

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036441.D
 Acq On : 27 Aug 2018 21:16
 Operator : JU/SJ
 Sample : J4583-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TOD1-SB-101-02-03-0-52

Quant Time: Aug 28 03:39:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

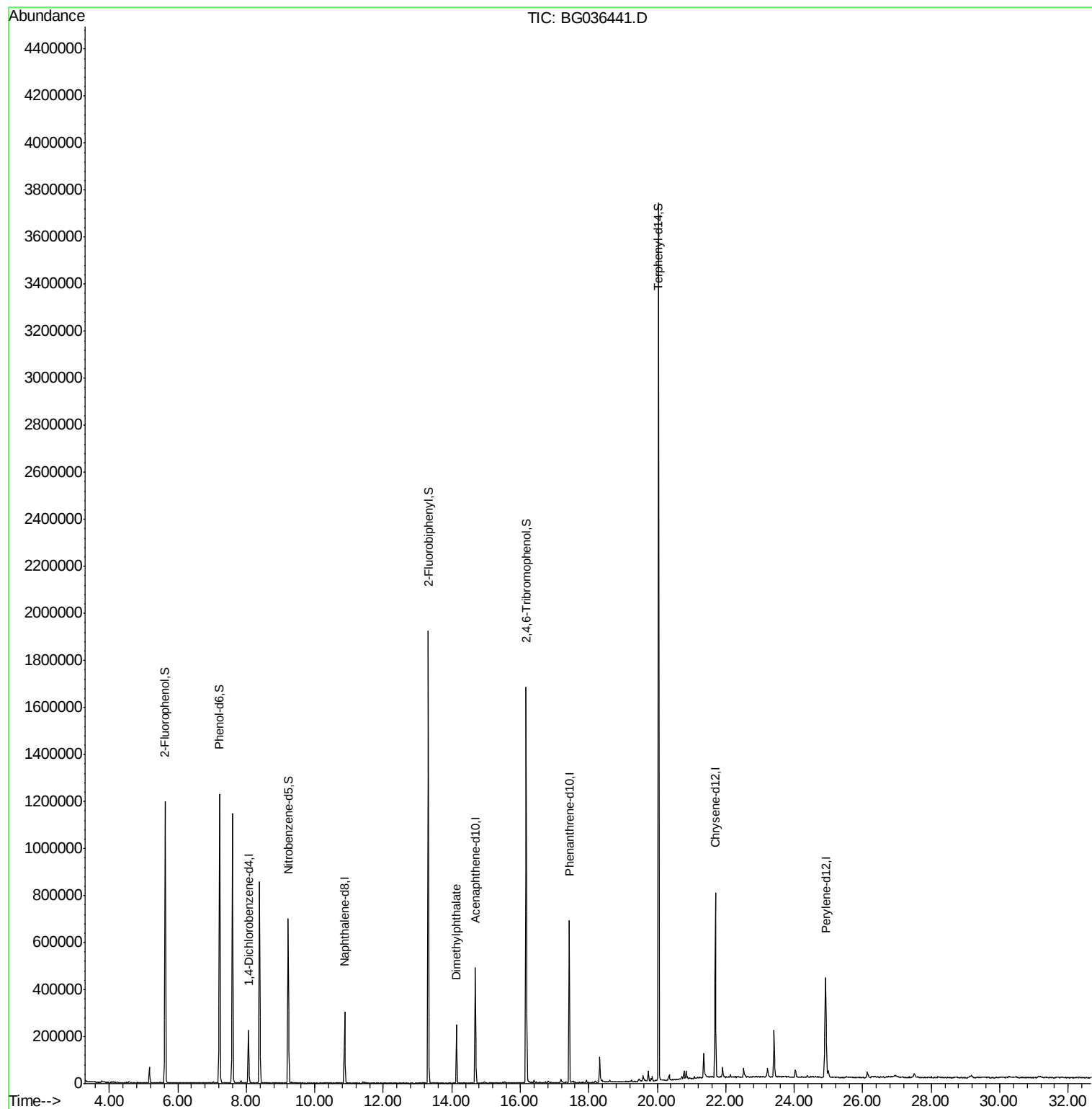
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	63815	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	261901	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	171176	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	426535	20.00	ng	0.00
75) Chrysene-d12	21.70	240	464918	20.00	ng	-0.01
86) Perylene-d12	24.91	264	467311	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	499287	124.11	ng	0.00
7) Phenol-d6	7.22	99	707513	122.84	ng	0.00
23) Nitrobenzene-d5	9.23	82	425767	88.20	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	306075	149.85	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1008366	84.11	ng	0.00
78) Terphenyl-d14	20.04	244	1697014	85.32	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.13	163	166695	11.926	ng	99

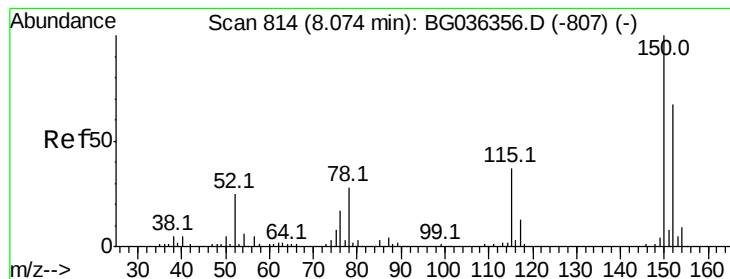
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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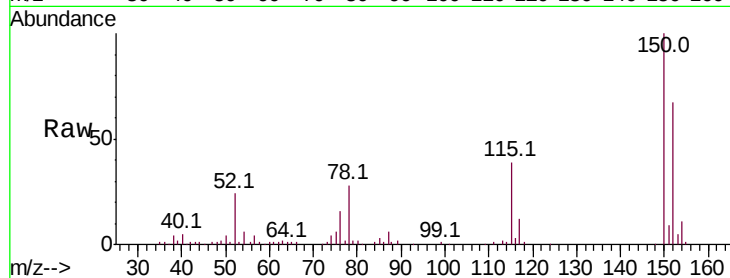


#1

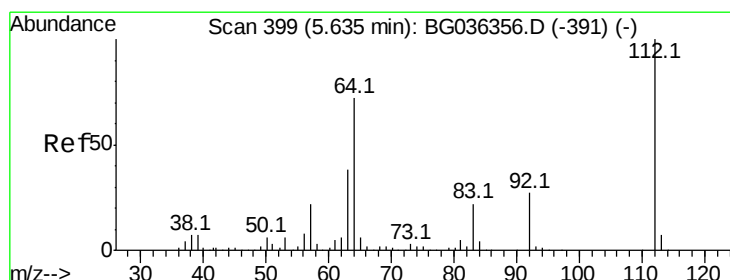
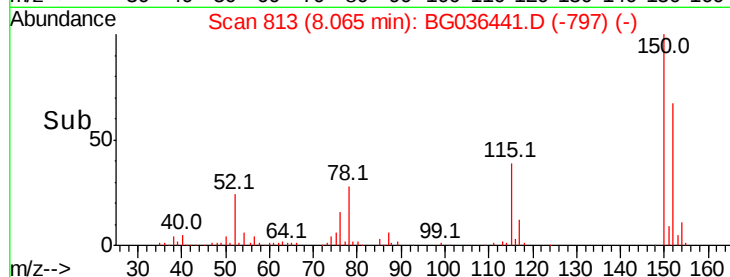
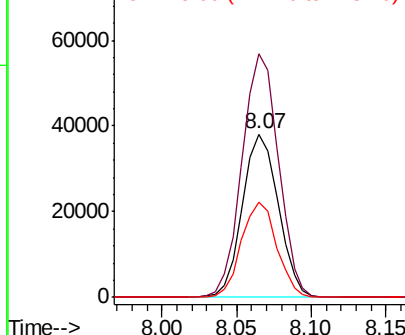
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036441.D
Acq: 27 Aug 2018 21:16

Instrument :
BNA_G
ClientSampleId :
TOD1-SB-101-02-03-0-52

Tot Ion:152 Resp: 63815
Ion Ratio Lower Upper
152 100
150 149.1 119.5 179.3
115 58.3 44.5 66.7



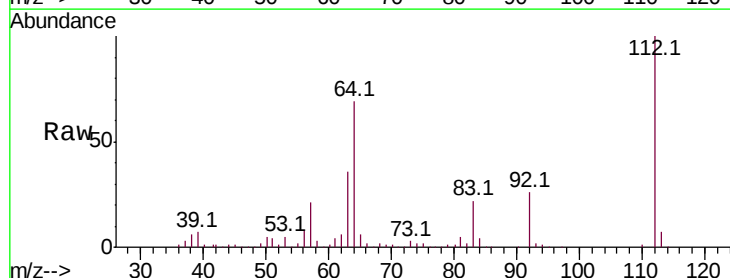
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



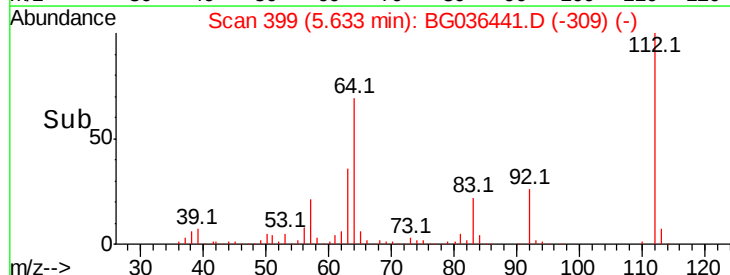
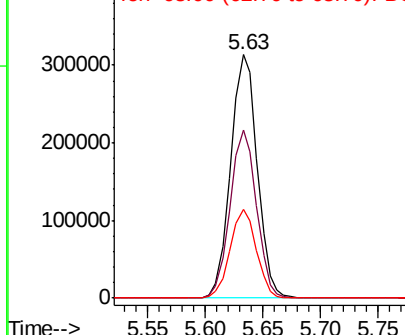
#5

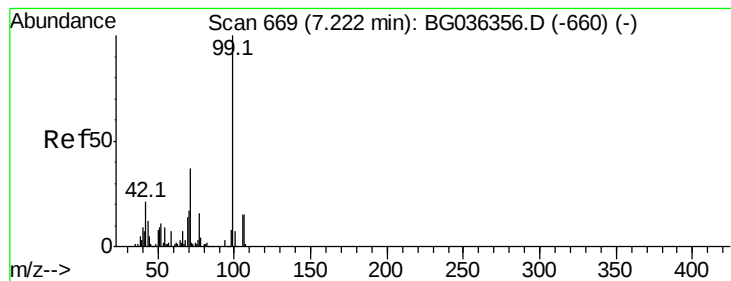
2-Fluorophenol
Concen: 124.111 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036441.D
Acq: 27 Aug 2018 21:16

Tgt Ion:112 Resp: 499287
Ion Ratio Lower Upper
112 100
64 68.9 57.2 85.8
63 36.4 30.8 46.2



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: 122.837 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036441.D

Acq: 27 Aug 2018 21:16

Instrument :

BNA_G

ClientSampleId :

TOD1-SB-101-02-03-0-52

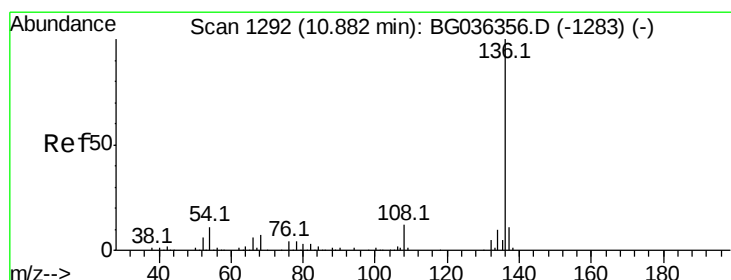
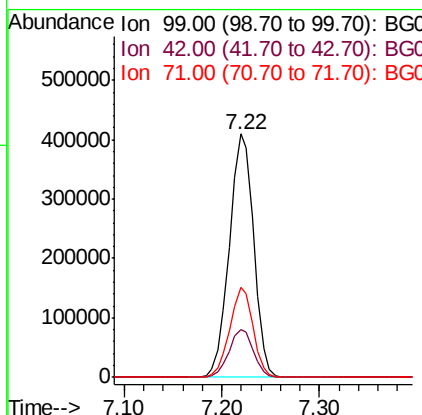
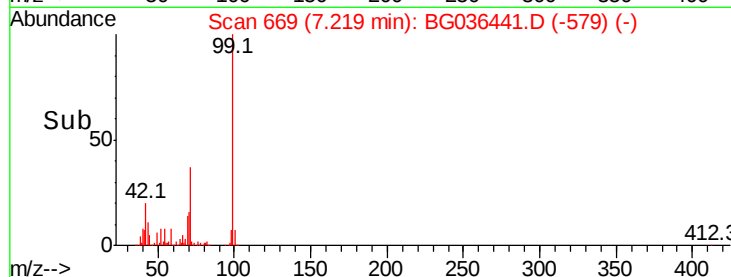
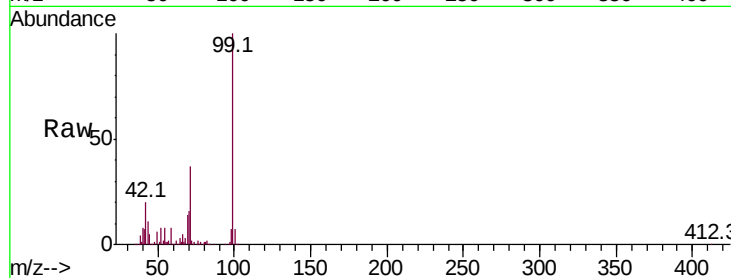
Tot Ion: 99 Resp: 707513

Ion Ratio Lower Upper

99 100

42 19.6 16.5 24.7

71 37.0 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036441.D

Acq: 27 Aug 2018 21:16

Tgt Ion: 136 Resp: 261901

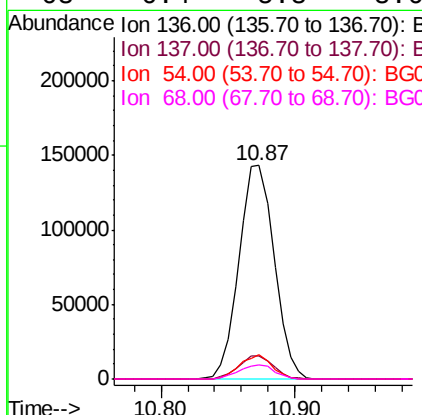
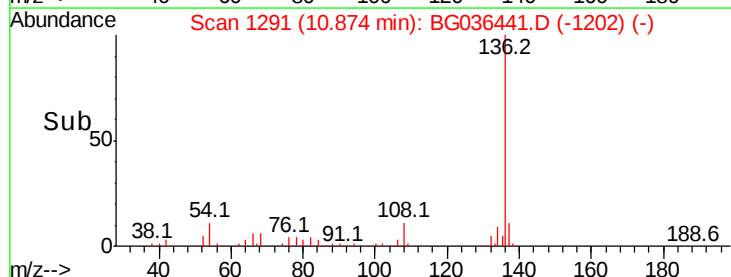
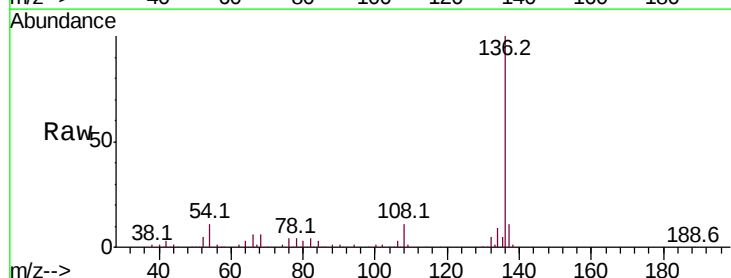
Ion Ratio Lower Upper

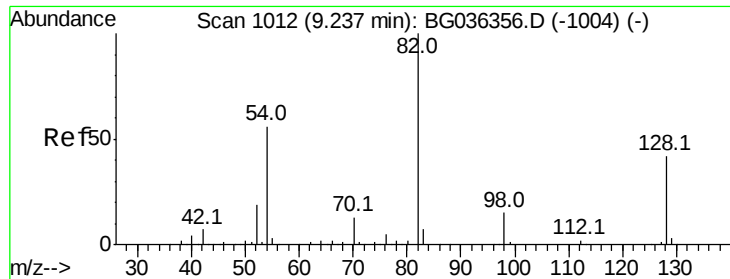
136 100

137 10.8 8.8 13.2

54 11.1 9.2 13.8

68 6.4 5.8 8.6

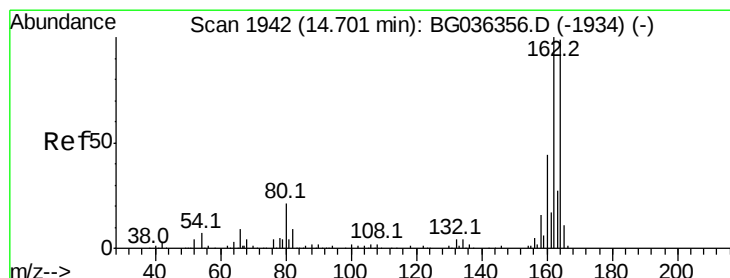
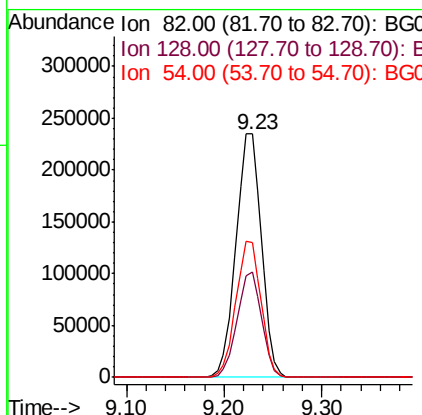
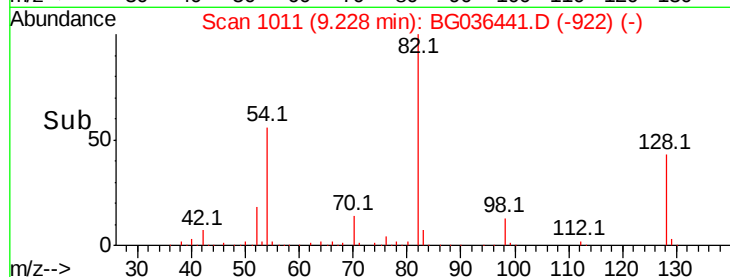
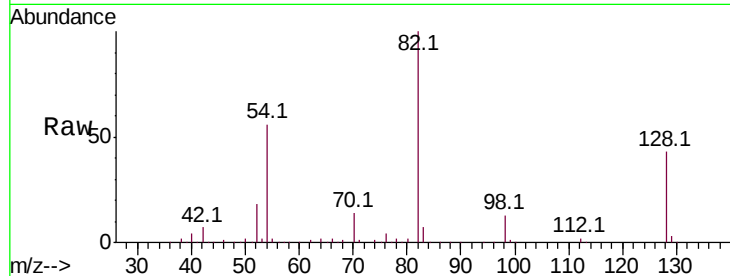




#23
Nitrobenzene-d5
Concen: 88.204 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036441.D
Acq: 27 Aug 2018 21:16

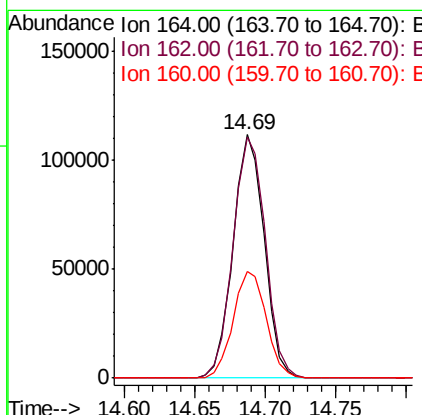
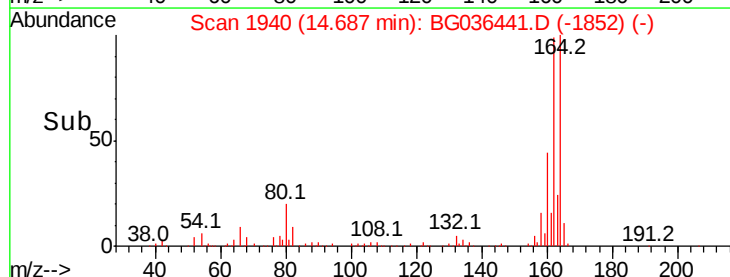
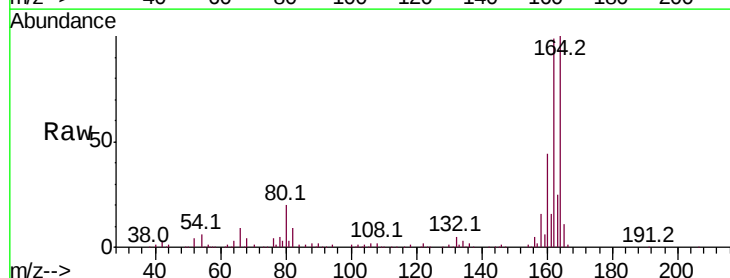
Instrument :
BNA_G
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TOD1-SB-101-02-03-0-52

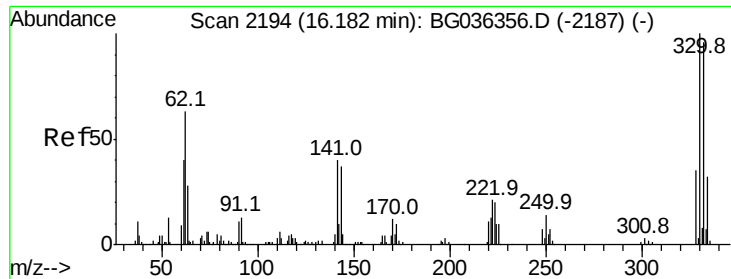
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.3	49.9
54	55.5	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036441.D
Acq: 27 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.7	121.1
160	43.7	35.3	52.9

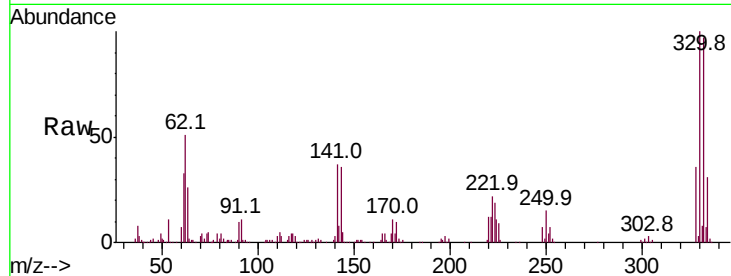




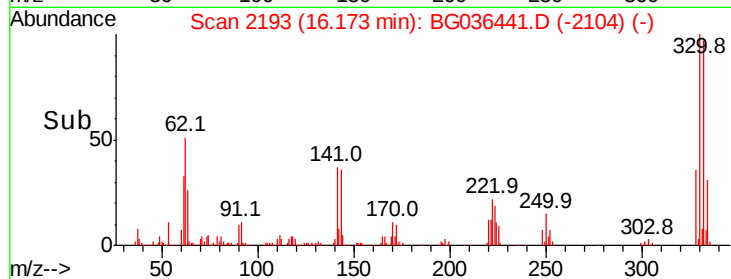
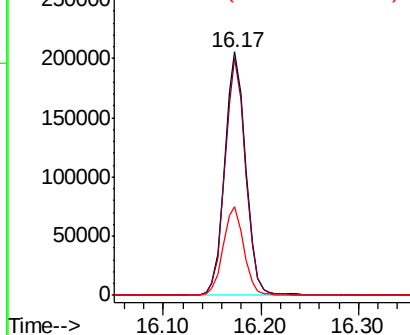
#41
 2,4,6-Tribromophenol
 Concen: 149.852 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036441.D
 Acq: 27 Aug 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :
 TOD1-SB-101-02-03-0-52

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.4	113.2
141	36.3	30.7	46.1

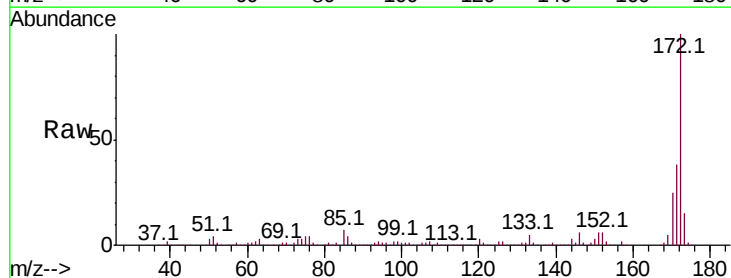


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

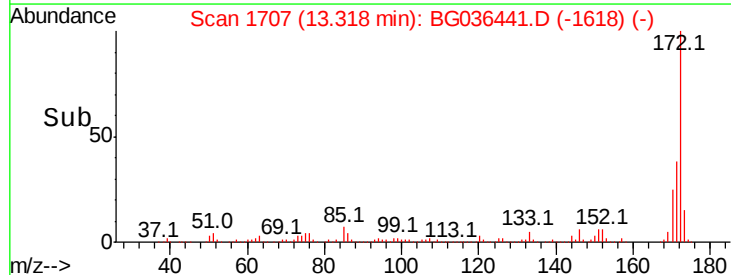
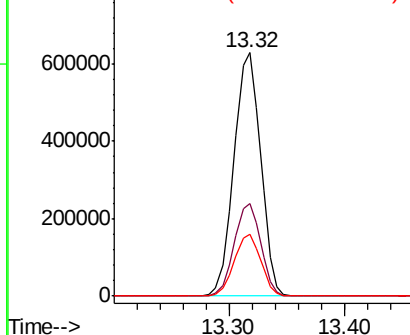


#44
 2-Fluorobiphenyl
 Concen: 84.110 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036441.D
 Acq: 27 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.3	21.0	31.6



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





#49

Dimethylphthalate

Concen: 11.926 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BG036441.D

Acq: 27 Aug 2018 21:16

Instrument :

BNA_G

ClientSampleId :

TOD1-SB-101-02-03-0-52

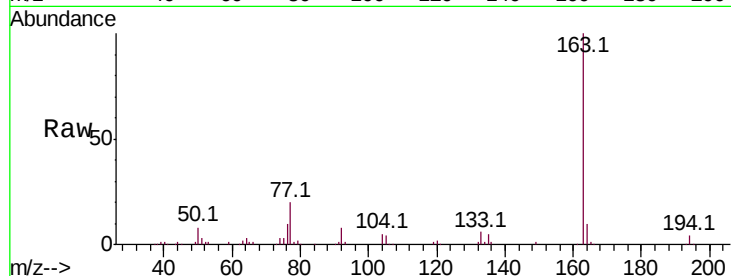
Tot Ion:163 Resp: 166695

Ion Ratio Lower Upper

163 100

194 4.3 4.0 6.0

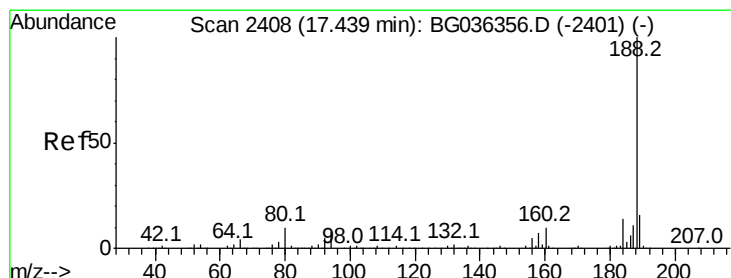
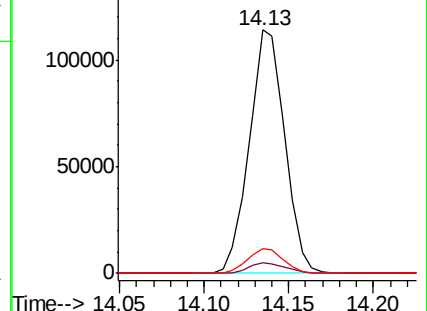
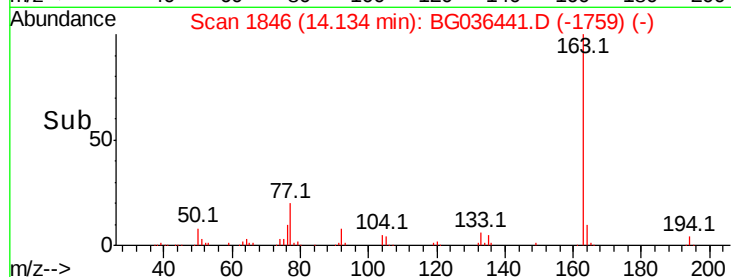
164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG036441.D

Acq: 27 Aug 2018 21:16

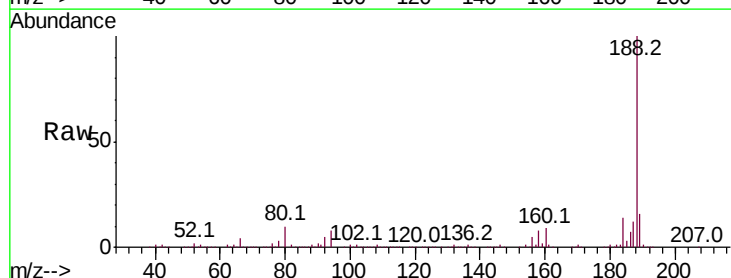
Tgt Ion:188 Resp: 426535

Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

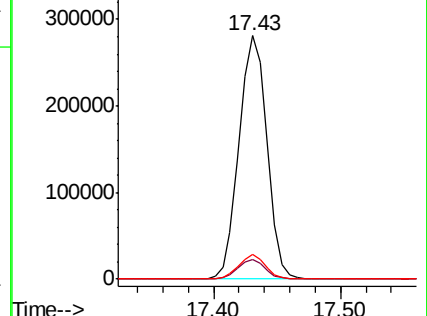
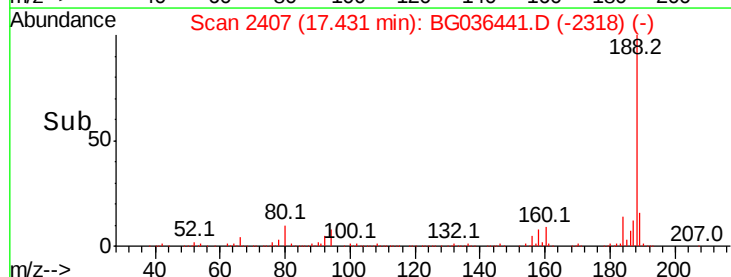
80 10.4 8.1 12.1

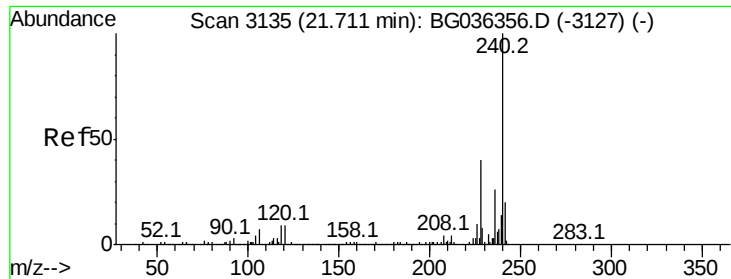


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.70 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG036441.D

Acq: 27 Aug 2018 21:16

Instrument :

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ClientSampleId :

TOD1-SB-101-02-03-0-52

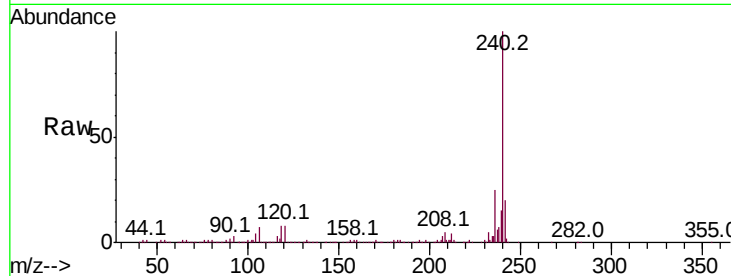
Tot Ion:240 Resp: 464918

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

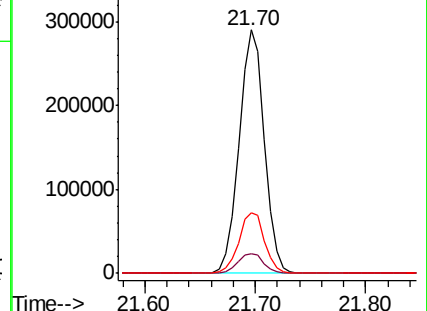
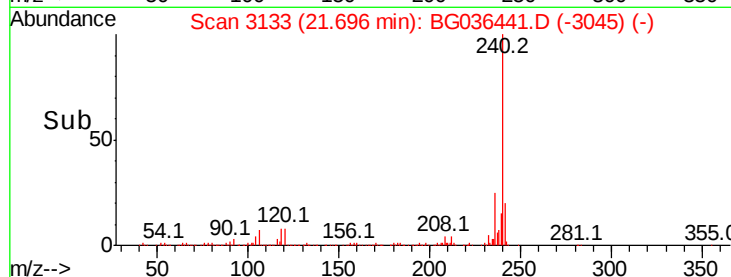
236 25.0 21.2 31.8



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: 85.316 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036441.D

Acq: 27 Aug 2018 21:16

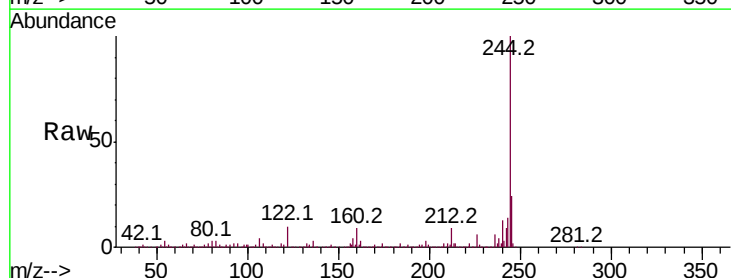
Tgt Ion:244 Resp: 1697014

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

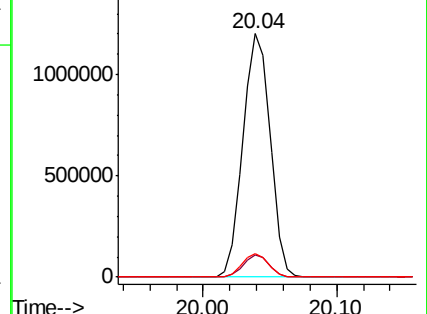
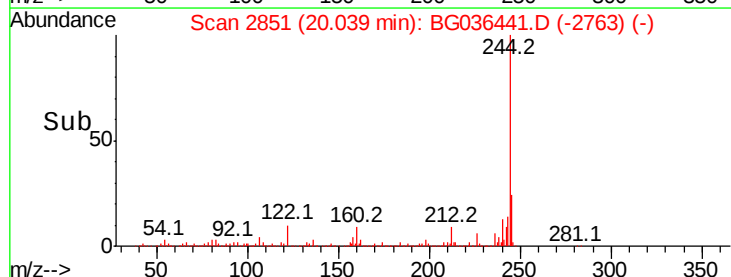
122 9.8 7.1 10.7

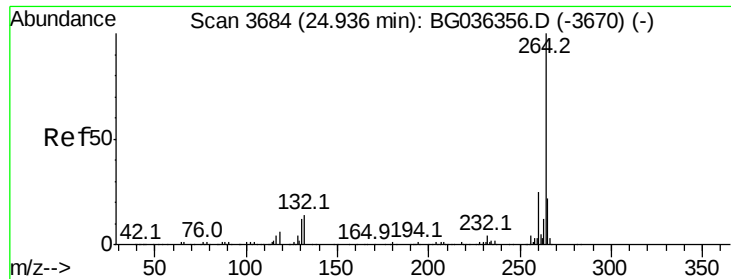


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.03 min
Lab File: BG036441.D
Acq: 27 Aug 2018 21:16

Instrument :
BNA_G
ClientSampleId :
TOD1-SB-101-02-03-0-52

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	21.4	17.4	26.0

