

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036150.D
 Acq On : 7 Aug 2018 6:35
 Operator : JU/SJ
 Sample : J4277-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-B

Quant Time: Aug 07 08:40:54 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	34475	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	125353	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	88602	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	241062	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	254126	20.00	ng	-0.02
86) Perylene-d12	24.83	264	232677	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	285193	137.34	ng	0.00
7) Phenol-d6	7.18	99	358710	115.78	ng	-0.01
23) Nitrobenzene-d5	9.17	82	297925	99.29	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	204777	175.35	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	693865	104.92	ng	-0.02
78) Terphenyl-d14	19.99	244	1293895	112.23	ng	-0.01

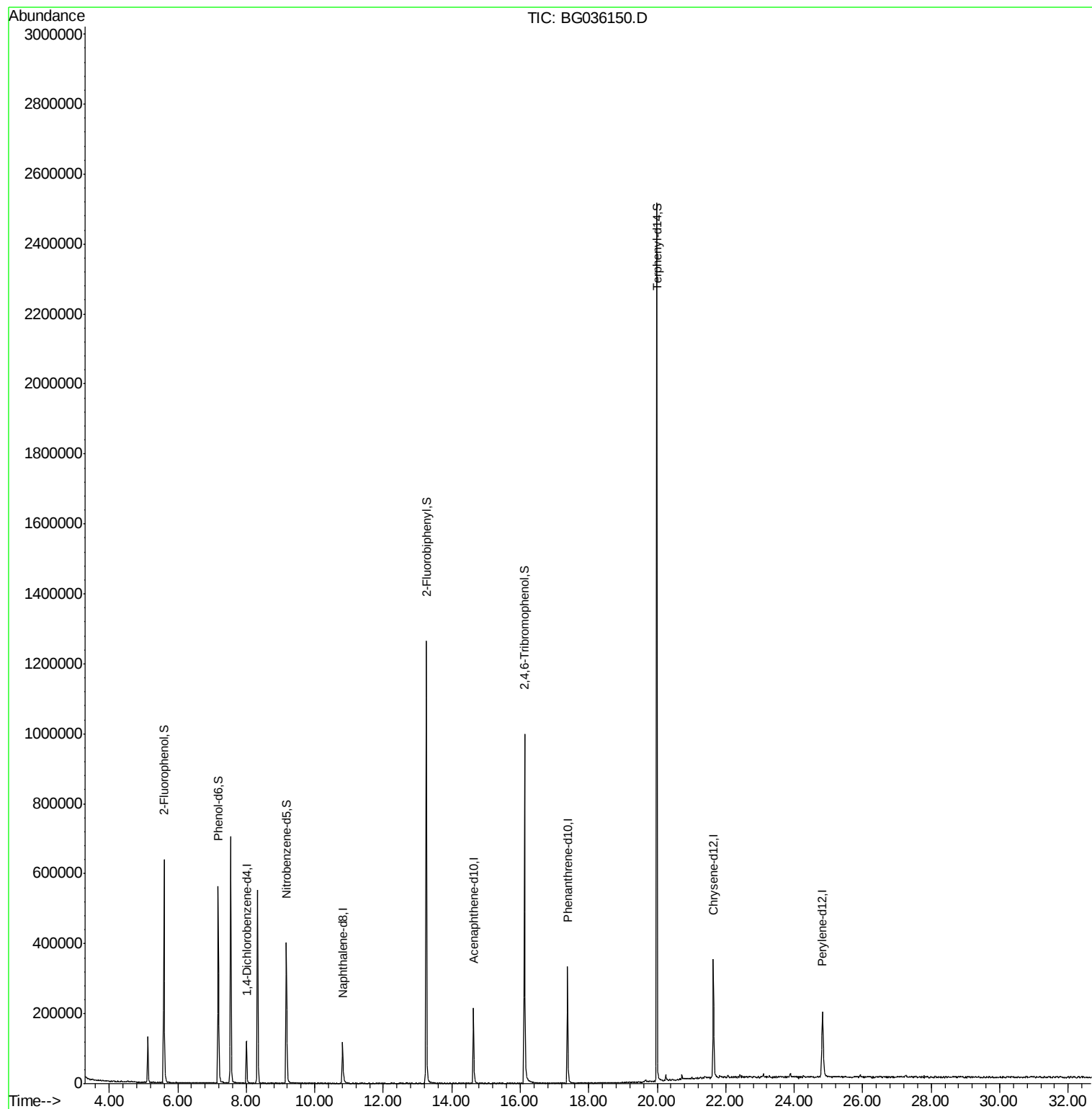
Target Compounds Qvalue

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

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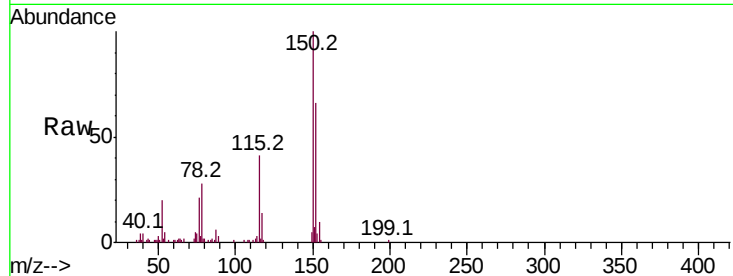


#1

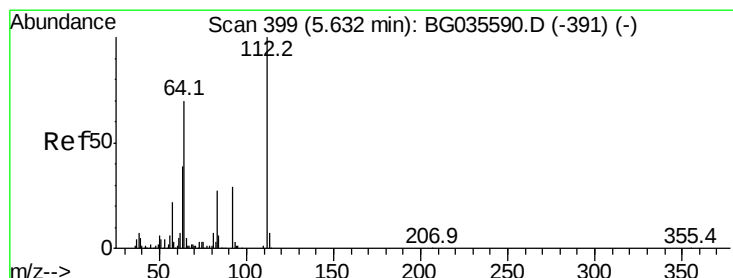
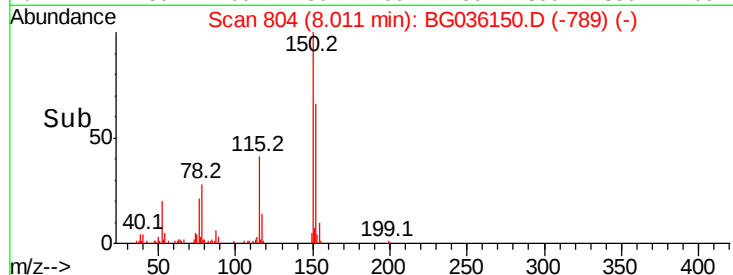
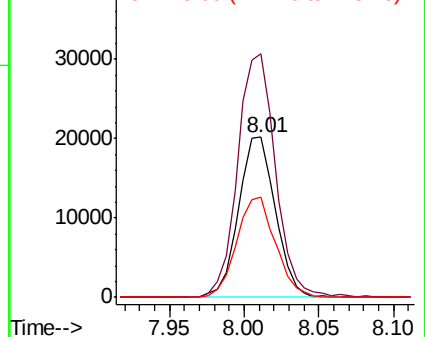
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036150.D
Acq: 7 Aug 2018 6:35

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-B

Tot Ion:152 Resp: 34475
Ion Ratio Lower Upper
152 100
150 151.9 126.6 189.8
115 62.7 53.0 79.4



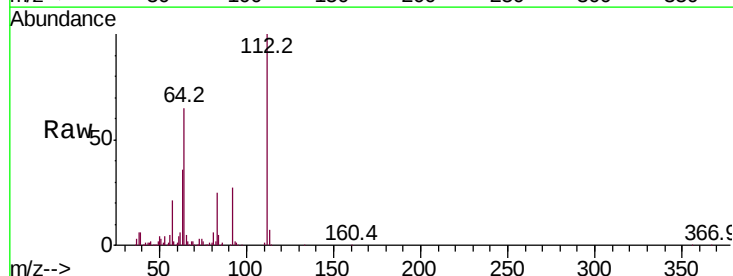
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



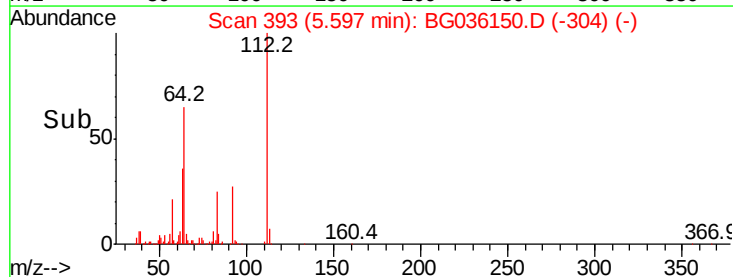
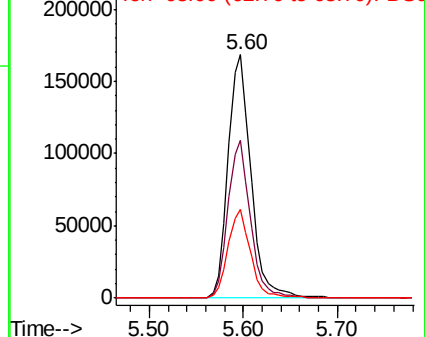
#5

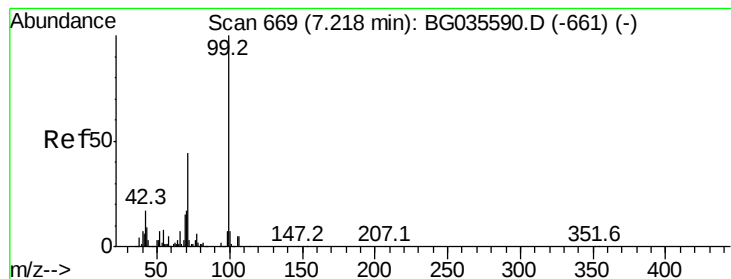
2-Fluorophenol
Concen: 137.342 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036150.D
Acq: 7 Aug 2018 6:35

Tgt Ion:112 Resp: 285193
Ion Ratio Lower Upper
112 100
64 64.7 56.3 84.5
63 36.2 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: 115.783 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036150.D

Acq: 7 Aug 2018 6:35

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-B

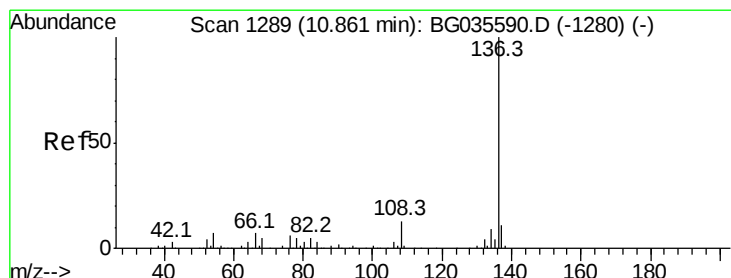
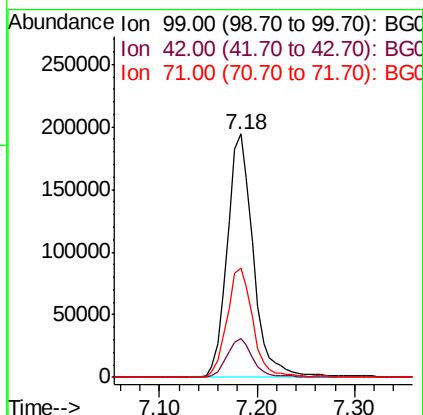
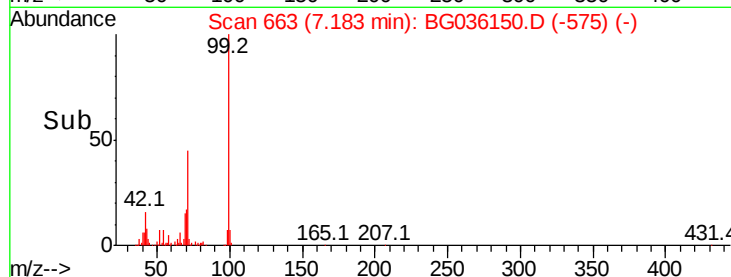
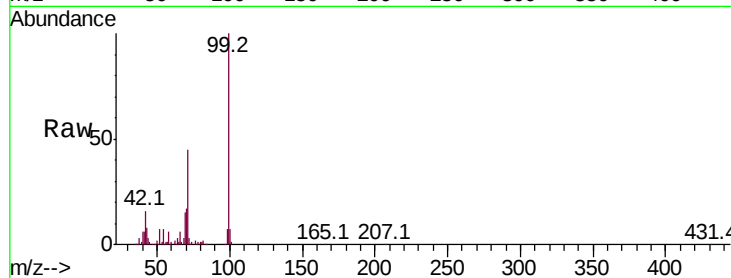
Tot Ion: 99 Resp: 358710

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

71 44.9 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036150.D

Acq: 7 Aug 2018 6:35

Tgt Ion: 136 Resp: 125353

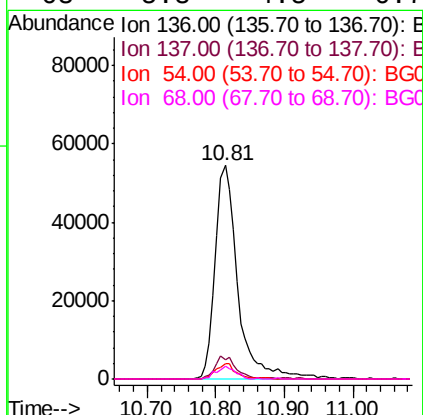
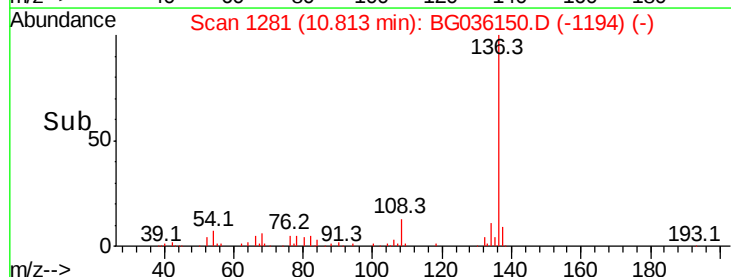
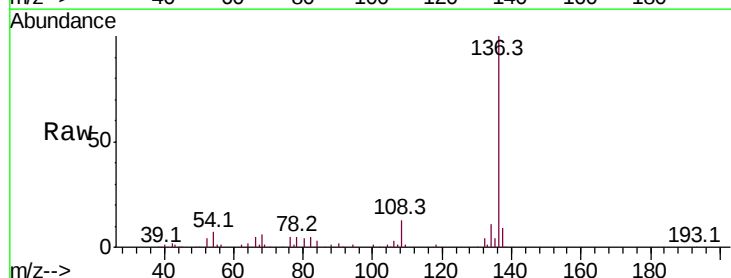
Ion Ratio Lower Upper

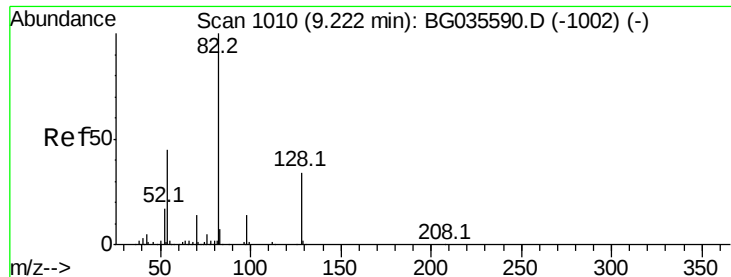
136 100

137 9.3 9.2 13.8

54 7.5 10.3 15.5#

68 5.8 4.5 6.7

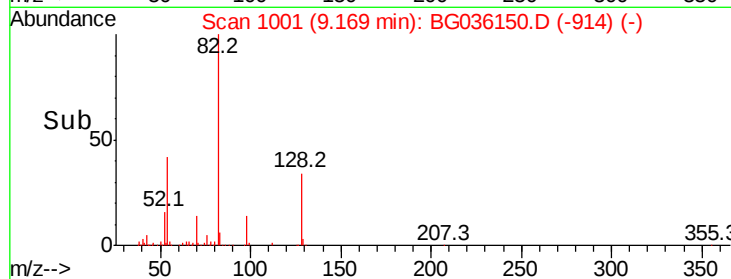
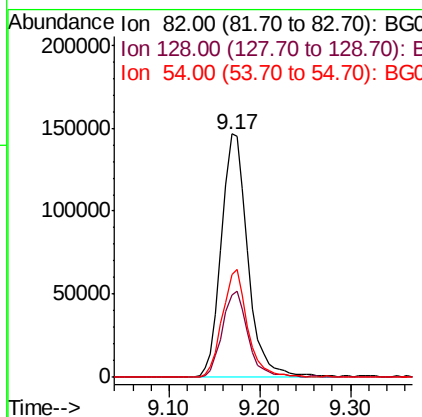
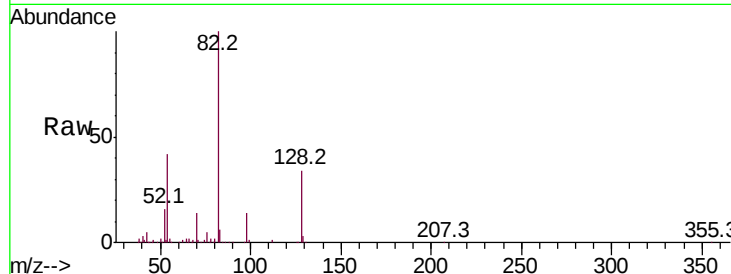




#23
 Nitrobenzene-d5
 Concen: 99.286 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036150.D
 Acq: 7 Aug 2018 6:35

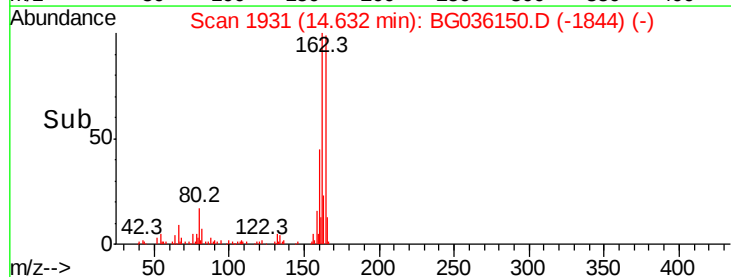
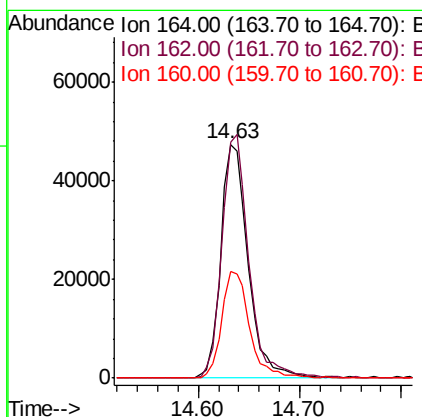
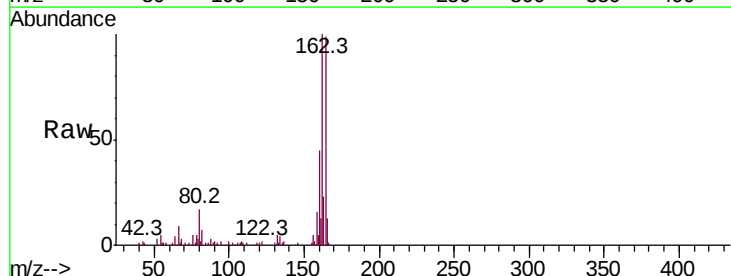
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-B

Tot Ion	82	Resp	297925
Ion	Ratio	Lower	Upper
82	100		
128	34.0	29.7	44.5
54	42.1	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: BG036150.D
 Acq: 7 Aug 2018 6:35

Tgt Ion	164	Resp	88602
Ion	Ratio	Lower	Upper
164	100		
162	100.8	78.8	118.2
160	45.7	35.4	53.0

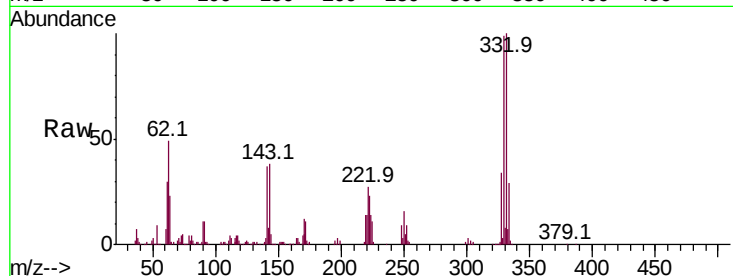




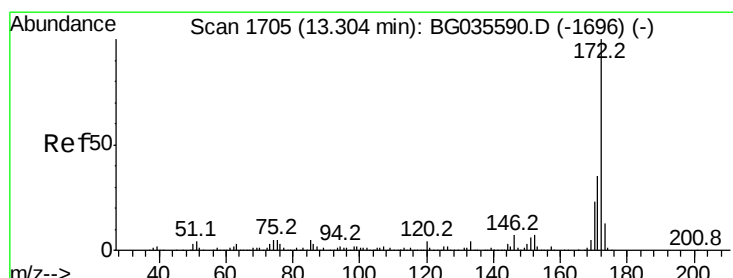
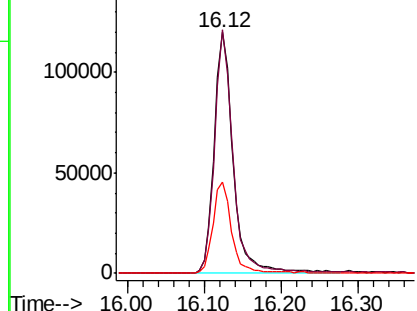
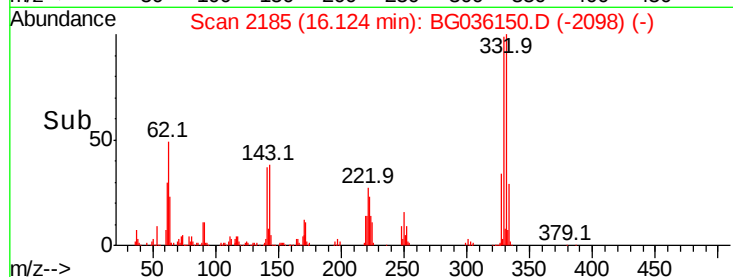
#41
2,4,6-Tribromophenol
Concen: 175.348 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036150.D
Acq: 7 Aug 2018 6:35

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	36.2	25.2	37.8

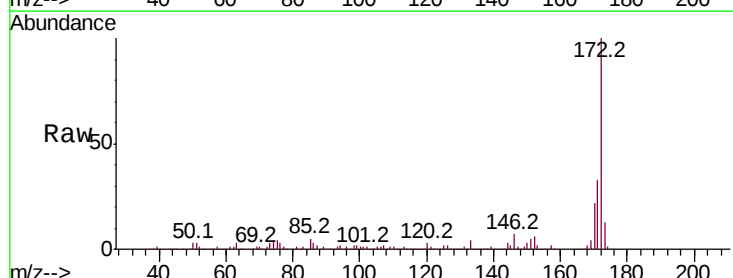


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

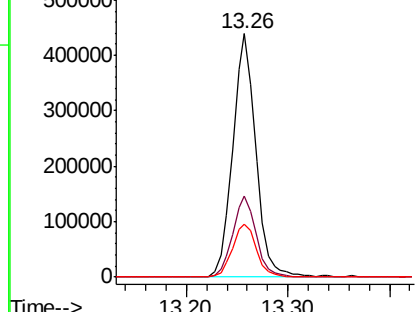
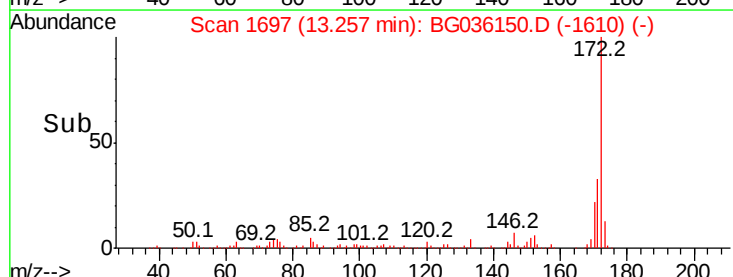


#44
2-Fluorobiphenyl
Concen: 104.919 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036150.D
Acq: 7 Aug 2018 6:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.0	45.0
170	21.9	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: BG036150.D

Acq: 7 Aug 2018 6:35

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-B

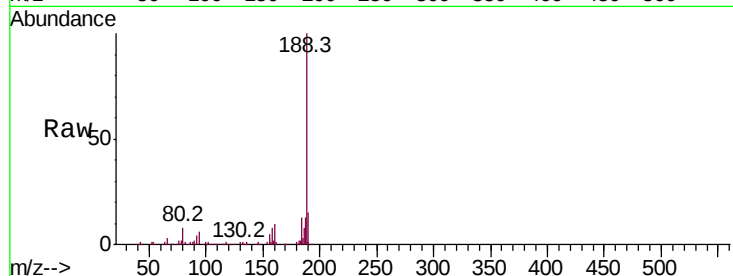
Tot Ion:188 Resp: 241062

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

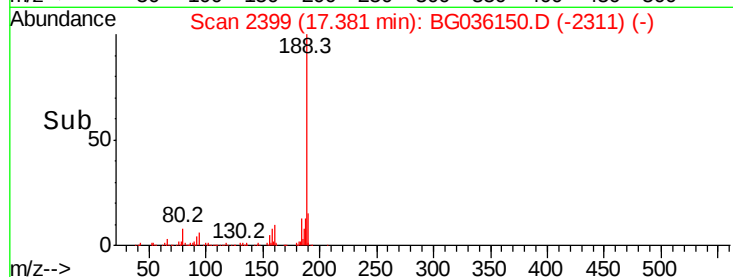
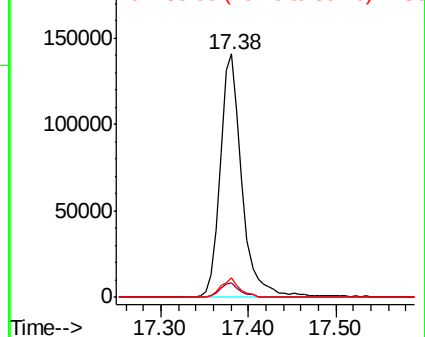
80 7.9 7.7 11.5



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: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036150.D

Acq: 7 Aug 2018 6:35

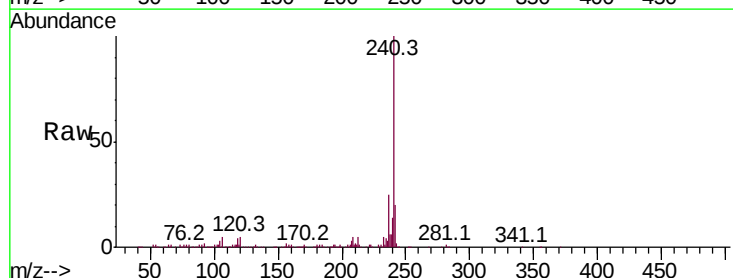
Tgt Ion:240 Resp: 254126

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

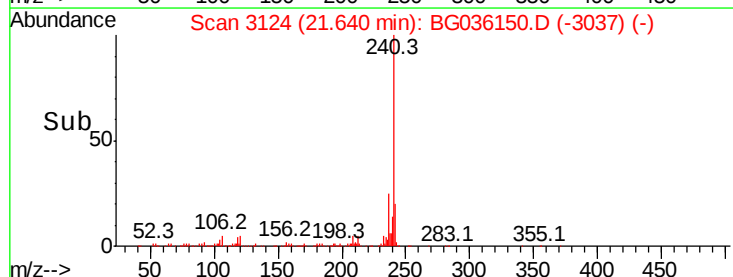
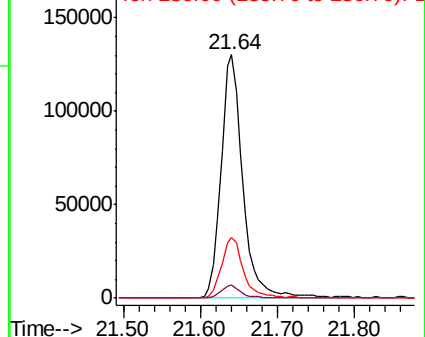
236 25.1 20.9 31.3

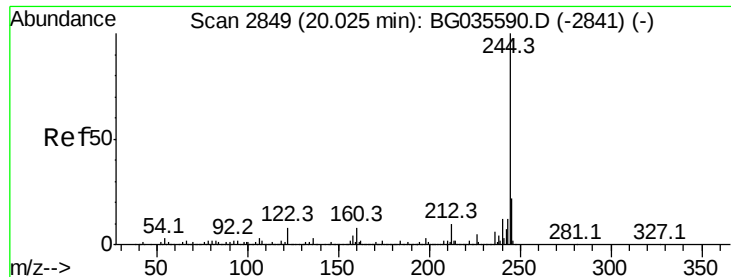


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

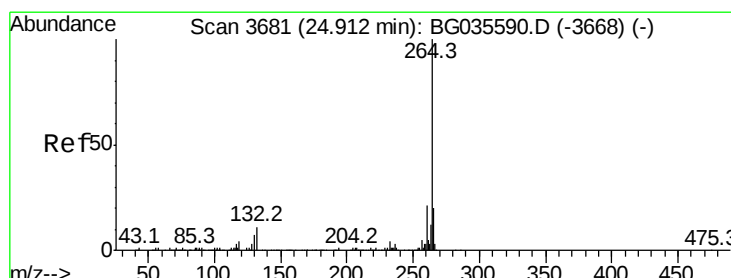
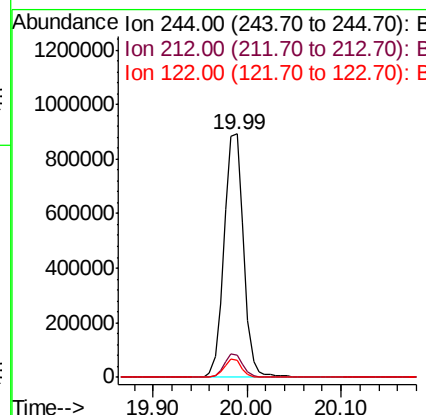
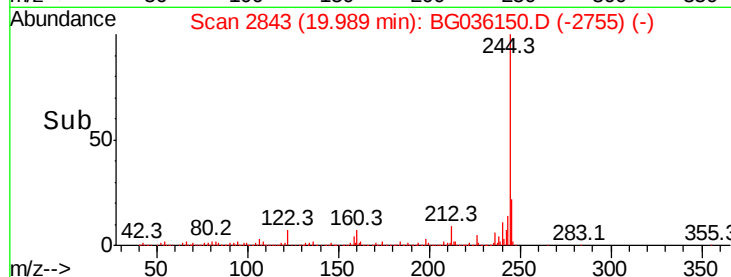
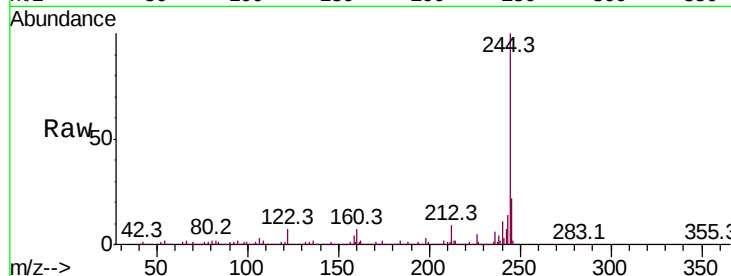




#78
 Terphenyl-d14
 Concen: 112.233 ng
 RT: 19.99 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BG036150.D
 Acq: 7 Aug 2018 6:35

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-B

Tot Ion:244 Resp: 1293895
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.8 8.8#
 122 6.8 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: BG036150.D
 Acq: 7 Aug 2018 6:35

Tgt Ion:264 Resp: 232677
 Ion Ratio Lower Upper
 264 100
 260 24.9 17.4 26.0
 265 22.5 17.7 26.5

