

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033945.D
 Acq On : 24 Apr 2018 7:22
 Operator : SJ/JU
 Sample : J2500-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-400028-2171

Quant Time: Apr 24 08:18:20 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	64914	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	271067	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	181898	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	511975	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	558168	20.00	ng	-0.03
86) Perylene-d12	24.52	264	523269	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	567713	139.63	ng	0.00
7) Phenol-d6	7.00	99	706689	119.16	ng	0.00
23) Nitrobenzene-d5	8.98	82	507405	106.53	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	368087	173.45	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1237527	99.94	ng	-0.02
78) Terphenyl-d14	19.85	244	2357130	94.87	ng	-0.02

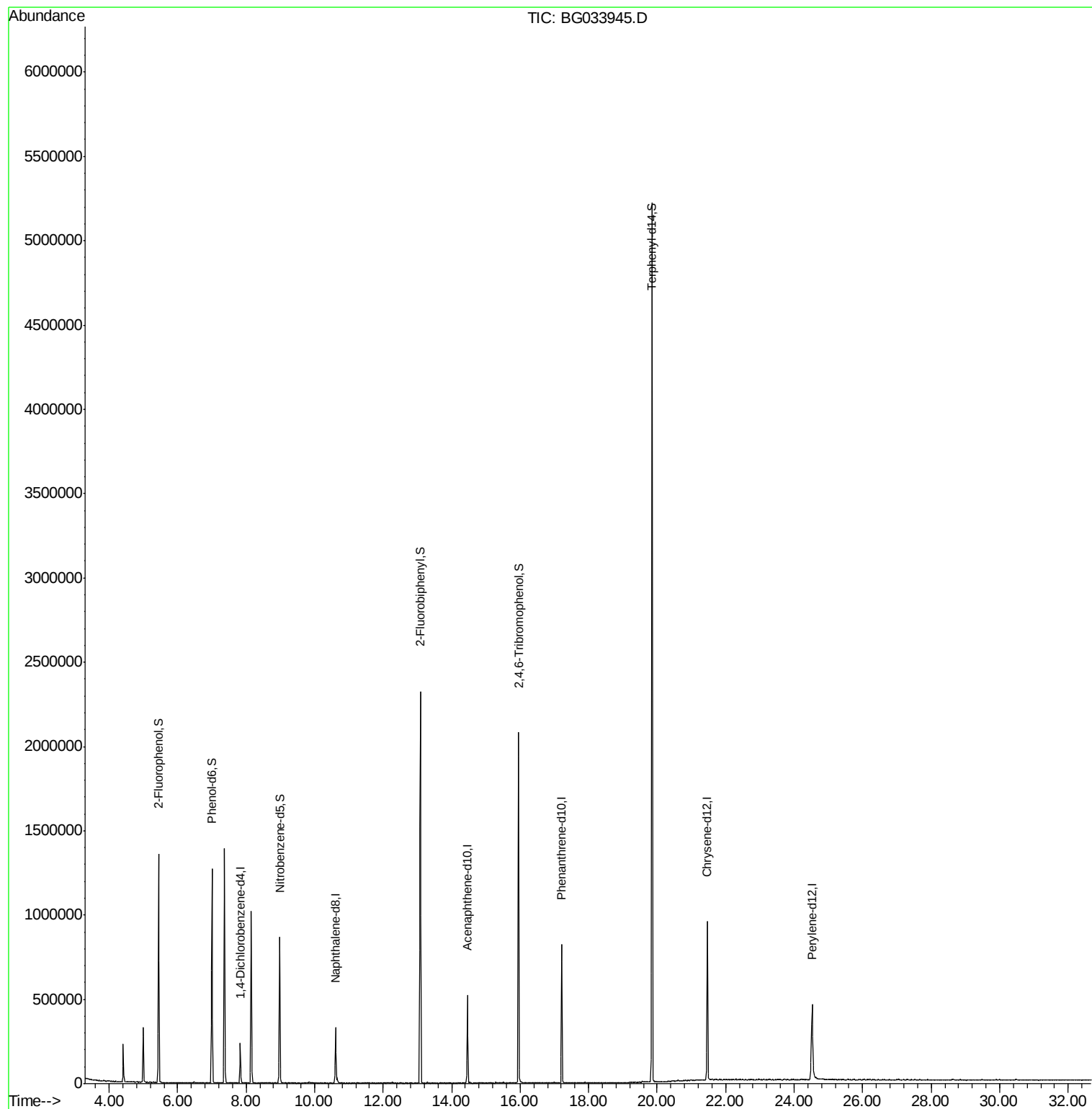
Target Compounds Qvalue

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

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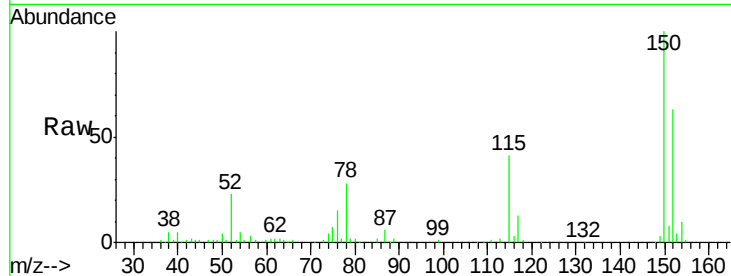


#1

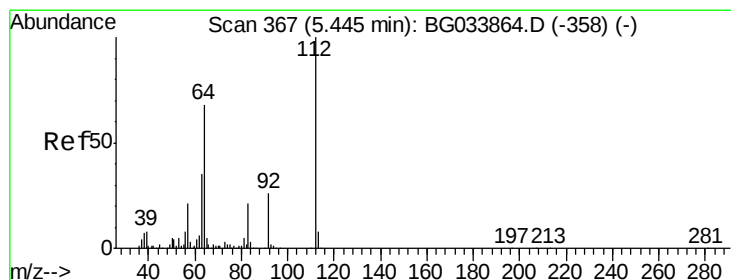
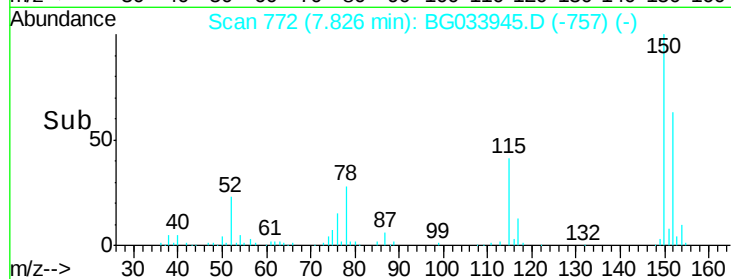
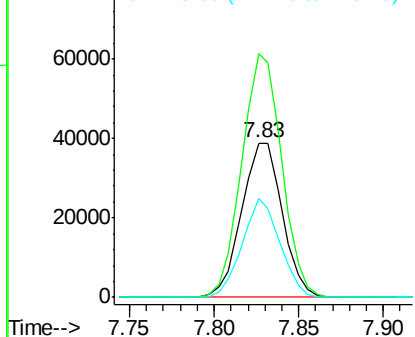
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG033945.D
Acq: 24 Apr 2018 7:22

Instrument :
BNA_G
ClientSampleId :
RBR-400028-2171

Tot Ion:152 Resp: 64914
Ion Ratio Lower Upper
152 100
150 158.0 126.6 189.8
115 64.3 53.0 79.4



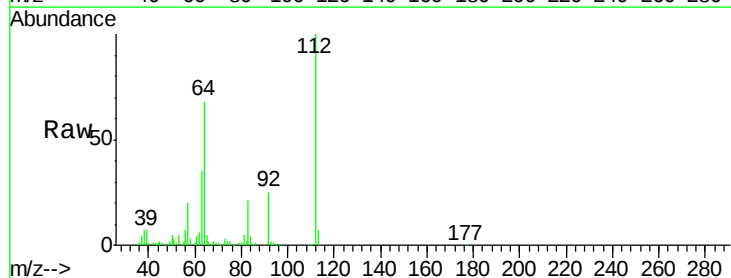
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



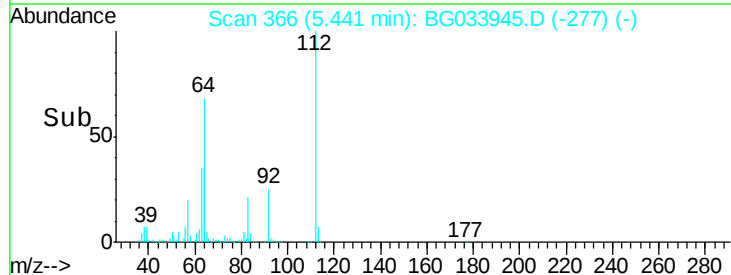
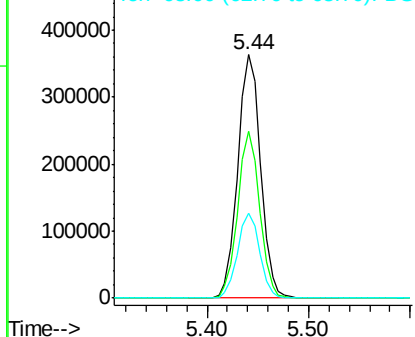
#5

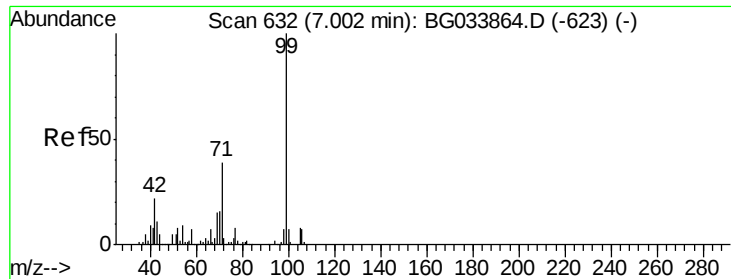
2-Fluorophenol
Concen: 139.627 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.00 min
Lab File: BG033945.D
Acq: 24 Apr 2018 7:22

Tgt Ion:112 Resp: 567713
Ion Ratio Lower Upper
112 100
64 68.3 56.3 84.5
63 34.7 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: 119.164 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.00 min

Lab File: BG033945.D

Acq: 24 Apr 2018 7:22

Instrument :

BNA_G

ClientSampleId :

RBR-400028-2171

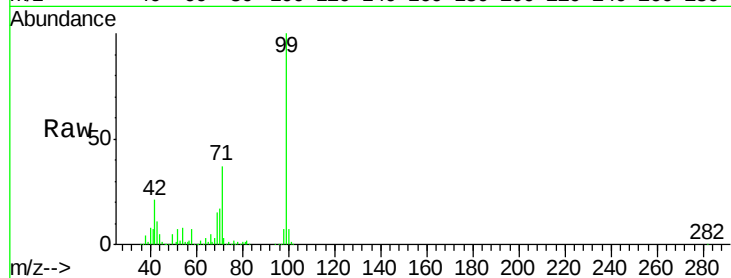
Tot Ion: 99 Resp: 706689

Ion Ratio Lower Upper

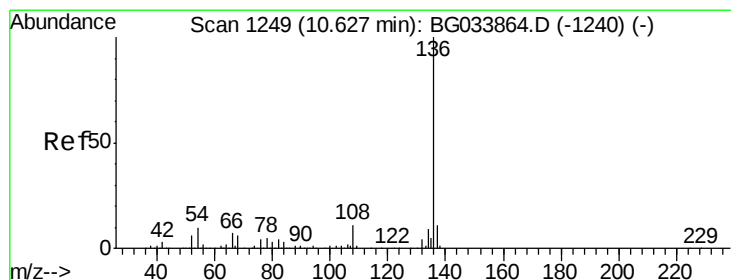
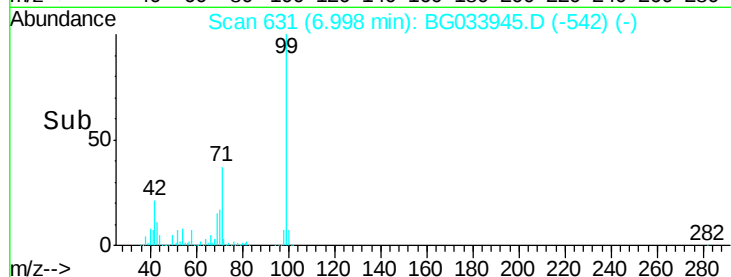
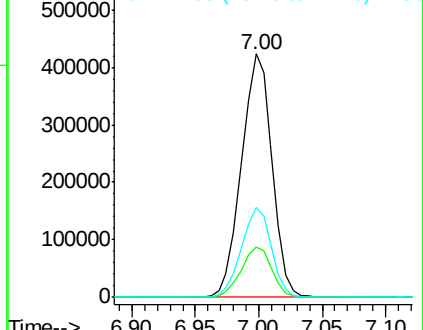
99 100

42 20.8 14.1 21.1

71 36.8 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: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033945.D

Acq: 24 Apr 2018 7:22

Tgt Ion: 136 Resp: 271067

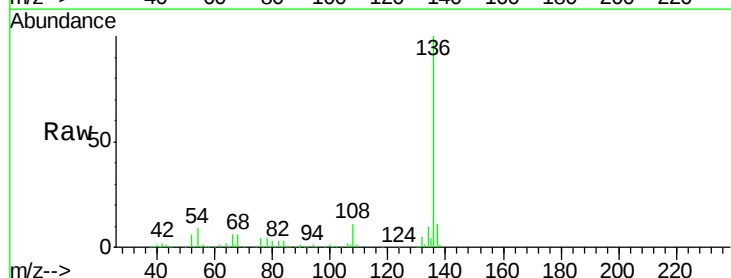
Ion Ratio Lower Upper

136 100

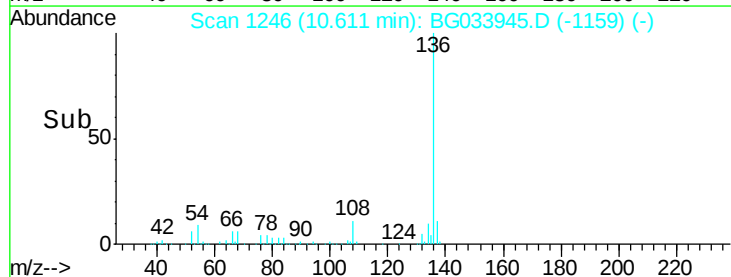
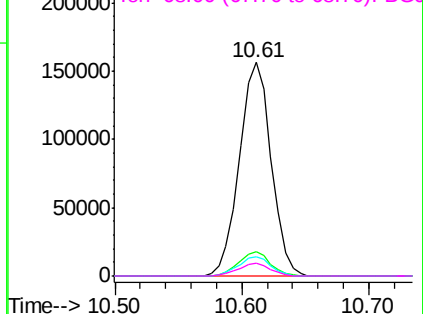
137 11.2 9.2 13.8

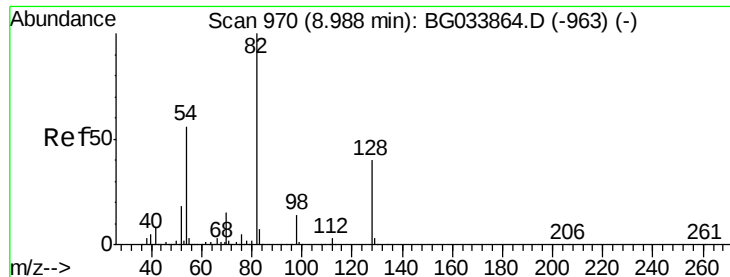
54 9.2 10.3 15.5#

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

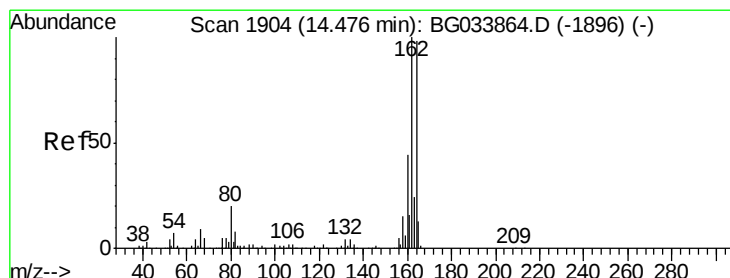
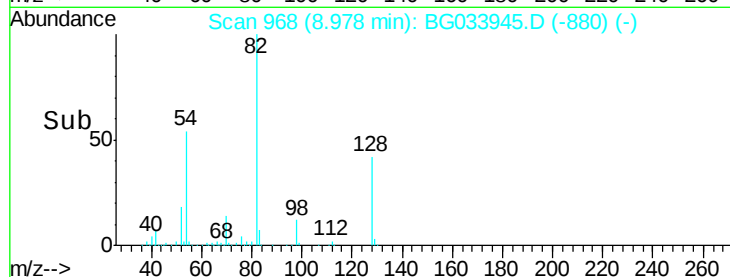
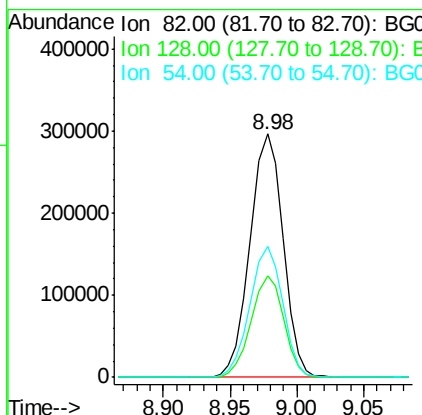
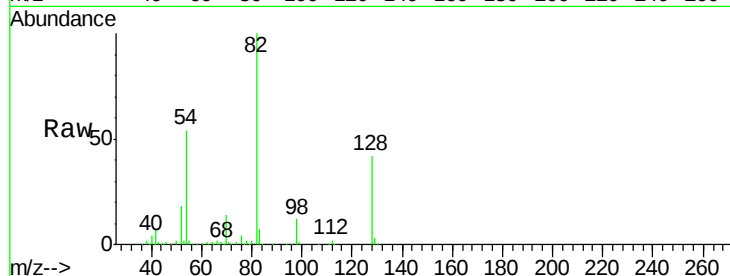




#23
 Nitrobenzene-d5
 Concen: 106.528 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG033945.D
 Acq: 24 Apr 2018 7:22

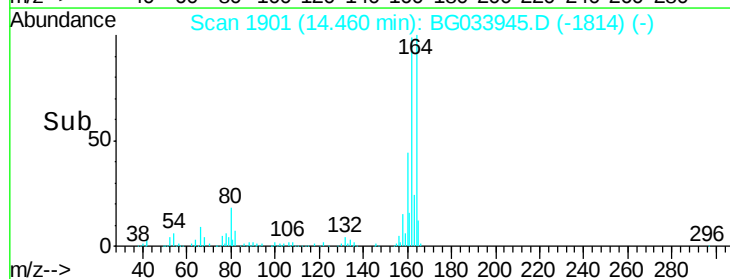
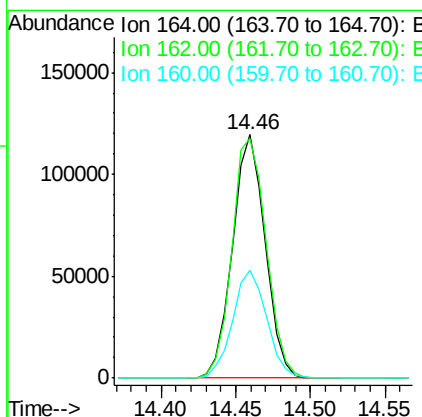
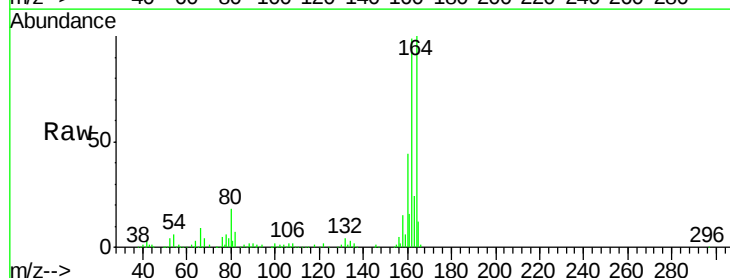
Instrument :
 BNA_G
 ClientSampleId :
 RBR-400028-2171

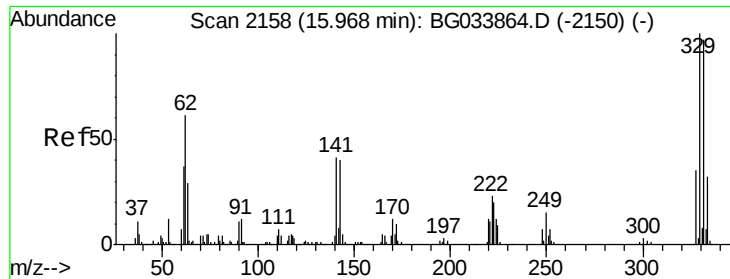
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	29.7	44.5
54	53.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033945.D
 Acq: 24 Apr 2018 7:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	78.8	118.2
160	44.2	35.4	53.0

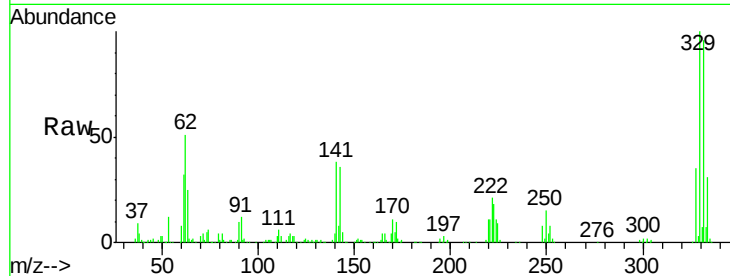




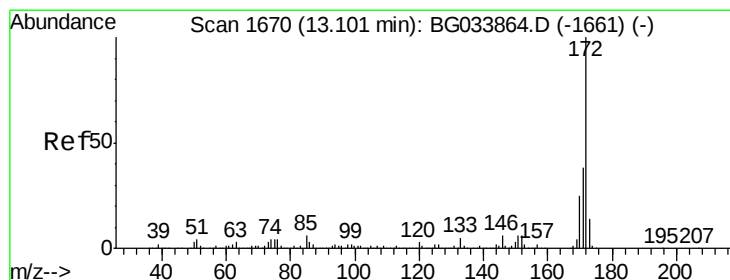
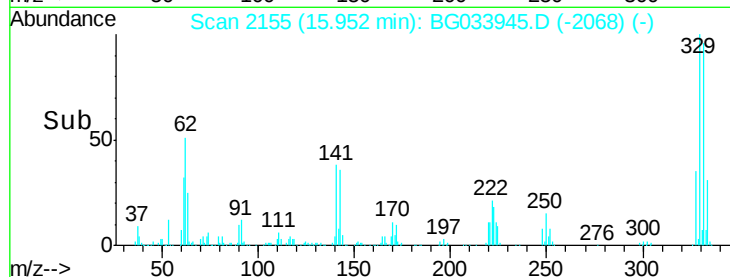
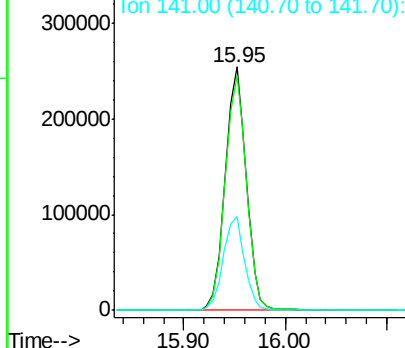
#41
 2,4,6-Tribromophenol
 Concen: 173.452 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033945.D
 Acq: 24 Apr 2018 7:22

Instrument :
 BNA_G
 ClientSampleId :
 RBR-400028-2171

Tot Ion:330 Resp: 368087
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 39.2 25.2 37.8#

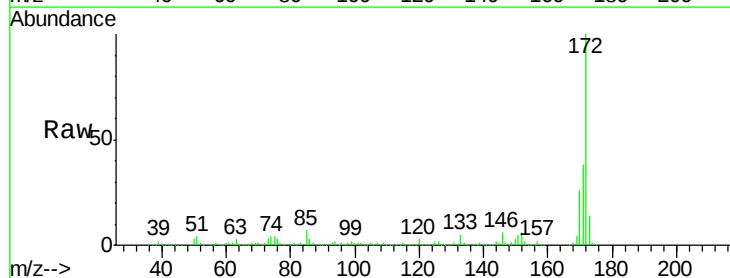


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

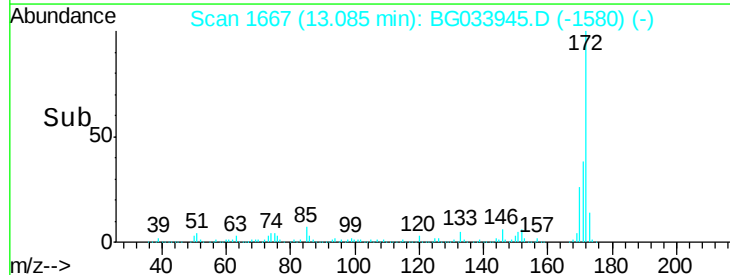
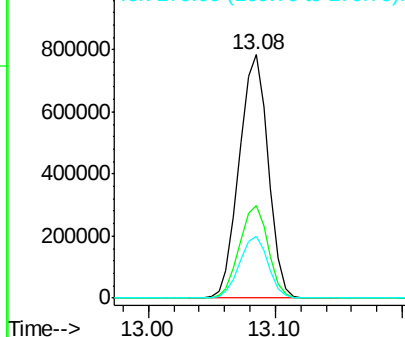


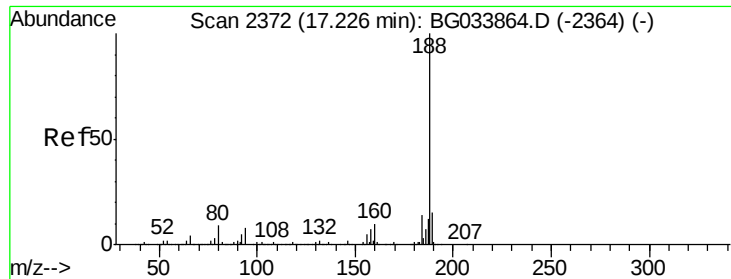
#44
 2-Fluorobiphenyl
 Concen: 99.944 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033945.D
 Acq: 24 Apr 2018 7:22

Tgt Ion:172 Resp: 1237527
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 25.5 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

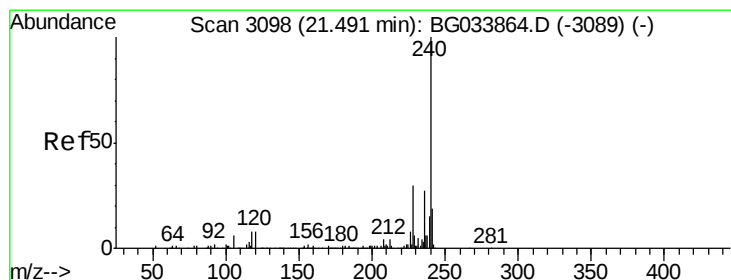
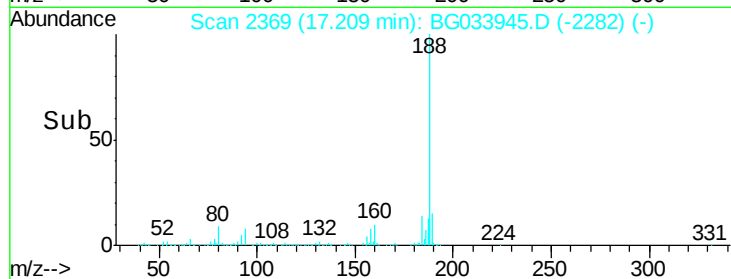
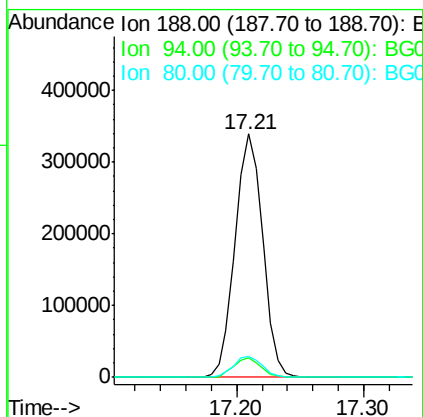
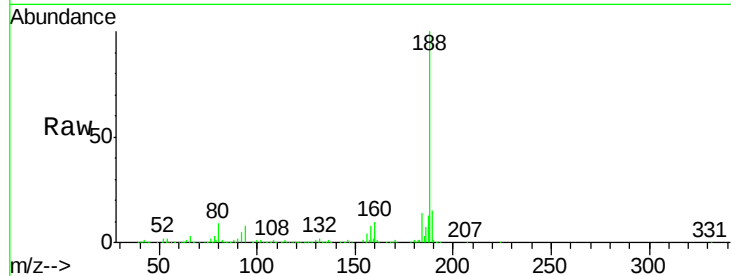




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033945.D
Acq: 24 Apr 2018 7:22

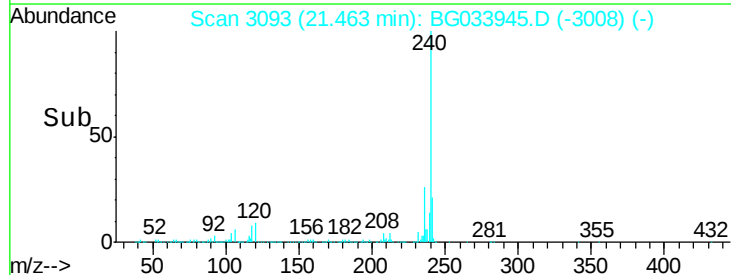
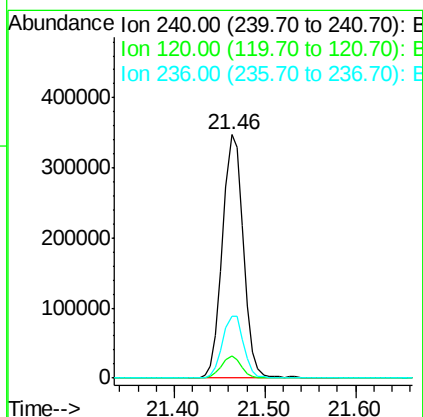
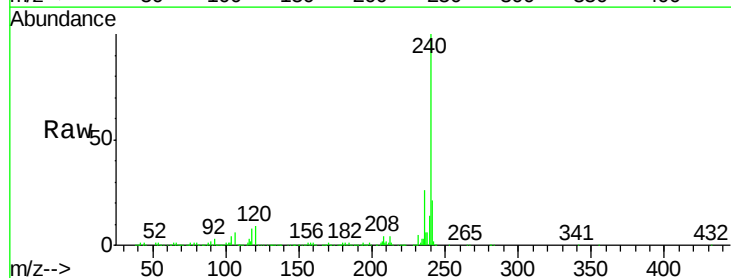
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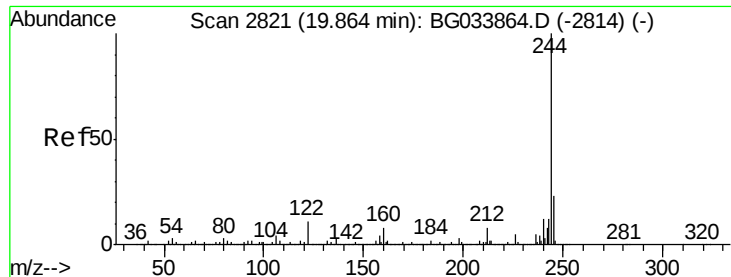
Tot Ion:188 Resp: 511975
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 8.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.46 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BG033945.D
Acq: 24 Apr 2018 7:22

Tgt Ion:240 Resp: 558168
Ion Ratio Lower Upper
240 100
120 8.8 6.8 10.2
236 25.6 20.9 31.3





#78

Terphenyl-d14

Concen: 94.874 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033945.D

Acq: 24 Apr 2018 7:22

Instrument :

BNA_G

ClientSampleId :

RBR-400028-2171

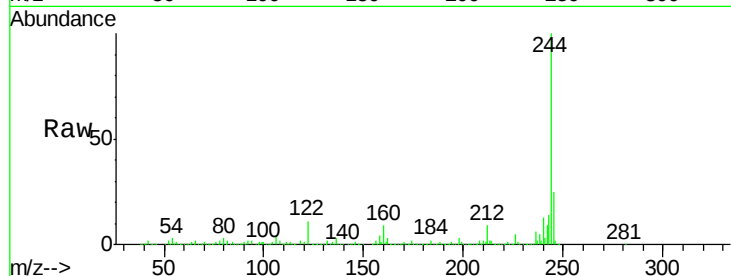
Tot Ion:244 Resp: 2357130

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

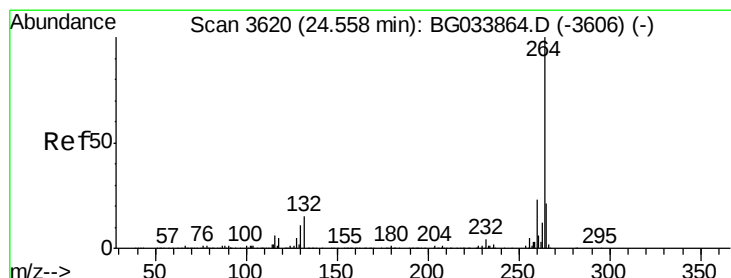
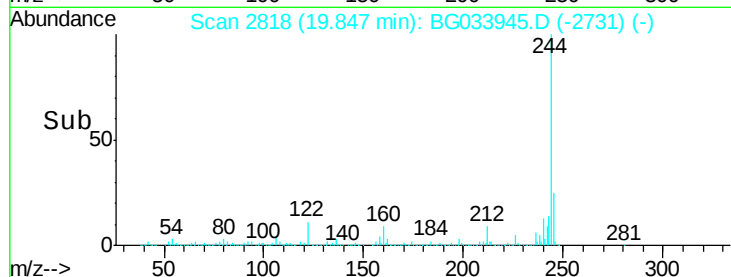
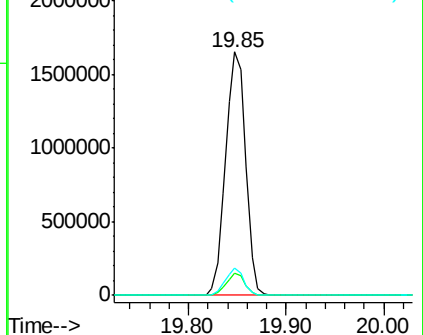
122 11.3 7.0 10.4#



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# 3613

Delta R.T. -0.04 min

Lab File: BG033945.D

Acq: 24 Apr 2018 7:22

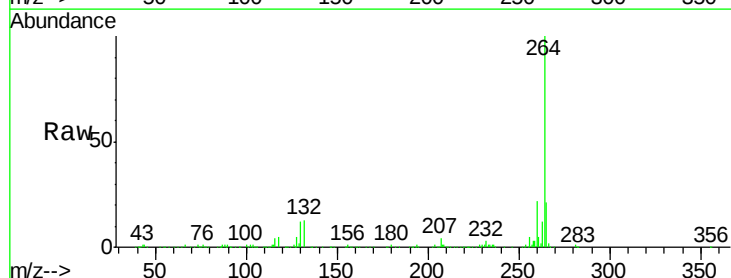
Tgt Ion:264 Resp: 523269

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 21.0 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

