

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036137.D
 Acq On : 6 Aug 2018 21:24
 Operator : JU/SJ
 Sample : J4330-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 07 01:26:07 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	27405	20.00	ng	-0.02
21) Naphthalene-d8	10.82	136	93883	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	68120	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	204418	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	230489	20.00	ng	-0.02
86) Perylene-d12	24.83	264	215269	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	69462	42.08	ng	0.00
7) Phenol-d6	7.19	99	59170	24.03	ng	-0.01
23) Nitrobenzene-d5	9.17	82	234729	104.45	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	108691	121.05	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	519515	102.17	ng	-0.02
78) Terphenyl-d14	19.99	244	1030276	98.53	ng	-0.02

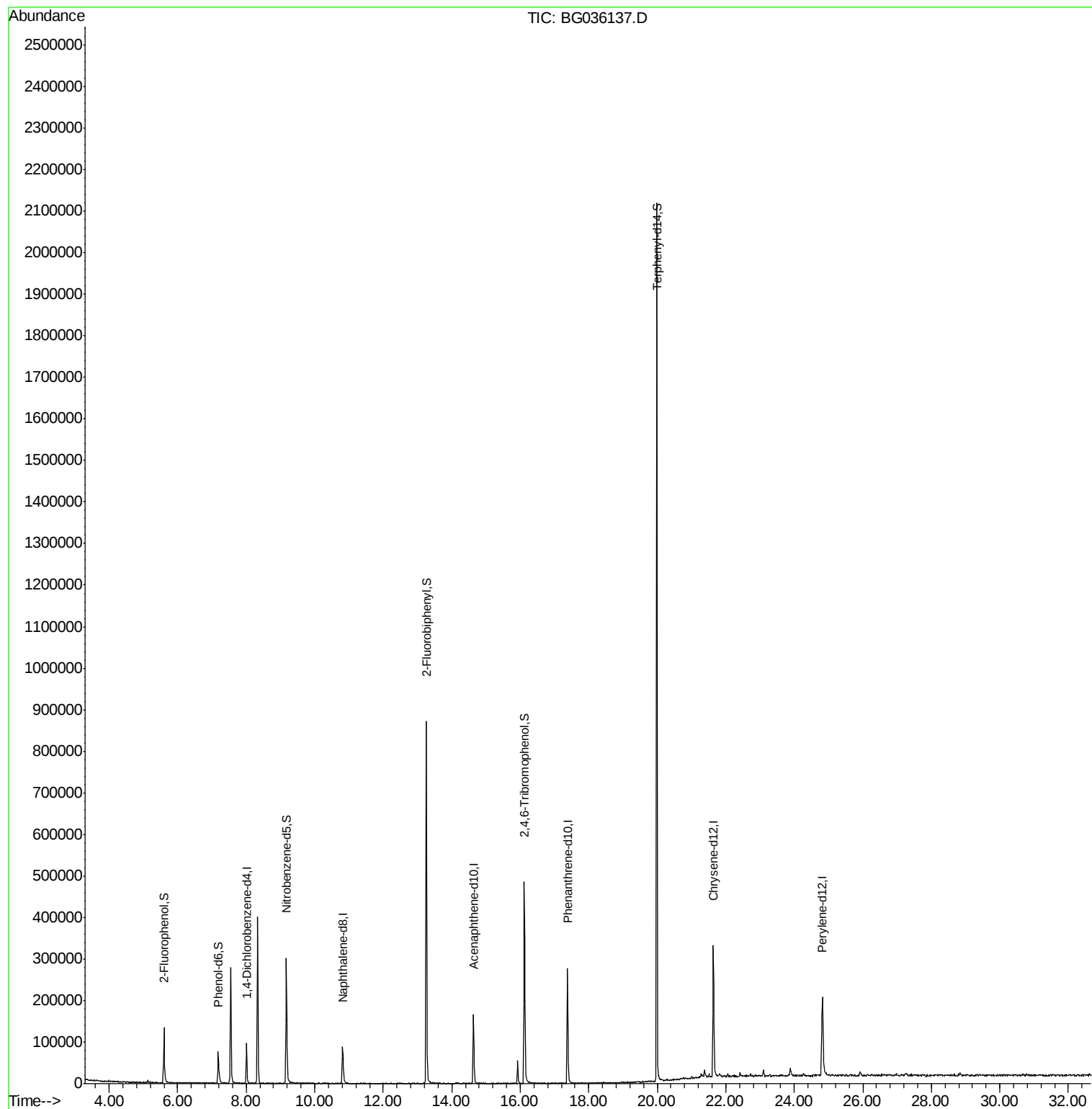
Target Compounds Qvalue

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

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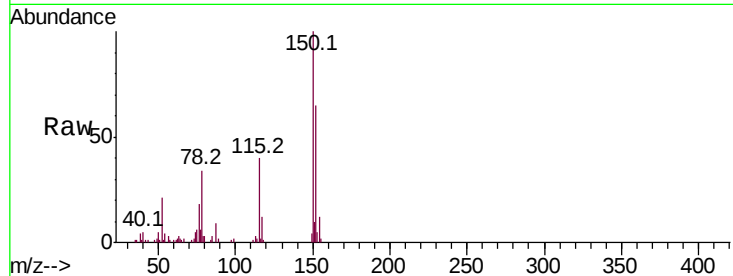


#1

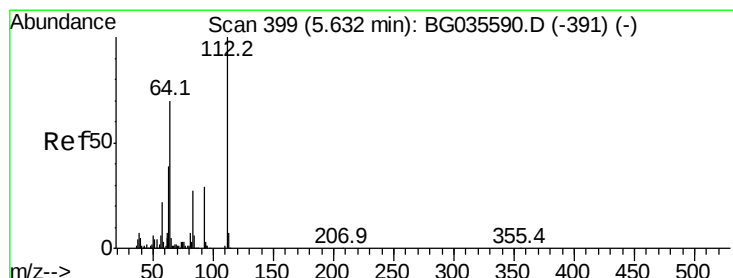
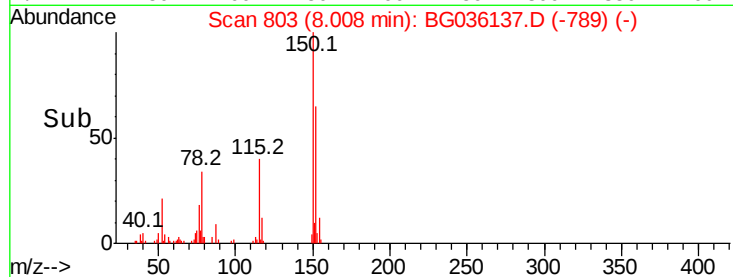
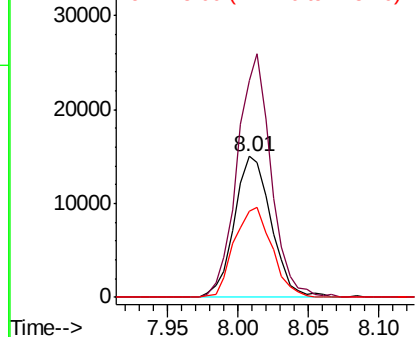
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036137.D
Acq: 6 Aug 2018 21:24

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

Tot Ion:152 Resp: 27405
Ion Ratio Lower Upper
152 100
150 153.7 126.6 189.8
115 61.5 53.0 79.4



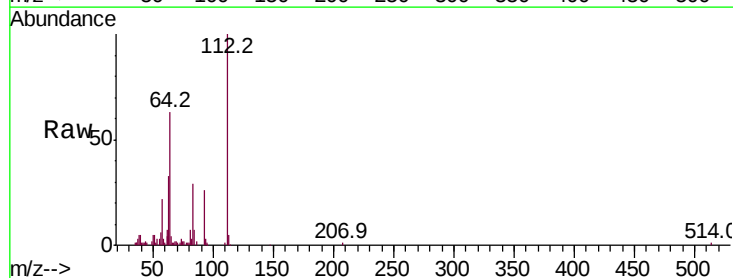
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



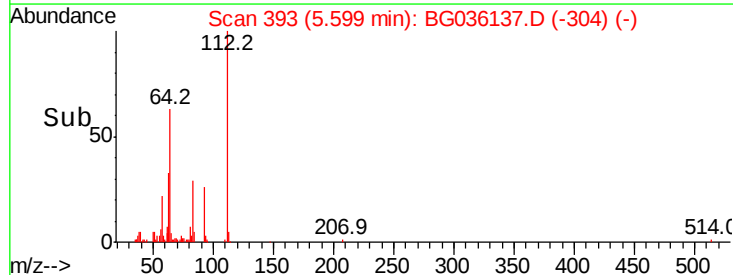
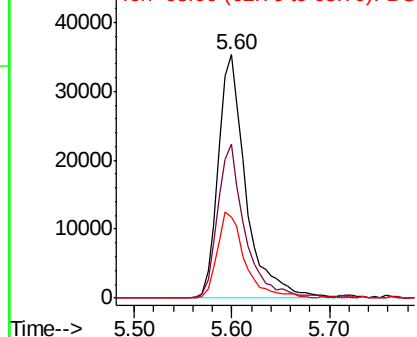
#5

2-Fluorophenol
Concen: 42.081 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: BG036137.D
Acq: 6 Aug 2018 21:24

Tgt Ion:112 Resp: 69462
Ion Ratio Lower Upper
112 100
64 63.1 56.3 84.5
63 33.1 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: 24.026 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036137.D

Acq: 6 Aug 2018 21:24

Instrument :

BNA_G

ClientSampleId :

073018-DBRI-E-D-M

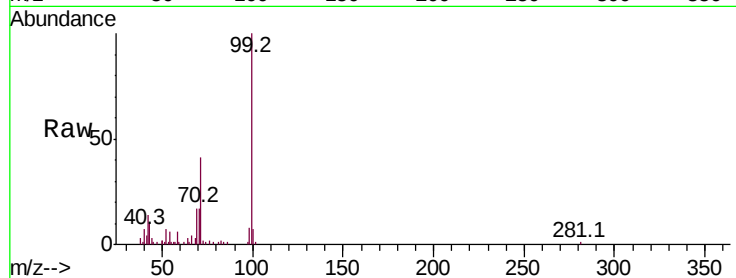
Tot Ion: 99 Resp: 59170

Ion Ratio Lower Upper

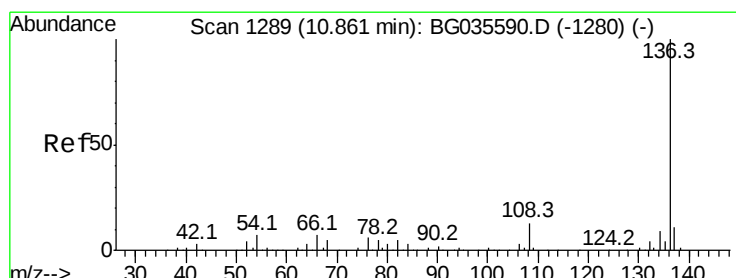
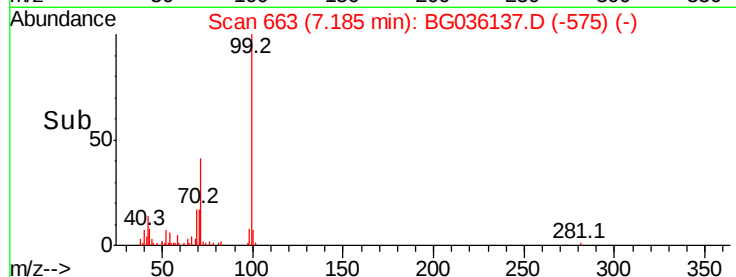
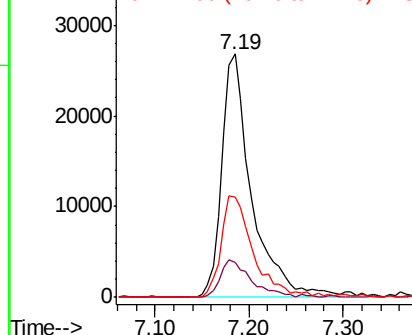
99 100

42 14.3 14.1 21.1

71 41.4 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# 1281

Delta R.T. -0.02 min

Lab File: BG036137.D

Acq: 6 Aug 2018 21:24

Tgt Ion: 136 Resp: 93883

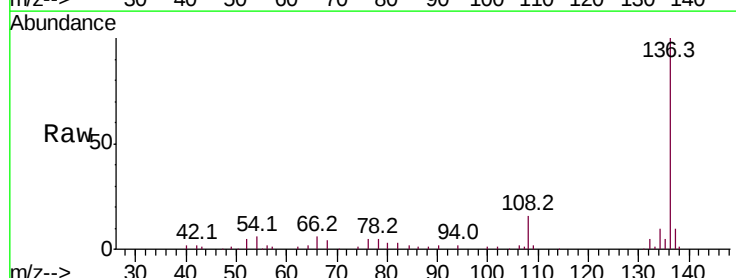
Ion Ratio Lower Upper

136 100

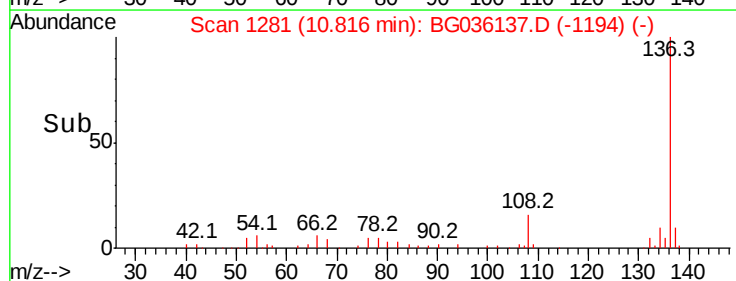
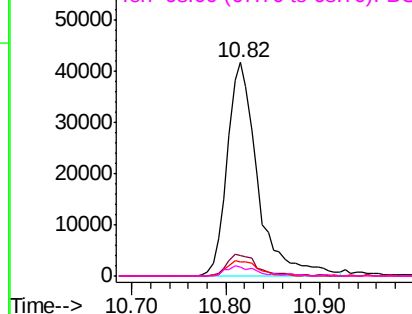
137 9.8 9.2 13.8

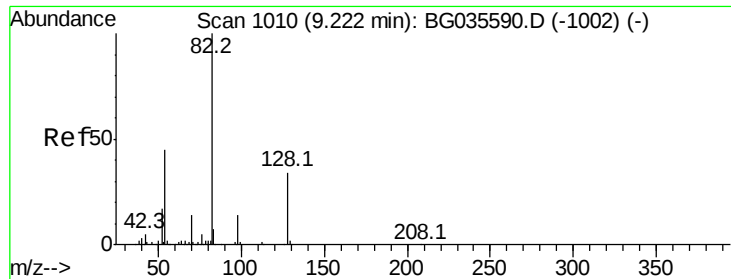
54 6.4 10.3 15.5#

68 4.5 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

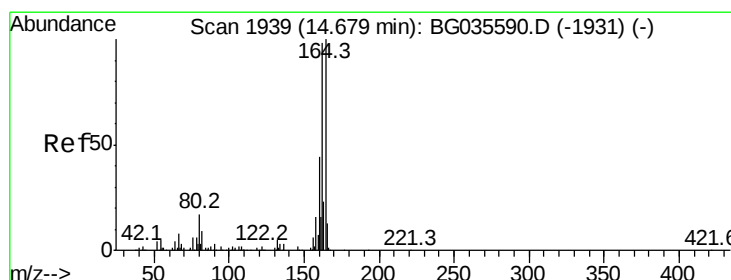
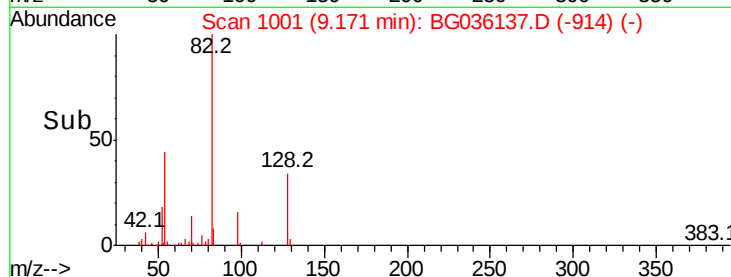
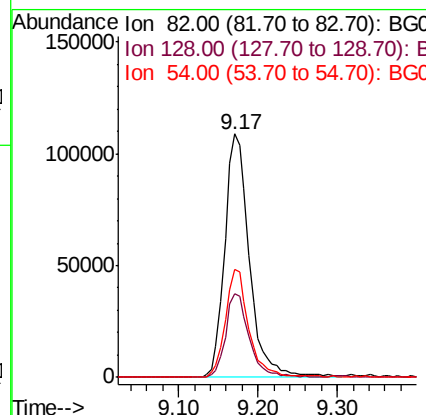
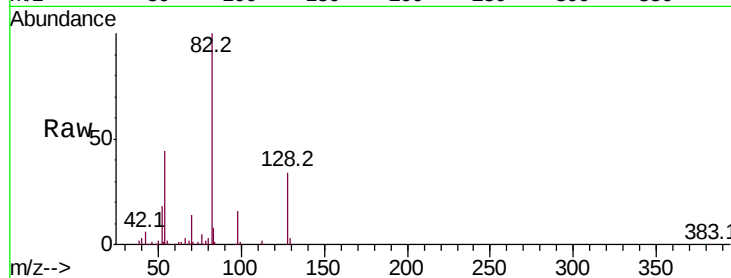




#23
Nitrobenzene-d5
Concen: 104.446 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036137.D
Acq: 6 Aug 2018 21:24

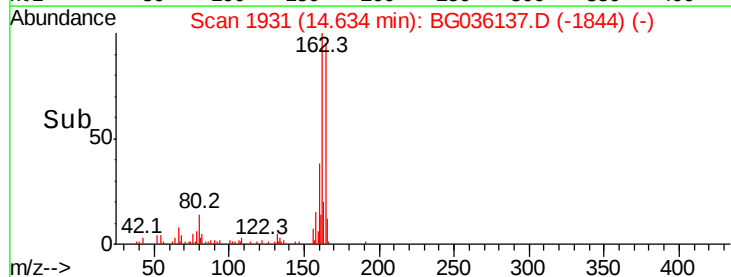
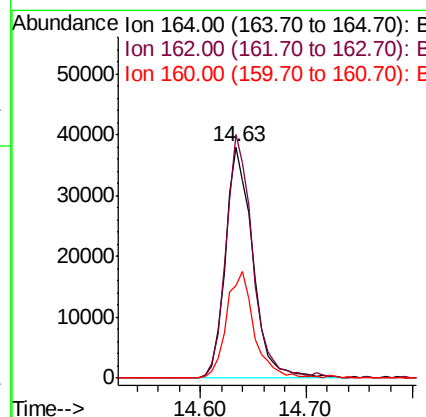
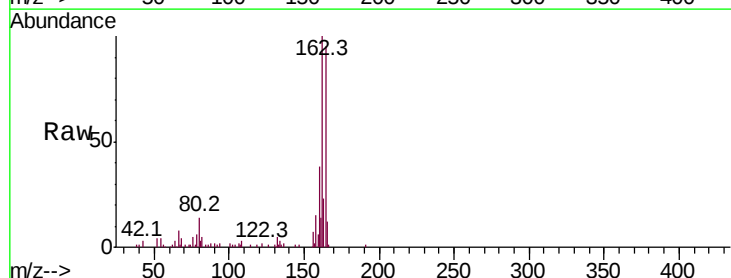
Instrument :
BNA_G
ClientSampleId :
073018-DBRI-E-D-M

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	44.3	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: BG036137.D
Acq: 6 Aug 2018 21:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	78.8	118.2
160	40.0	35.4	53.0

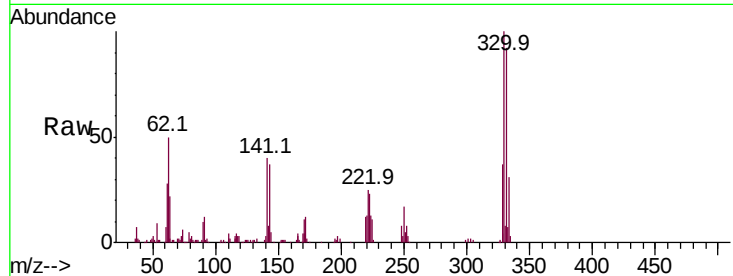




#41
 2,4,6-Tribromophenol
 Concen: 121.055 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036137.D
 Acq: 6 Aug 2018 21:24

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.6
141	37.3	25.2	37.8

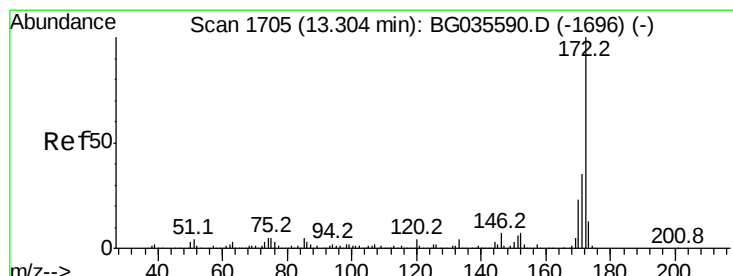
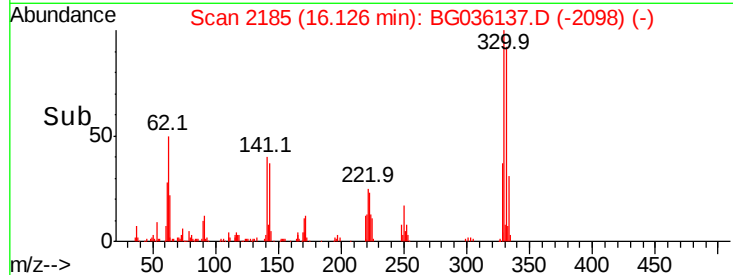
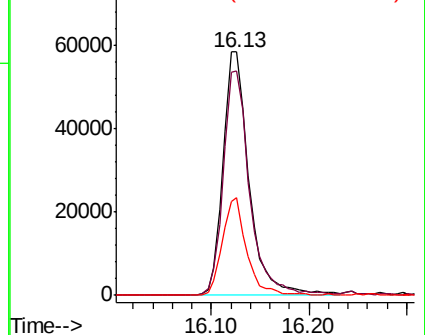


Abundance

Ion 329.80 (329.50 to 330.50): E

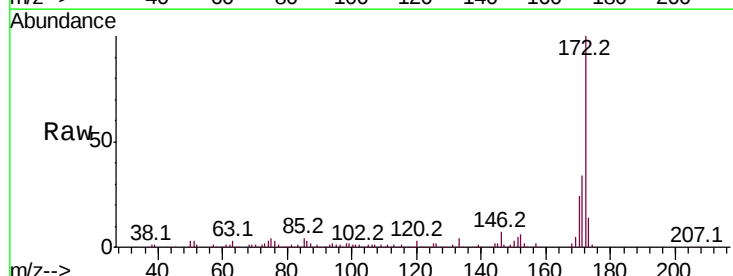
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 102.175 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036137.D
 Acq: 6 Aug 2018 21:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.0	45.0
170	23.8	19.5	29.3

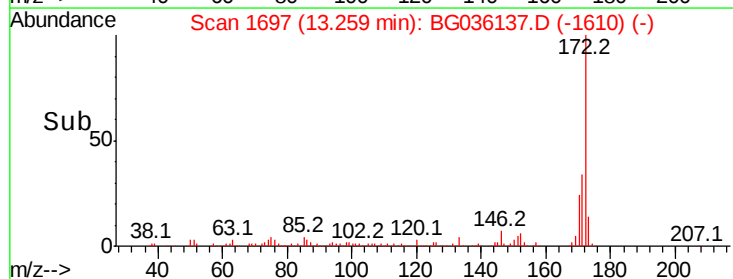
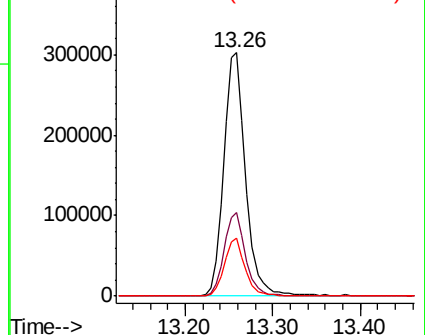


Abundance

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

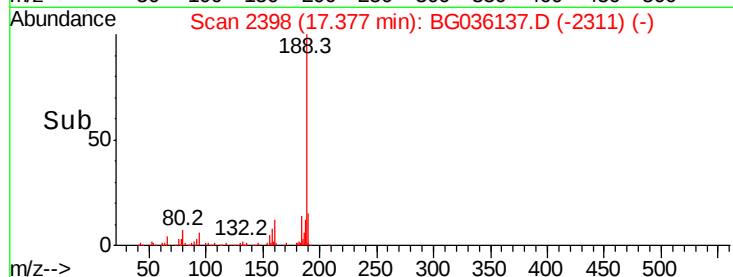
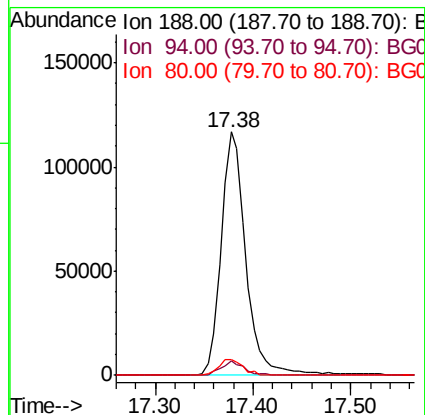
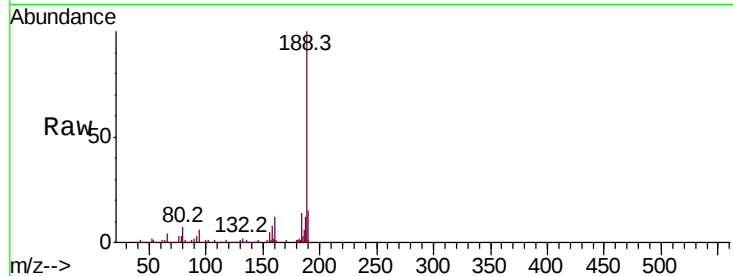




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036137.D
Acq: 6 Aug 2018 21:24

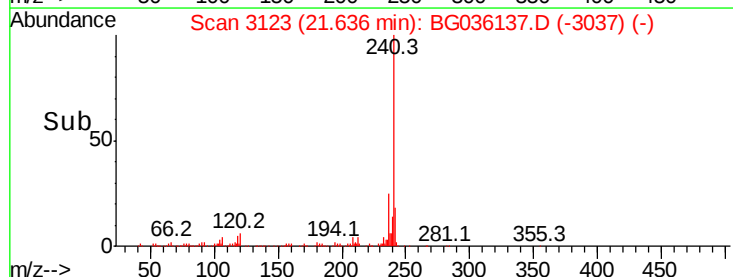
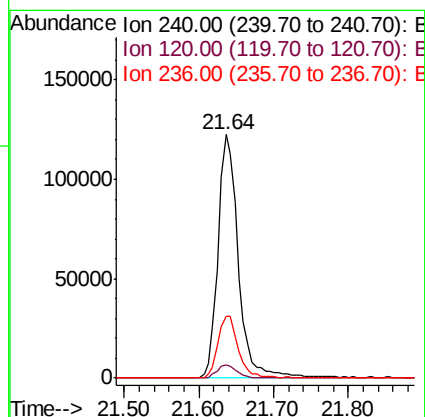
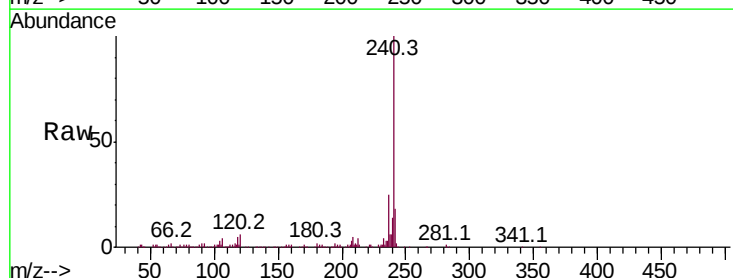
Instrument :
BNA_G
ClientSampleId :
073018-DBRI-E-D-M

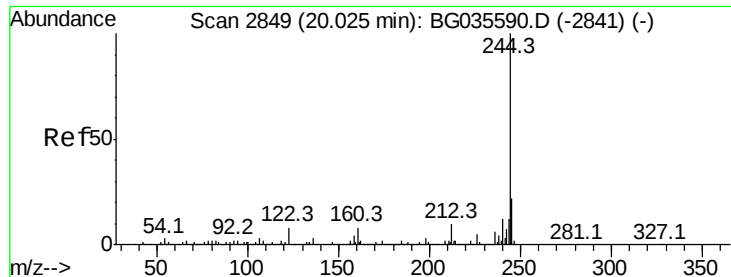
Tot Ion:188 Resp: 204418
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 6.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3123
Delta R.T. -0.02 min
Lab File: BG036137.D
Acq: 6 Aug 2018 21:24

Tgt Ion:240 Resp: 230489
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 98.531 ng

RT: 19.99 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036137.D

Acq: 6 Aug 2018 21:24

Instrument :

BNA_G

ClientSampleId :

073018-DBRI-E-D-M

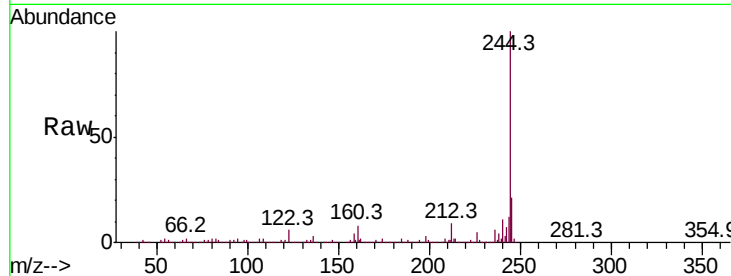
Tot Ion:244 Resp: 1030276

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

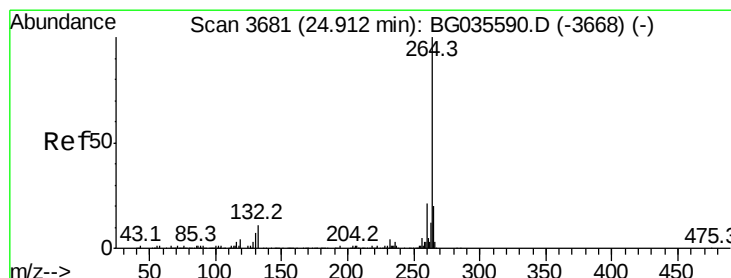
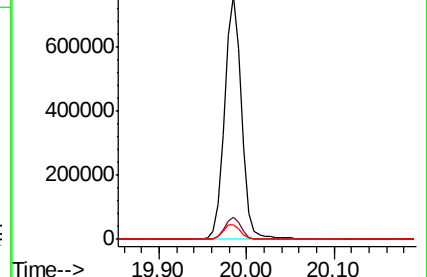
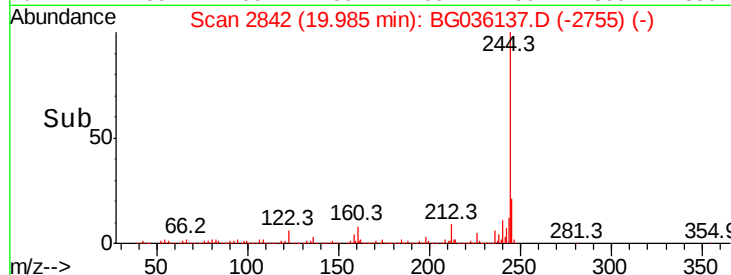
122 6.2 7.0 10.4#



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: 24.83 min Scan# 3666

Delta R.T. -0.03 min

Lab File: BG036137.D

Acq: 6 Aug 2018 21:24

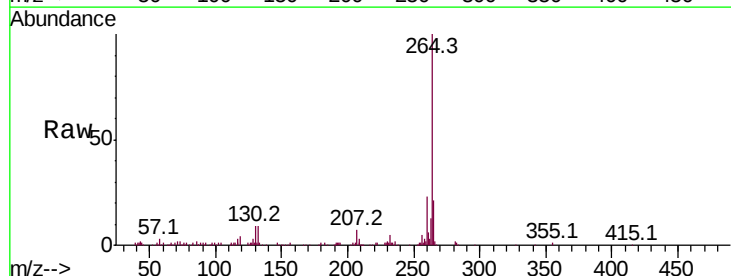
Tgt Ion:264 Resp: 215269

Ion Ratio Lower Upper

264 100

260 22.7 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

