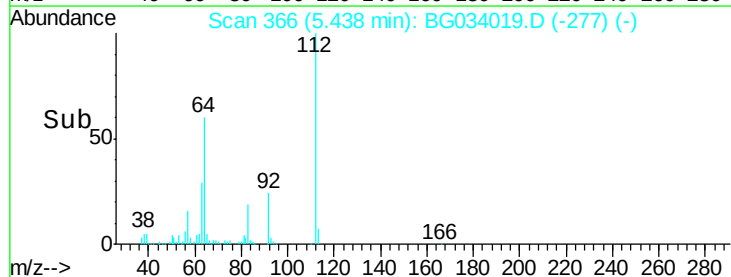
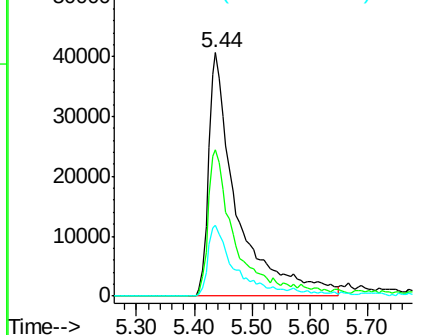


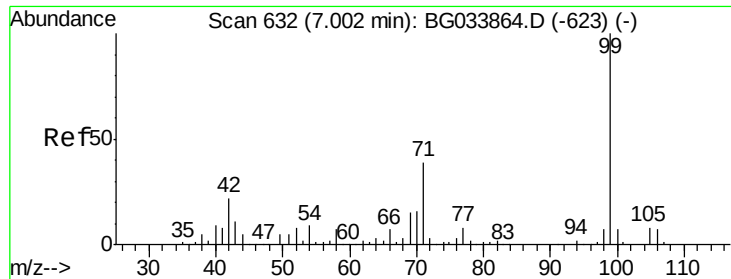
Abundance

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: 14.776 ng

RT: 7.02 min Scan# 635

Delta R.T. 0.02 min

Lab File: BG034019.D

Acq: 26 Apr 2018 20:08

Instrument :

BNA_G

ClientSampleId :

042318-DBRI-E-U-B

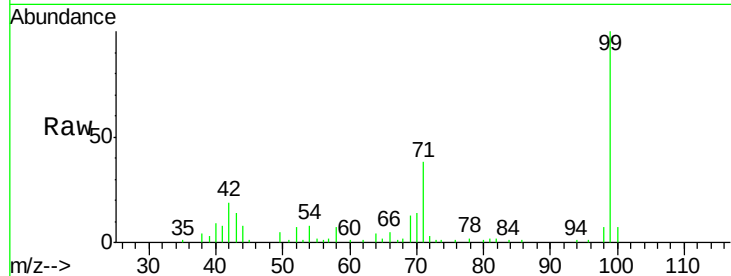
Tot Ion: 99 Resp: 85903

Ion Ratio Lower Upper

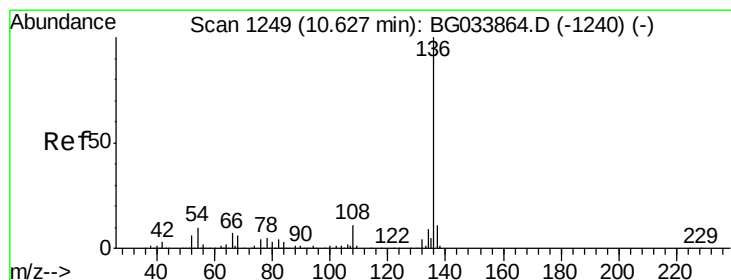
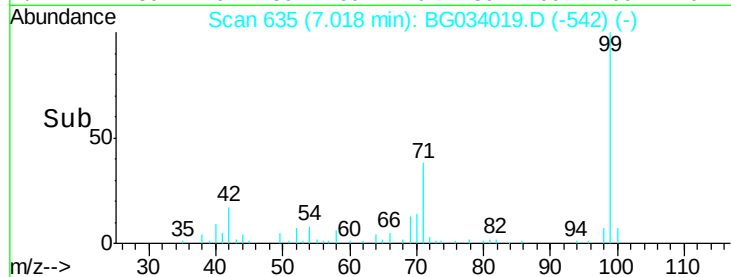
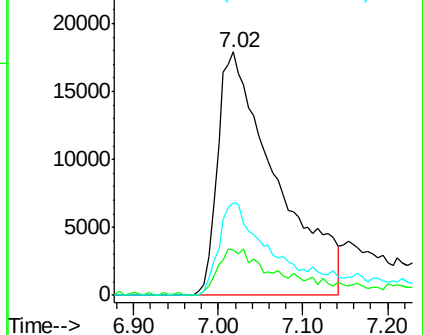
99 100

42 18.8 14.1 21.1

71 38.1 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: 10.60 min Scan# 1245

Delta R.T. -0.03 min

Lab File: BG034019.D

Acq: 26 Apr 2018 20:08

Tgt Ion: 136 Resp: 292519

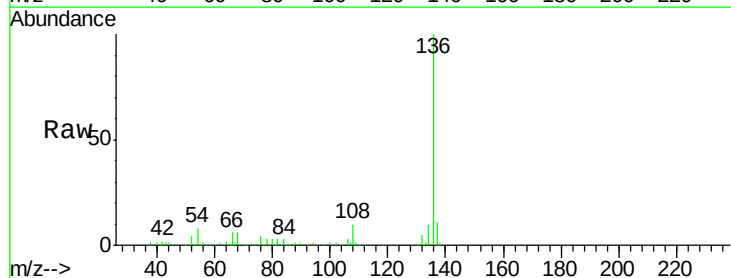
Ion Ratio Lower Upper

136 100

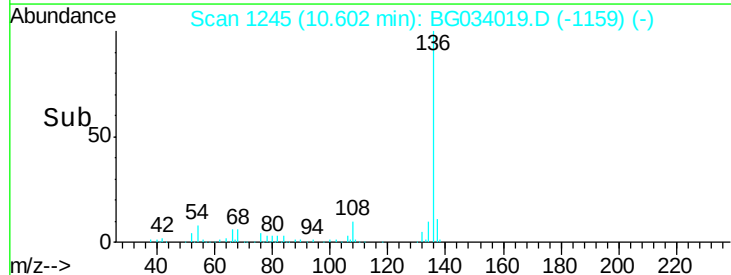
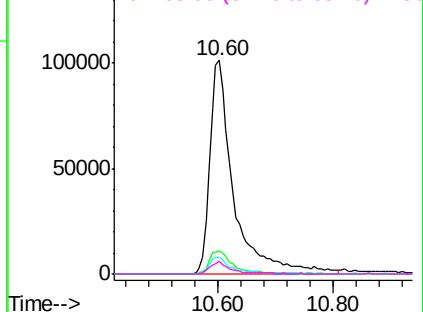
137 11.0 9.2 13.8

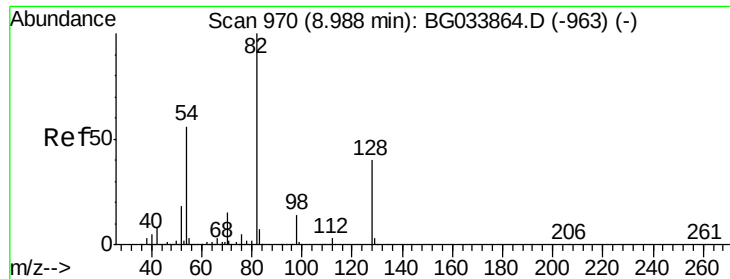
54 7.8 10.3 15.5#

68 5.7 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: 91.278 ng

RT: 8.97 min Scan# 967

Delta R.T. -0.02 min

Lab File: BG034019.D

Acq: 26 Apr 2018 20:08

Instrument :

BNA_G

ClientSampleId :

042318-DBRI-E-U-B

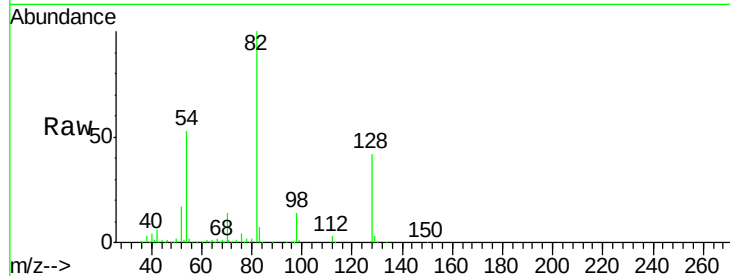
Tot Ion: 82 Resp: 469175

Ion Ratio Lower Upper

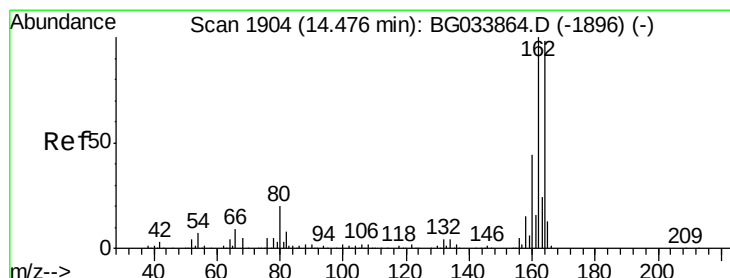
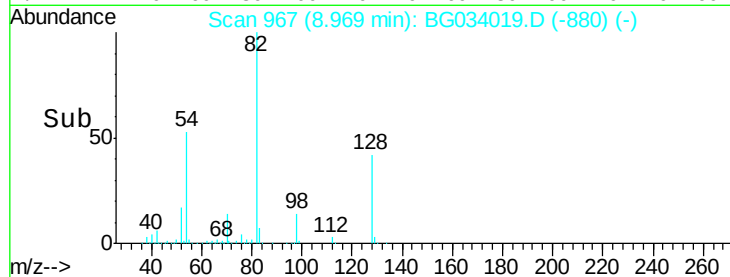
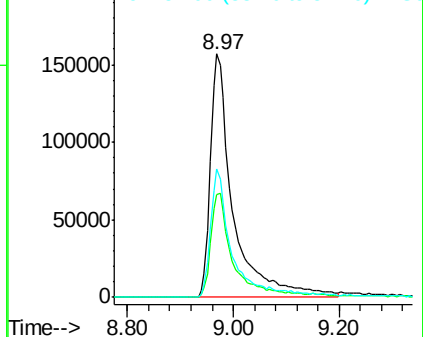
82 100

128 42.3 29.7 44.5

54 52.7 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: 14.44 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BG034019.D

Acq: 26 Apr 2018 20:08

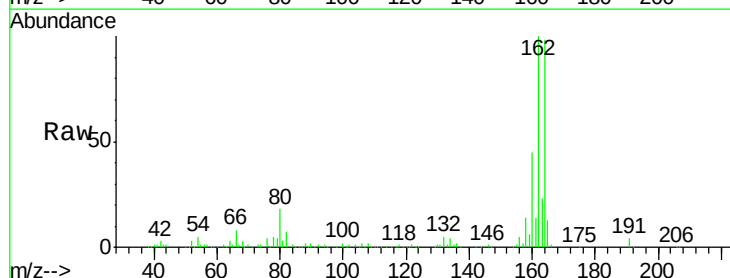
Tgt Ion:164 Resp: 213115

Ion Ratio Lower Upper

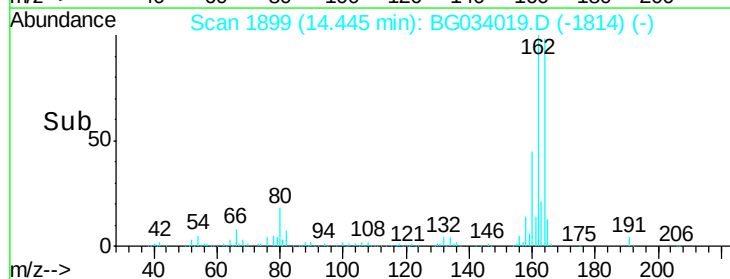
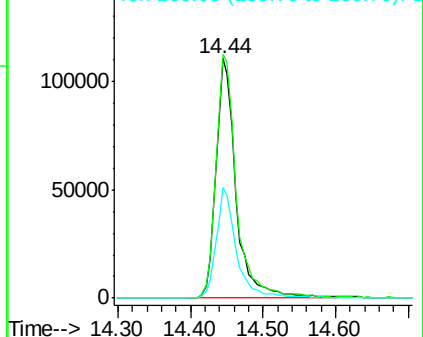
164 100

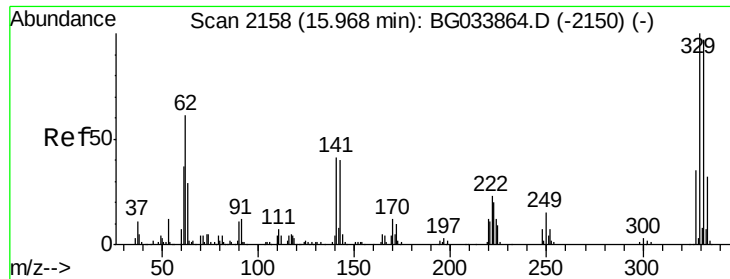
162 101.8 78.8 118.2

160 46.3 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

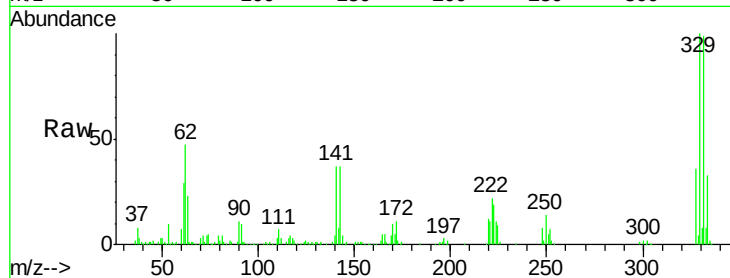




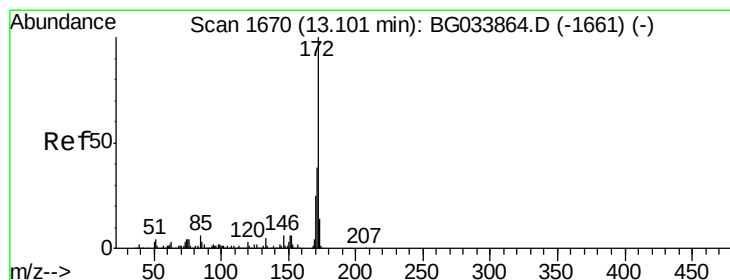
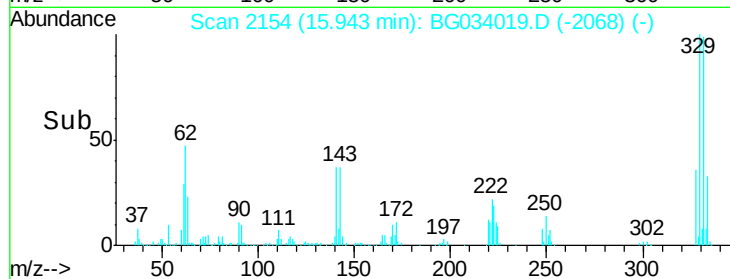
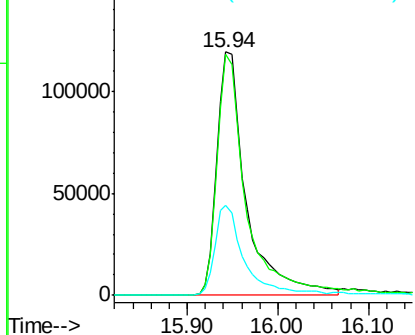
#41
 2,4,6-Tribromophenol
 Concen: 108.509 ng
 RT: 15.94 min Scan# 2154
 Delta R.T. -0.03 min
 Lab File: BG034019.D
 Acq: 26 Apr 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 042318-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.5	77.0	115.6
141	37.0	25.2	37.8

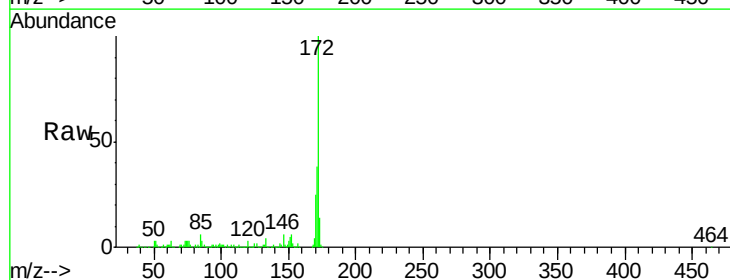


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

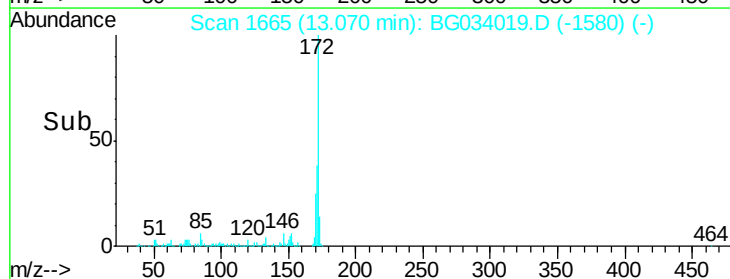
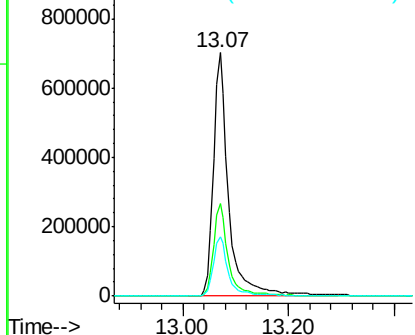


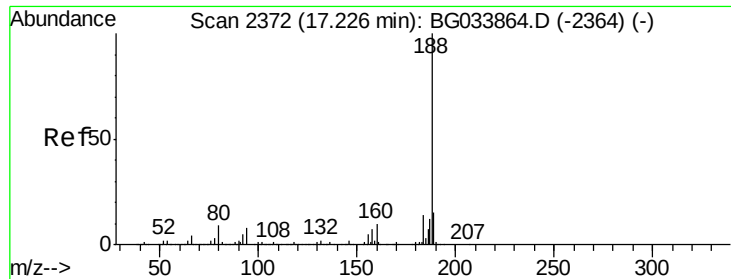
#44
 2-Fluorobiphenyl
 Concen: 97.262 ng
 RT: 13.07 min Scan# 1665
 Delta R.T. -0.03 min
 Lab File: BG034019.D
 Acq: 26 Apr 2018 20:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.5	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: 17.20 min Scan# 2368

Delta R.T. -0.03 min

Lab File: BG034019.D

Acq: 26 Apr 2018 20:08

Instrument :

BNA_G

ClientSampleId :

042318-DBRI-E-U-B

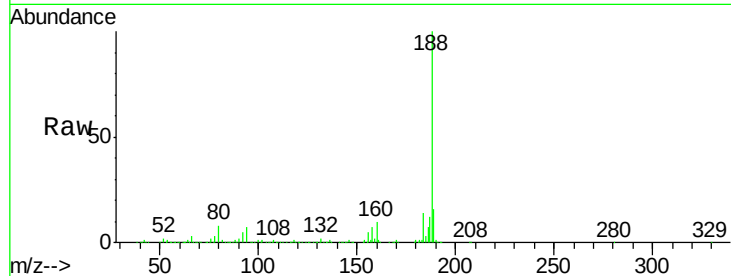
Tot Ion:188 Resp: 599955

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

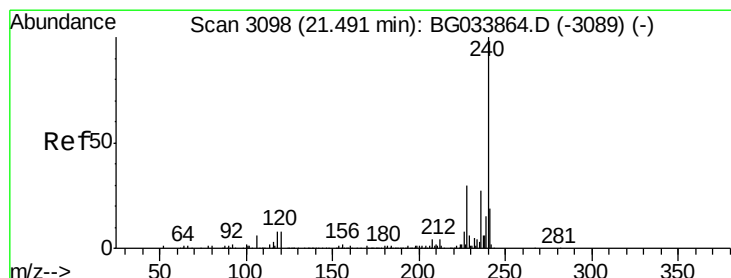
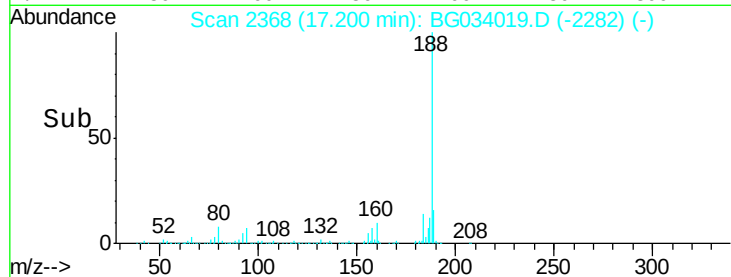
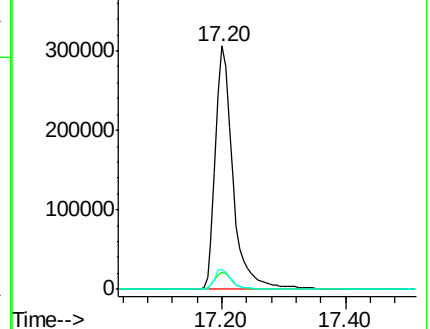
80 8.1 7.7 11.5



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: 21.45 min Scan# 3092

Delta R.T. -0.04 min

Lab File: BG034019.D

Acq: 26 Apr 2018 20:08

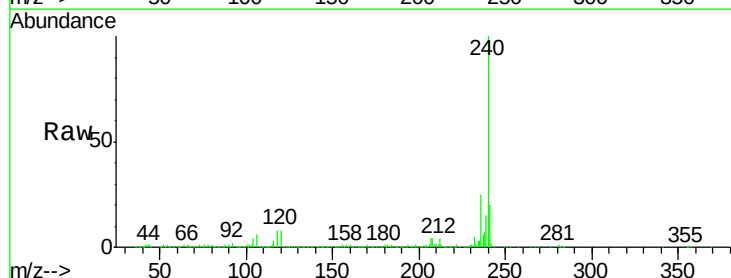
Tgt Ion:240 Resp: 638453

Ion Ratio Lower Upper

240 100

120 8.1 6.8 10.2

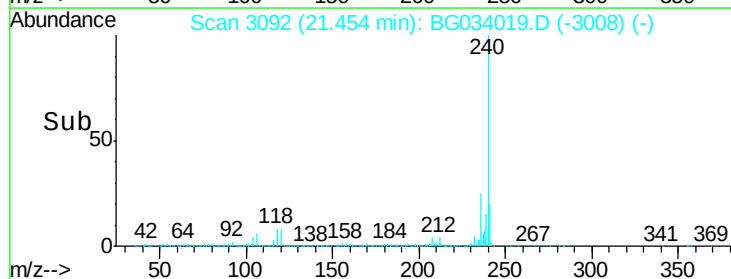
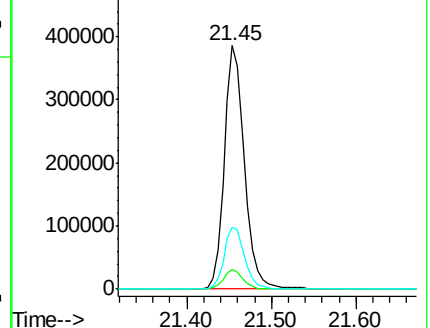
236 25.4 20.9 31.3

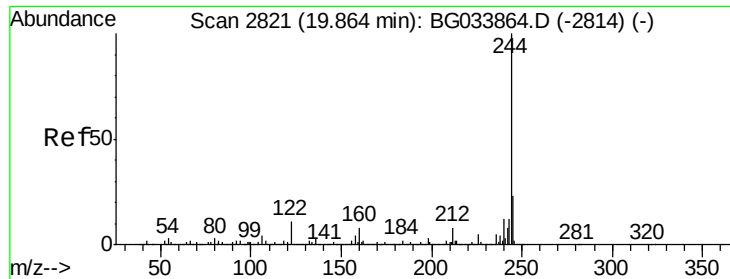


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.971 ng

RT: 19.84 min Scan# 2817

Delta R.T. -0.03 min

Lab File: BG034019.D

Acq: 26 Apr 2018 20:08

Instrument :

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042318-DBRI-E-U-B

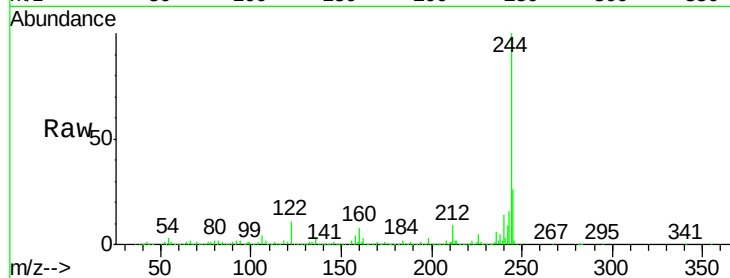
Tot Ion:244 Resp: 2556849

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

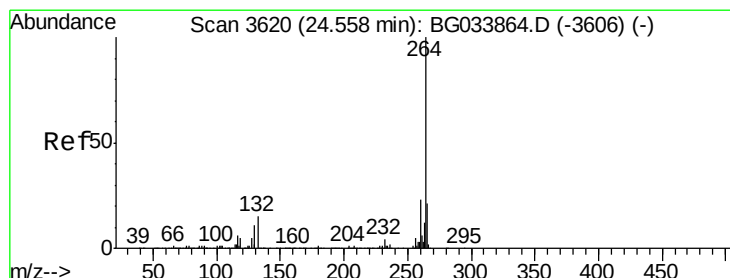
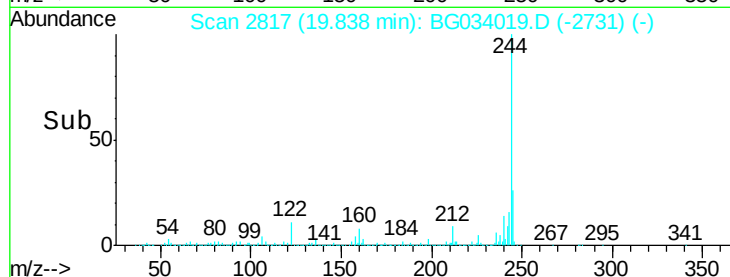
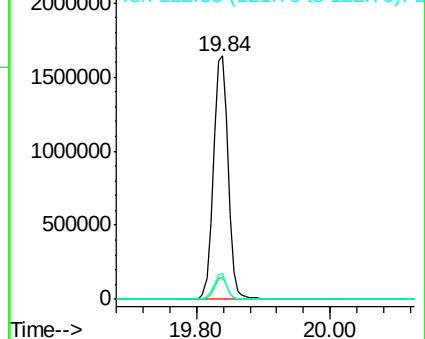
122 10.5 7.0 10.4#



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: 24.51 min Scan# 3612

Delta R.T. -0.05 min

Lab File: BG034019.D

Acq: 26 Apr 2018 20:08

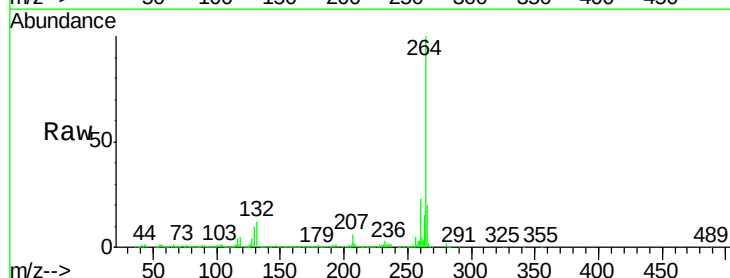
Tgt Ion:264 Resp: 605057

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 20.5 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

