

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036136.D
 Acq On : 6 Aug 2018 20:44
 Operator : JU/SJ
 Sample : J4330-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 073018-DBRI-E-D-B

Quant Time: Aug 07 01:24:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	26658	20.00	ng	-0.02
21) Naphthalene-d8	10.82	136	92834	20.00	ng	-0.01
38) Acenaphthene-d10	14.63	164	66103	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	205230	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	228452	20.00	ng	-0.02
86) Perylene-d12	24.82	264	221263	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	74830	46.60	ng	0.00
7) Phenol-d6	7.18	99	62013	25.89	ng	-0.01
23) Nitrobenzene-d5	9.17	82	237118	106.70	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	110332	126.63	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	522539	105.91	ng	-0.02
78) Terphenyl-d14	19.98	244	1063239	102.59	ng	-0.02

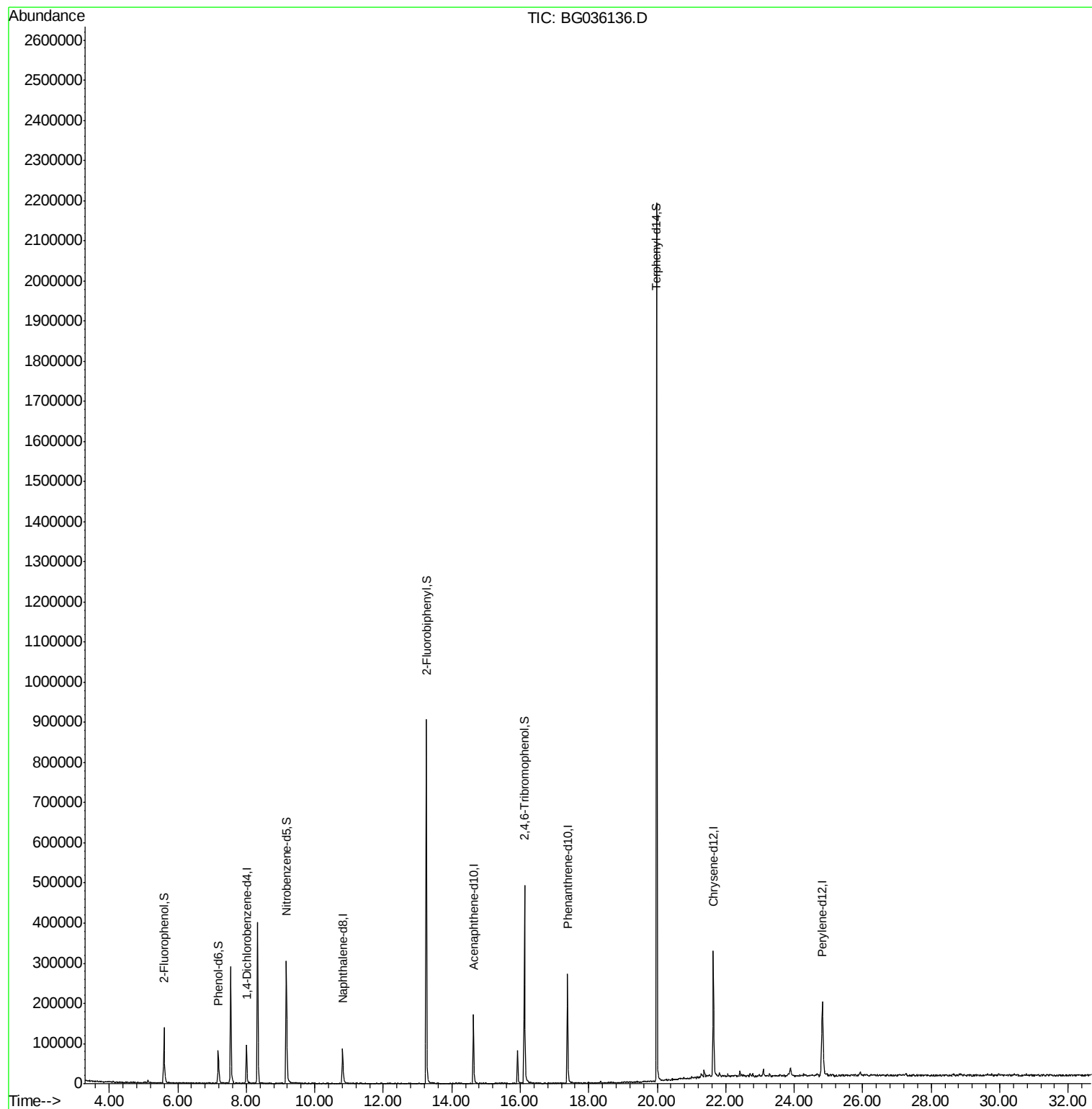
Target Compounds Qvalue

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

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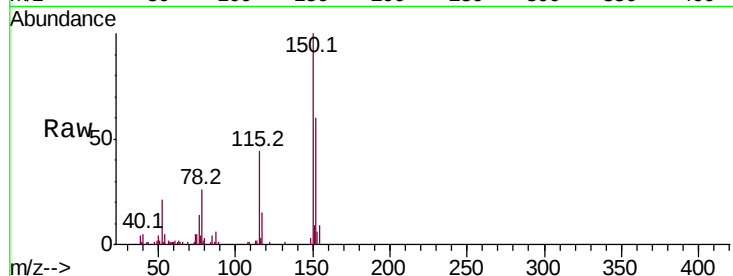


#1

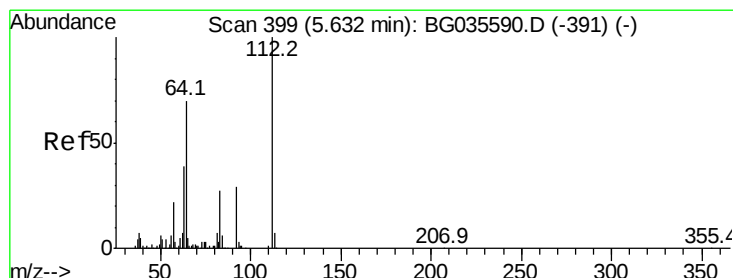
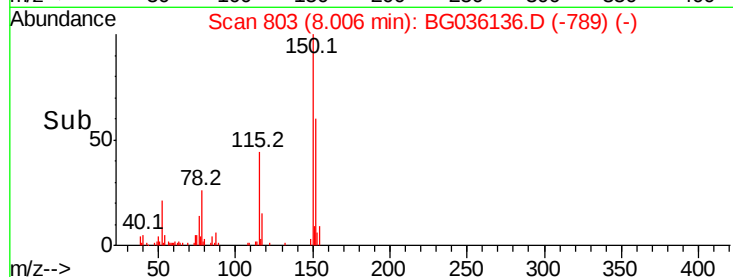
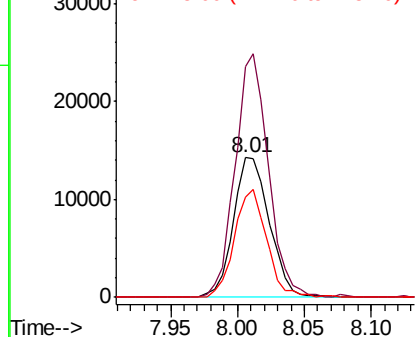
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036136.D
Acq: 6 Aug 2018 20:44

Instrument :
BNA_G
ClientSampleId :
073018-DBRI-E-D-B

Tot Ion:152 Resp: 26658
Ion Ratio Lower Upper
152 100
150 165.5 126.6 189.8
115 72.1 53.0 79.4



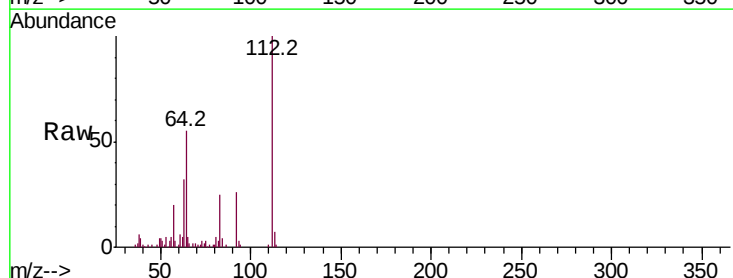
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



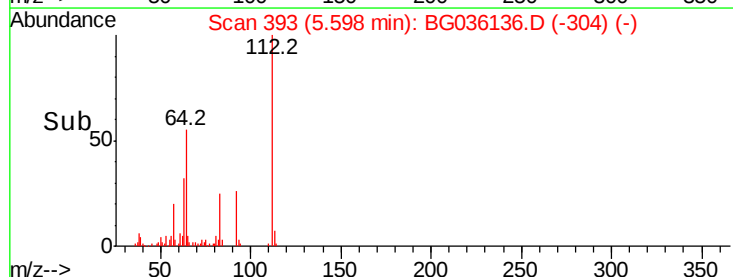
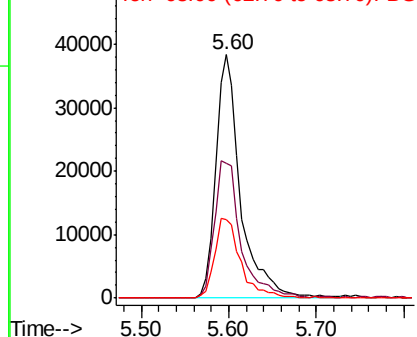
#5

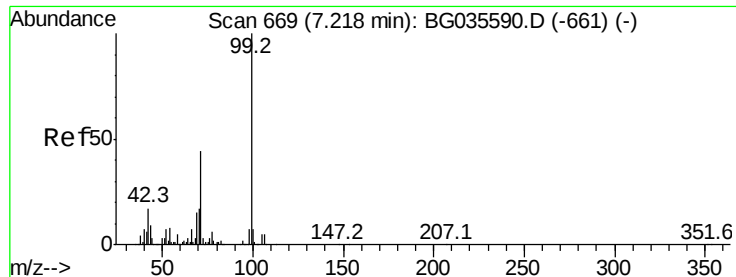
2-Fluorophenol
Concen: 46.603 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036136.D
Acq: 6 Aug 2018 20:44

Tgt Ion:112 Resp: 74830
Ion Ratio Lower Upper
112 100
64 55.4 56.3 84.5#
63 32.3 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: 25.886 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036136.D

Acq: 6 Aug 2018 20:44

Instrument :

BNA_G

ClientSampleId :

073018-DBRI-E-D-B

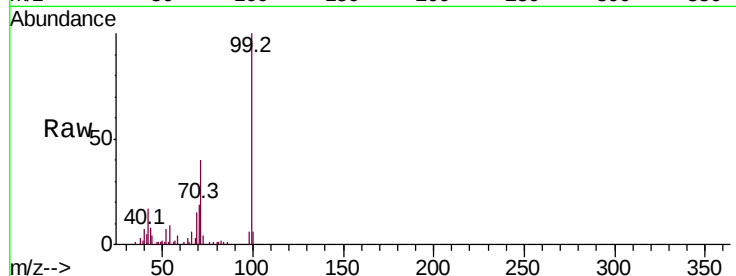
Tot Ion: 99 Resp: 62013

Ion Ratio Lower Upper

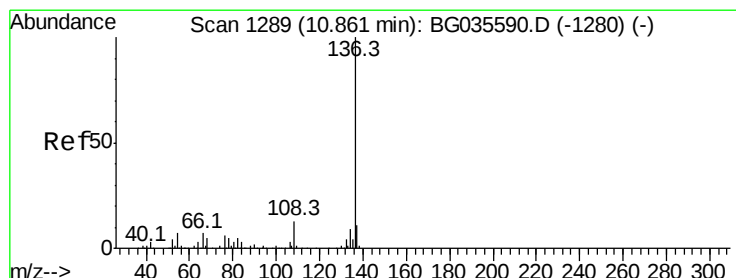
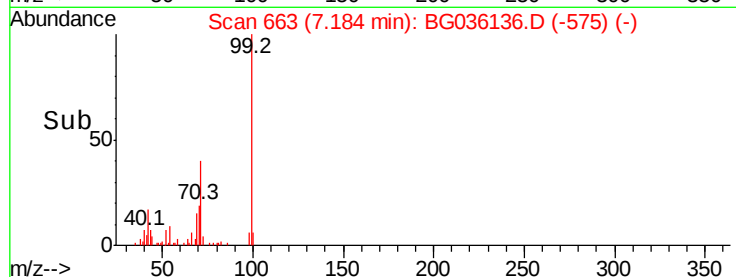
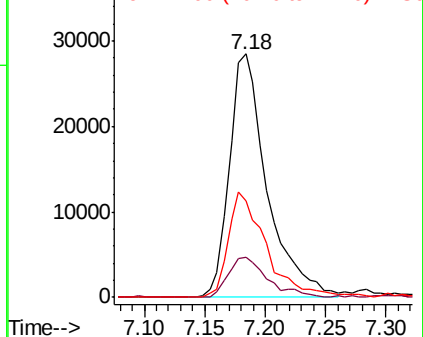
99 100

42 16.5 14.1 21.1

71 39.5 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: 10.82 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG036136.D

Acq: 6 Aug 2018 20:44

Tgt Ion: 136 Resp: 92834

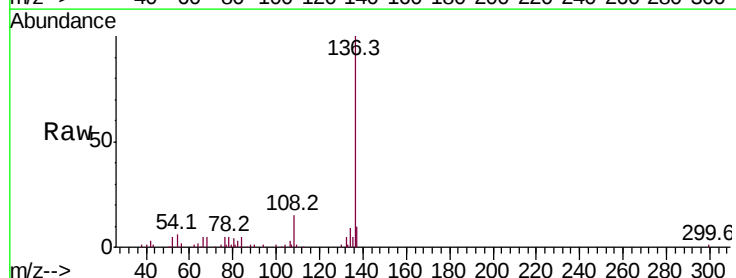
Ion Ratio Lower Upper

136 100

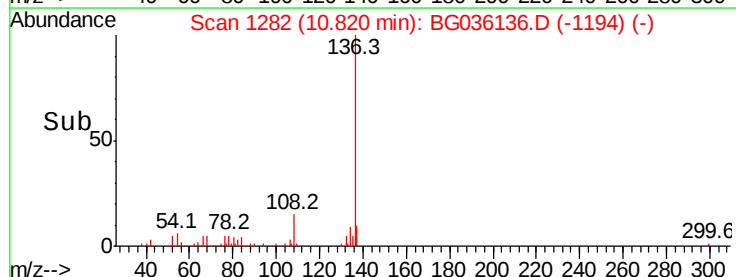
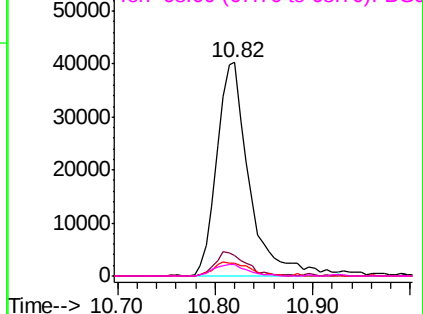
137 9.7 9.2 13.8

54 6.1 10.3 15.5#

68 5.5 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

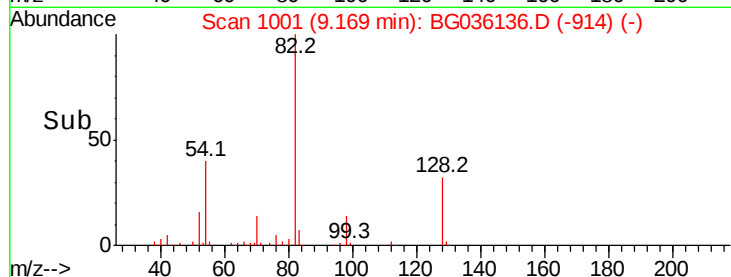
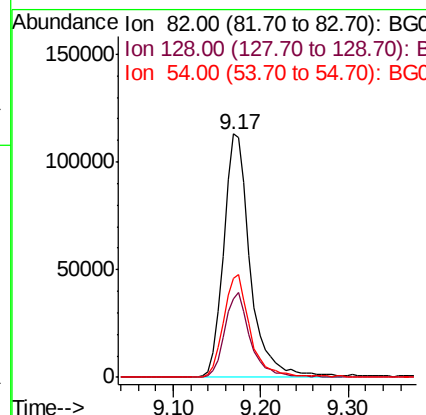
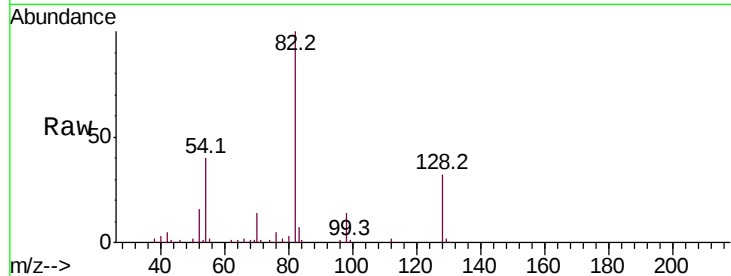




#23
 Nitrobenzene-d5
 Concen: 106.702 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036136.D
 Acq: 6 Aug 2018 20:44

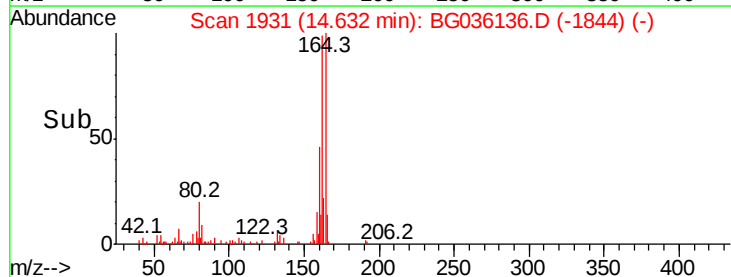
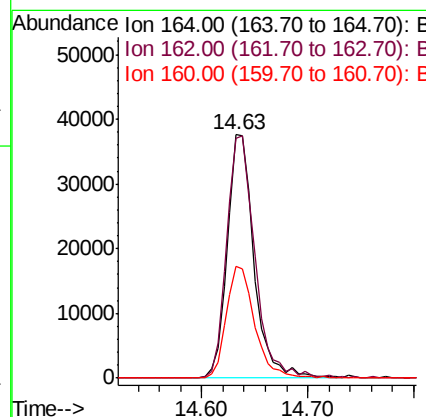
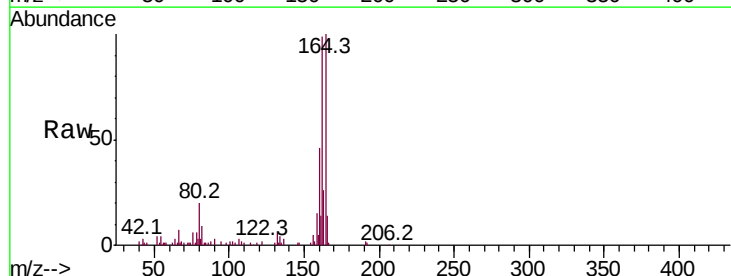
Instrument :
 BNA_G
 ClientSampleId :
 073018-DBRI-E-D-B

Tot Ion	82	Resp	237118
Ion Ratio	Lower	Upper	
82	100		
128	32.2	29.7	44.5
54	40.4	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036136.D
 Acq: 6 Aug 2018 20:44

Tgt Ion	164	Resp	66103
Ion Ratio	Lower	Upper	
164	100		
162	98.7	78.8	118.2
160	46.1	35.4	53.0

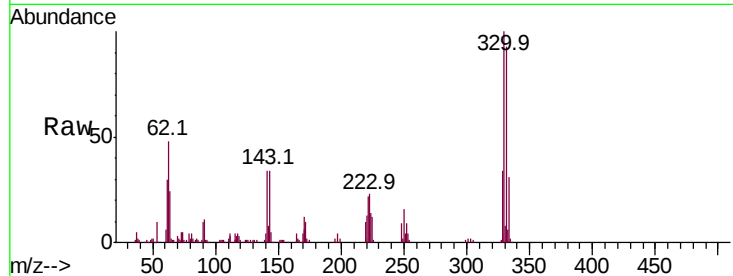




#41
 2,4,6-Tribromophenol
 Concen: 126.632 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036136.D
 Acq: 6 Aug 2018 20:44

Instrument :
 BNA_G
 ClientSampleId :
 073018-DBRI-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	37.3	25.2	37.8

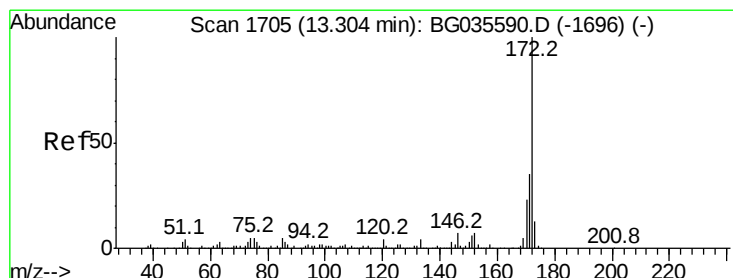
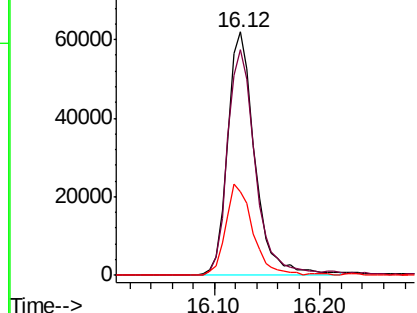
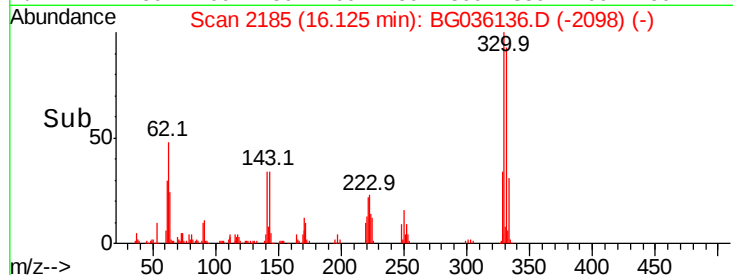


Abundance

Ion 329.80 (329.50 to 330.50): E

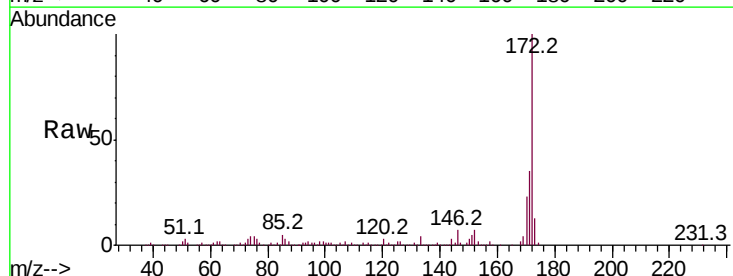
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 105.905 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036136.D
 Acq: 6 Aug 2018 20:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	23.0	19.5	29.3

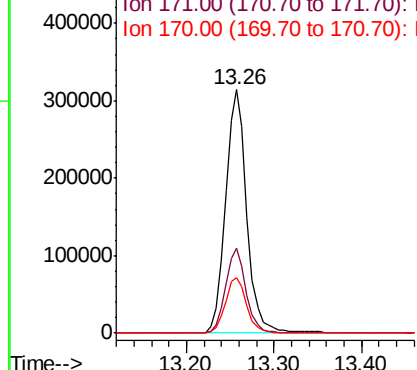
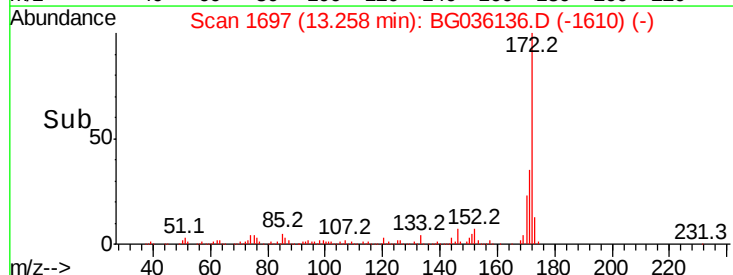


Abundance

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

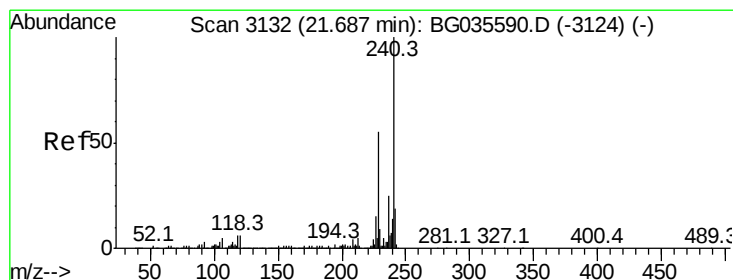
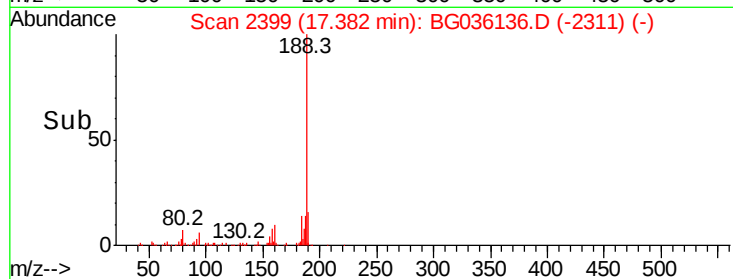
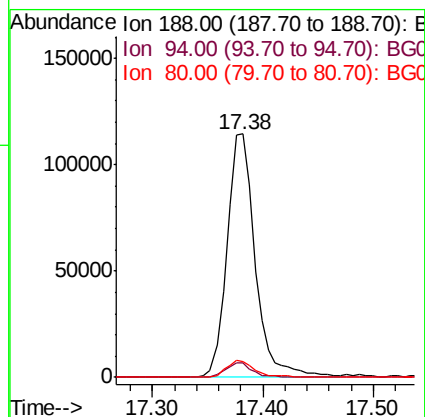
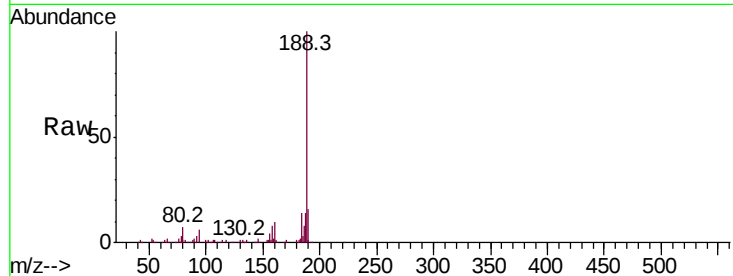




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036136.D
Acq: 6 Aug 2018 20:44

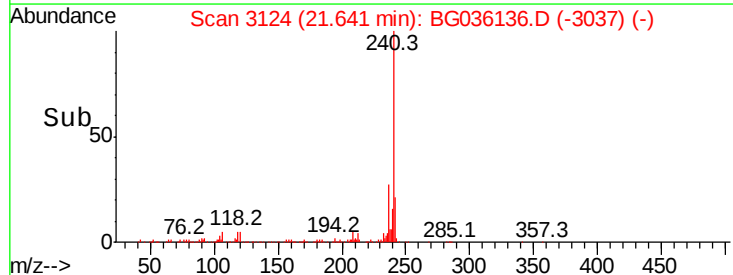
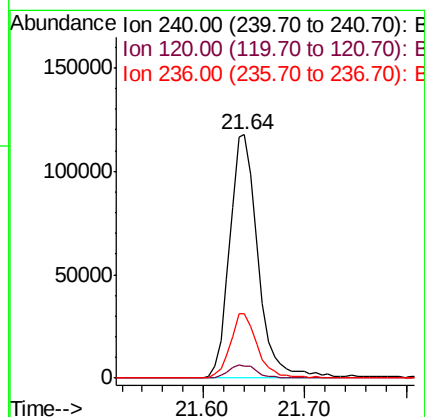
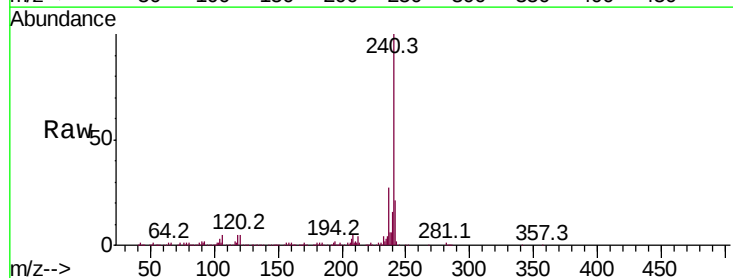
Instrument :
BNA_G
ClientSampleId :
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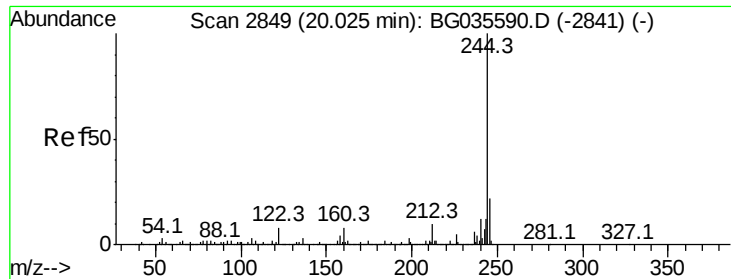
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	6.7	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036136.D
Acq: 6 Aug 2018 20:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	26.7	20.9	31.3





#78

Terphenyl-d14

Concen: 102.590 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036136.D

Acq: 6 Aug 2018 20:44

Instrument :

BNA_G

ClientSampleId :

073018-DBRI-E-D-B

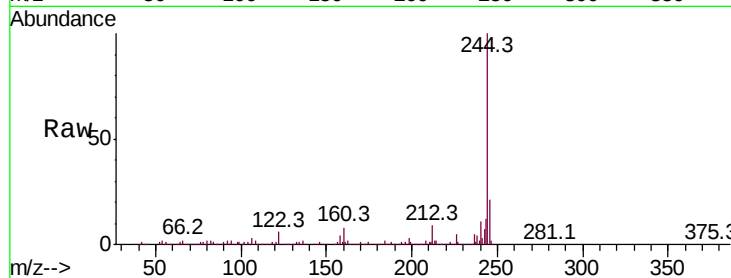
Tot Ion:244 Resp: 1063239

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

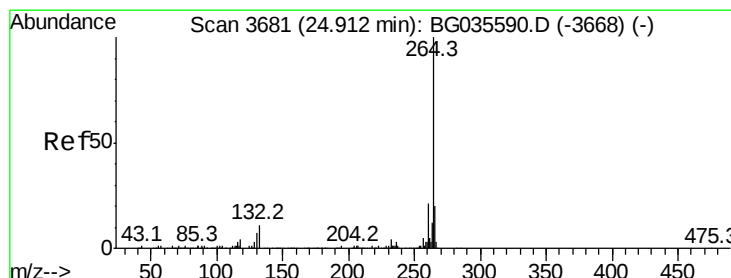
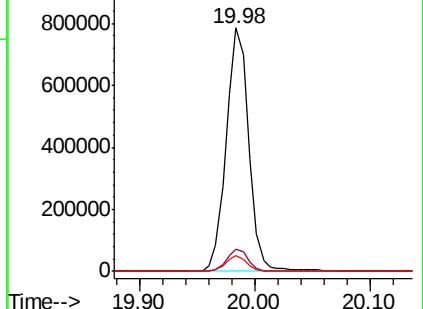
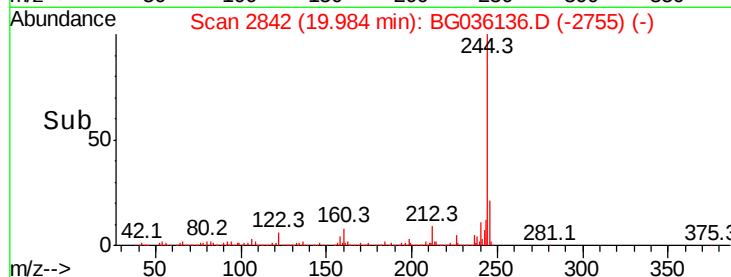
122 6.5 7.0 10.4#



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: 24.82 min Scan# 3666

Delta R.T. -0.04 min

Lab File: BG036136.D

Acq: 6 Aug 2018 20:44

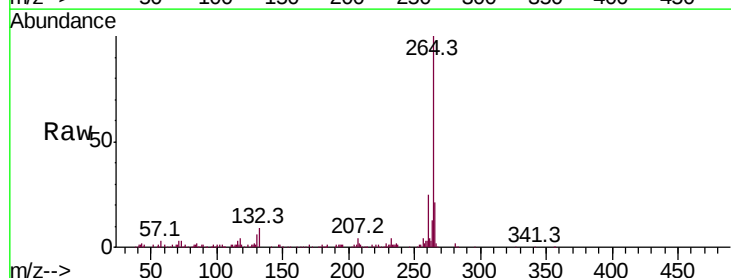
Tgt Ion:264 Resp: 221263

Ion Ratio Lower Upper

264 100

260 25.0 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

