

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036172.D
 Acq On : 7 Aug 2018 21:40
 Operator : JU/SJ
 Sample : J4330-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 08 02:06:33 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	28459	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	95403	20.00	ng	-0.01
38) Acenaphthene-d10	14.64	164	69816	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	207344	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	233637	20.00	ng	-0.02
86) Perylene-d12	24.83	264	216218	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	62239	36.31	ng	0.00
7) Phenol-d6	7.18	99	53729	21.01	ng	-0.01
23) Nitrobenzene-d5	9.17	82	218332	95.60	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	102683	111.59	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	504610	96.83	ng	-0.02
78) Terphenyl-d14	19.98	244	982392	92.69	ng	-0.02

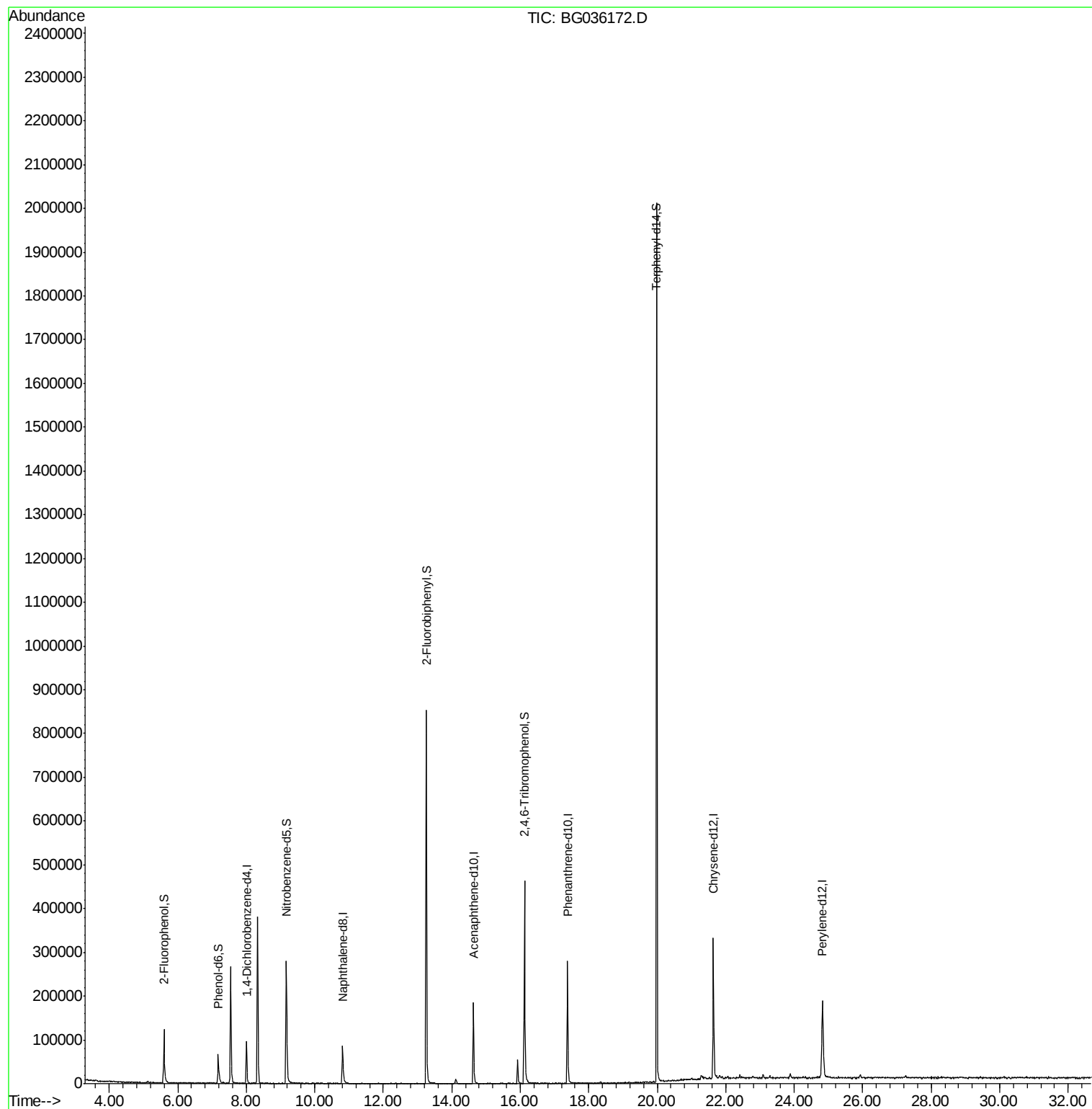
Target Compounds Qvalue

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

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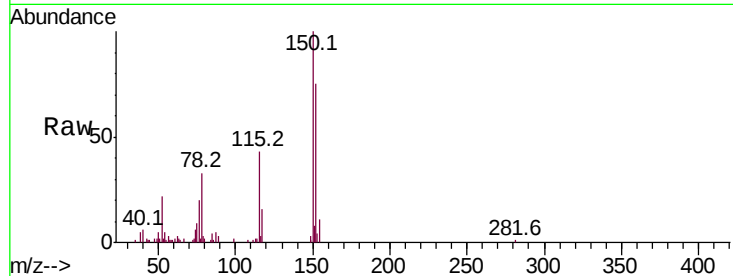


#1

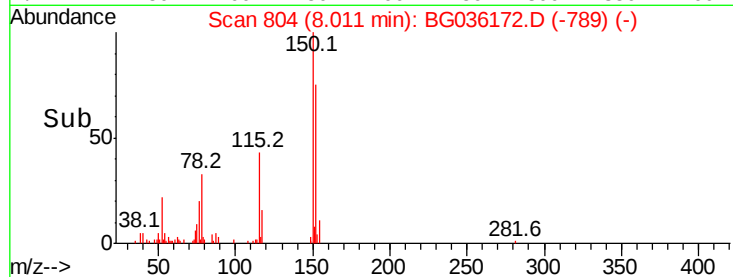
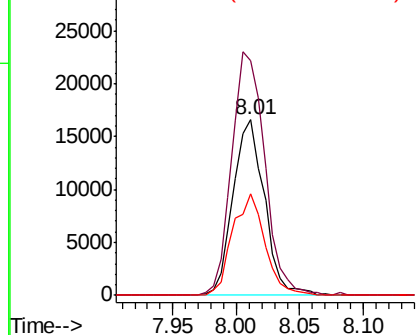
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036172.D
Acq: 7 Aug 2018 21:40

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

Tot Ion:152 Resp: 28459
Ion Ratio Lower Upper
152 100
150 133.7 126.6 189.8
115 57.9 53.0 79.4



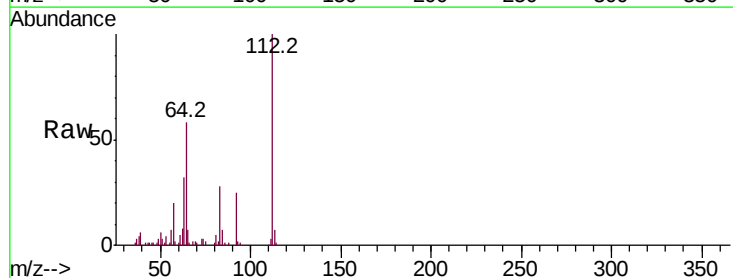
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



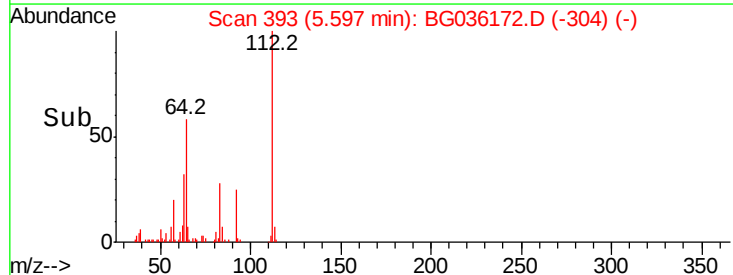
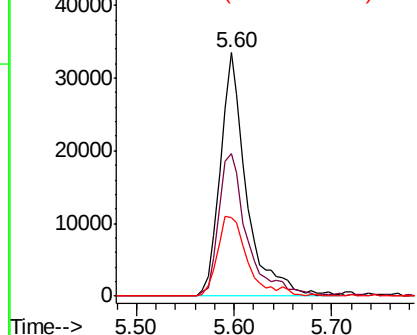
#5

2-Fluorophenol
Concen: 36.309 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036172.D
Acq: 7 Aug 2018 21:40

Tgt Ion:112 Resp: 62239
Ion Ratio Lower Upper
112 100
64 58.4 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: 21.008 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036172.D

Acq: 7 Aug 2018 21:40

Instrument :

BNA_G

ClientSampleId :

073018-DBRI-E-D-S

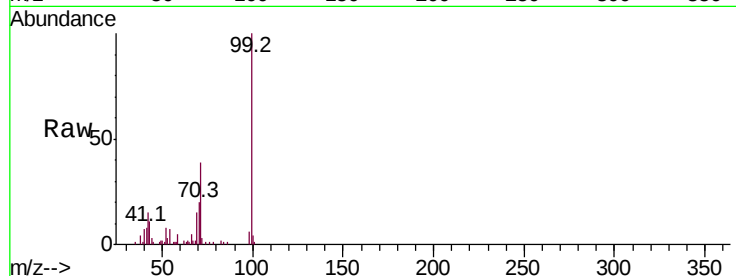
Tot Ion: 99 Resp: 53729

Ion Ratio Lower Upper

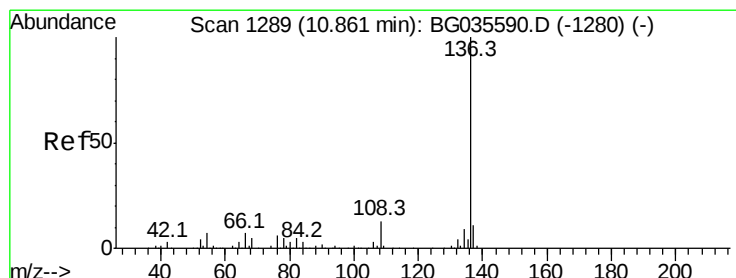
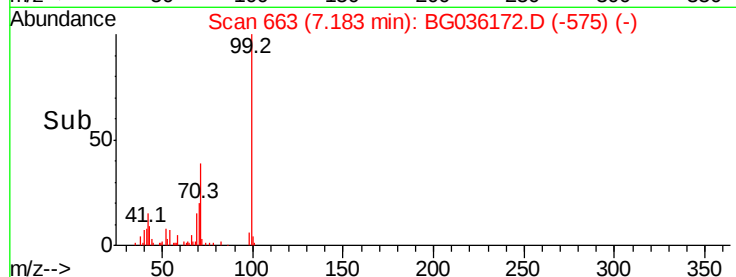
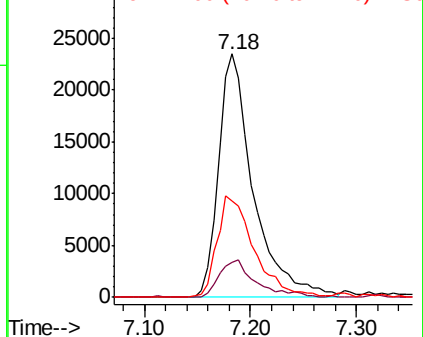
99 100

42 14.5 14.1 21.1

71 39.4 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: BG036172.D

Acq: 7 Aug 2018 21:40

Tgt Ion: 136 Resp: 95403

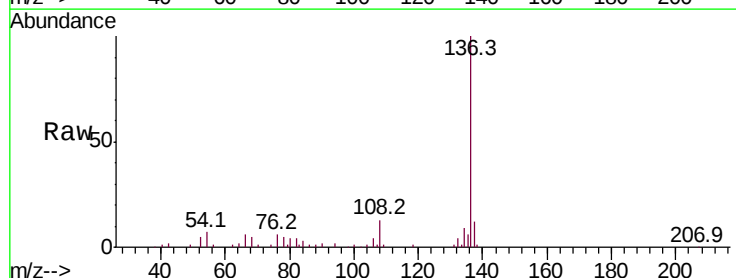
Ion Ratio Lower Upper

136 100

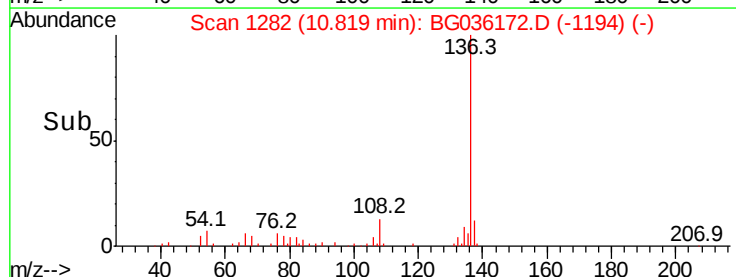
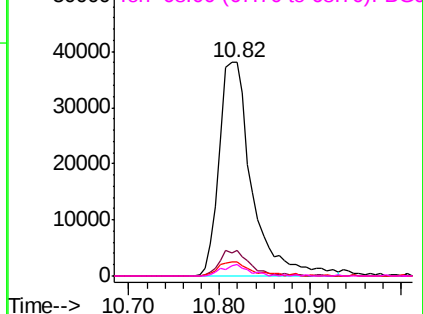
137 11.7 9.2 13.8

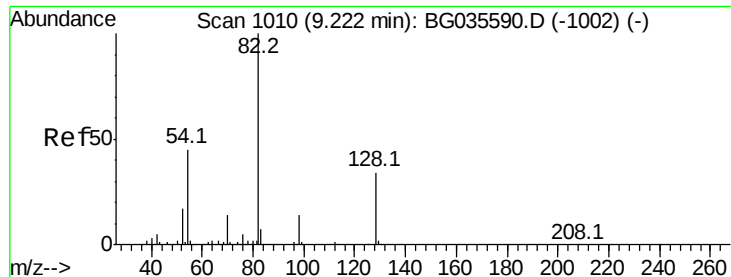
54 6.8 10.3 15.5#

68 5.2 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

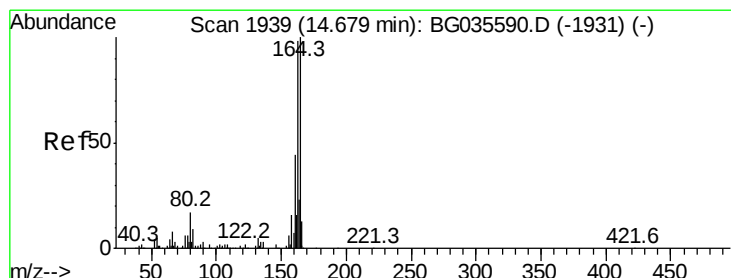
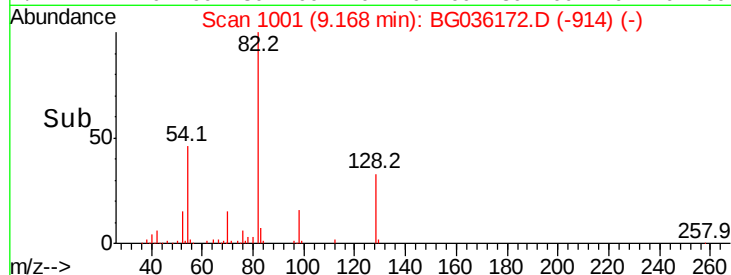
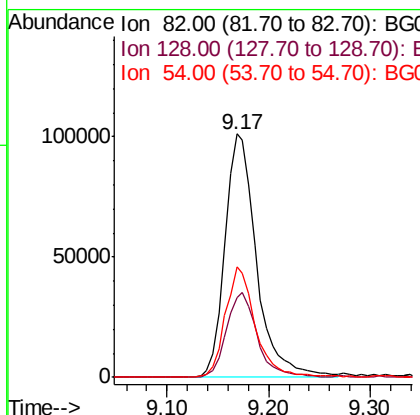
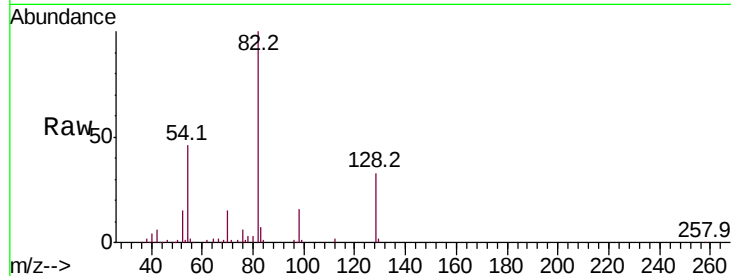




#23
 Nitrobenzene-d5
 Concen: 95.602 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036172.D
 Acq: 7 Aug 2018 21:40

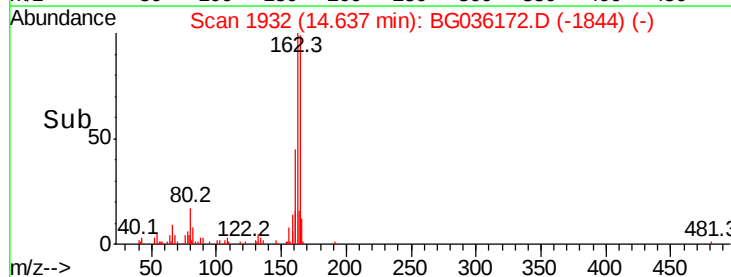
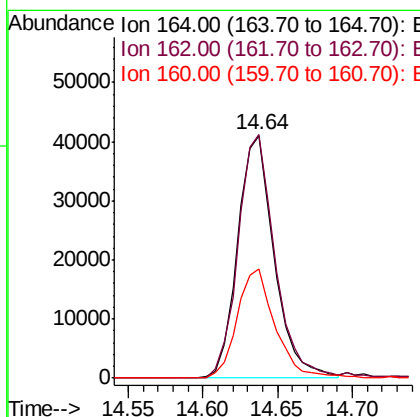
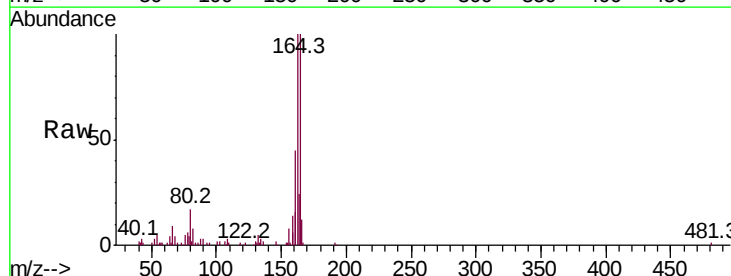
Instrument :
 BNA_G
 ClientSampleId :
 073018-DBRI-E-D-S

Tot Ion	82	Resp	218332
Ion	Ratio	Lower	Upper
82	100		
128	33.0	29.7	44.5
54	45.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG036172.D
 Acq: 7 Aug 2018 21:40

Tgt Ion	164	Resp	69816
Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.8	118.2
160	45.2	35.4	53.0

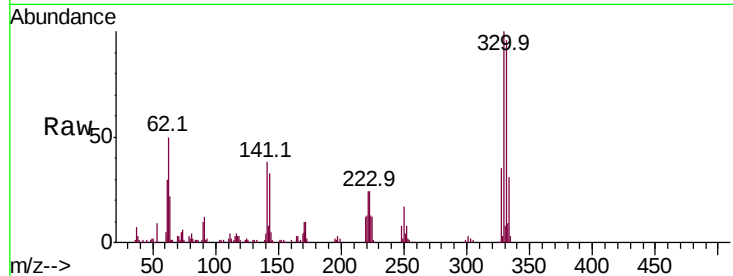




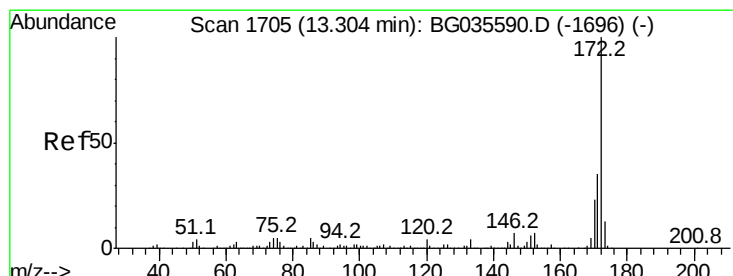
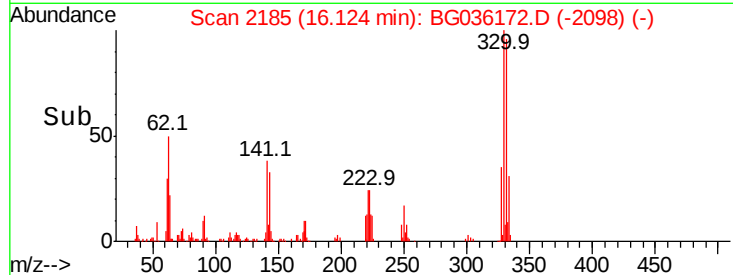
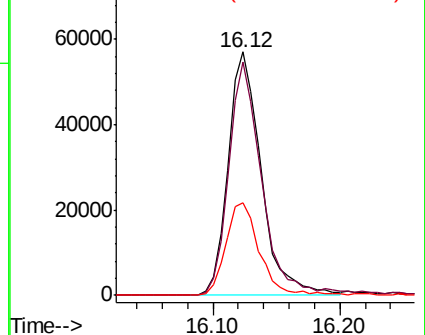
#41
2,4,6-Tribromophenol
Concen: 111.585 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036172.D
Acq: 7 Aug 2018 21:40

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	38.8	25.2	37.8#

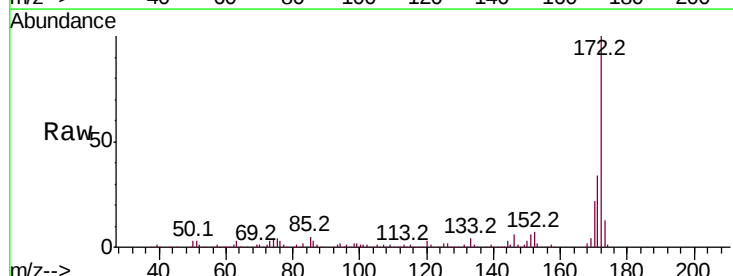


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

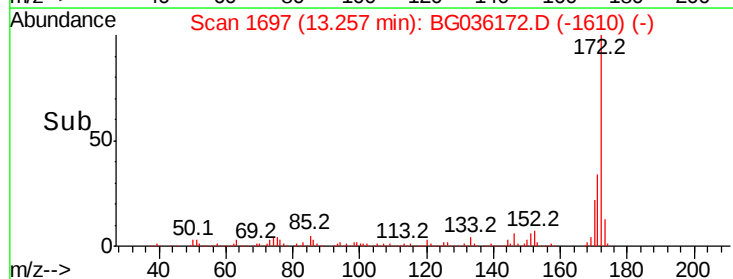
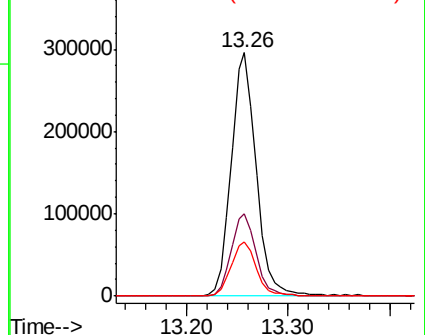


#44
2-Fluorobiphenyl
Concen: 96.833 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036172.D
Acq: 7 Aug 2018 21:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	22.3	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

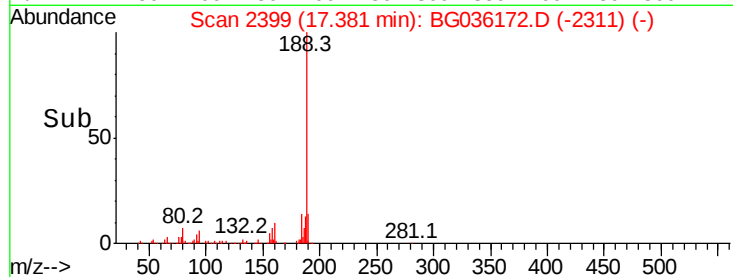
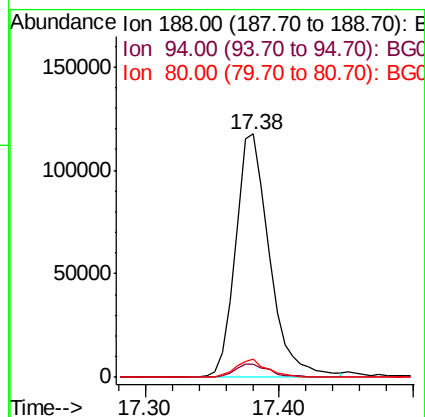
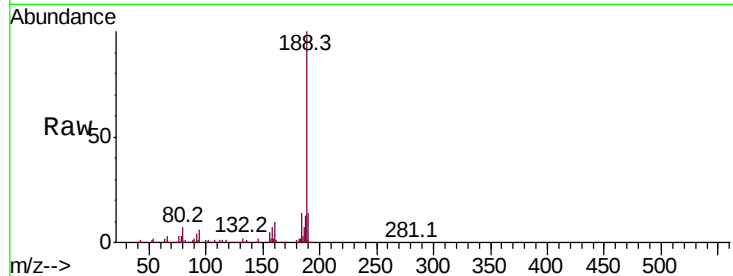




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036172.D
Acq: 7 Aug 2018 21:40

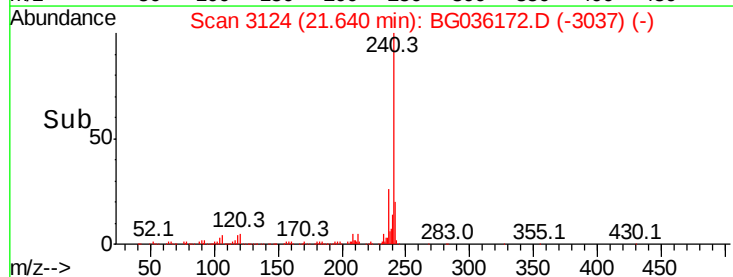
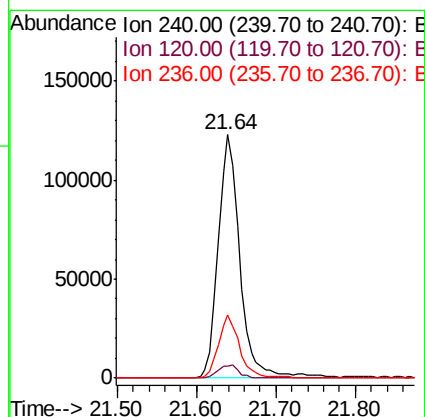
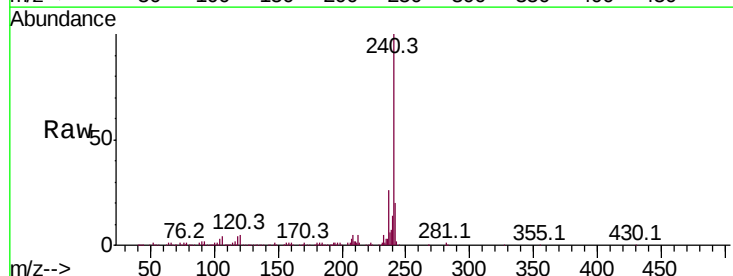
Instrument :
BNA_G
ClientSampleId :
073018-DBRI-E-D-S

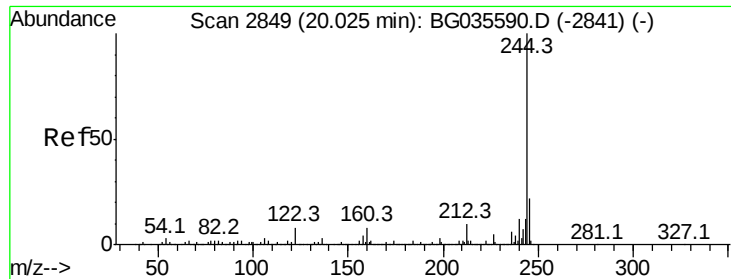
Tot Ion:188 Resp: 207344
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 7.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036172.D
Acq: 7 Aug 2018 21:40

Tgt Ion:240 Resp: 233637
Ion Ratio Lower Upper
240 100
120 5.1 6.8 10.2#
236 26.1 20.9 31.3

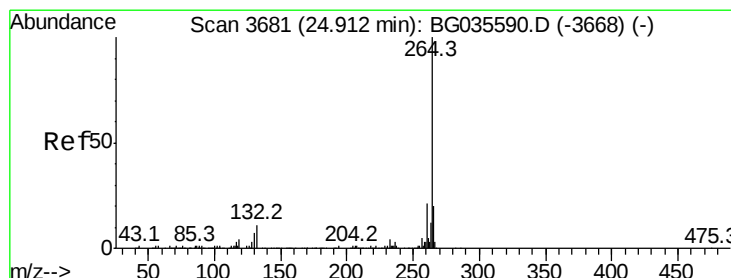
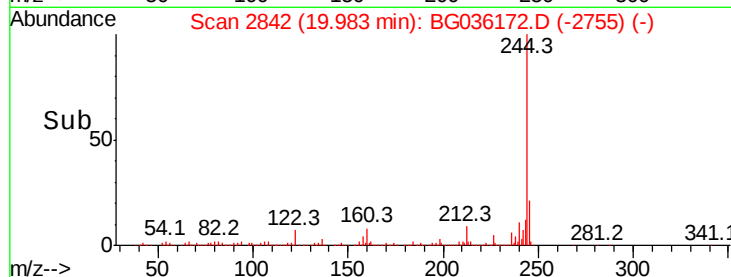
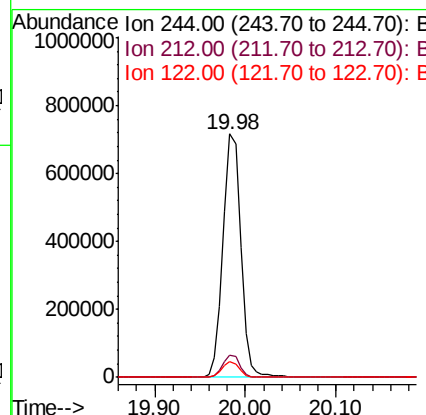
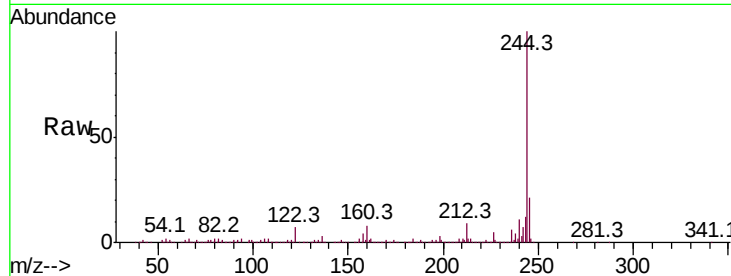




#78
 Terphenyl-d14
 Concen: 92.686 ng
 RT: 19.98 min Scan# 2842
 Delta R.T. -0.02 min
 Lab File: BG036172.D
 Acq: 7 Aug 2018 21:40

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	6.6	7.0	10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3667
 Delta R.T. -0.03 min
 Lab File: BG036172.D
 Acq: 7 Aug 2018 21:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.7	17.7	26.5

