

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035901.D
 Acq On : 26 Jul 2018 9:27
 Operator : JU/SJ
 Sample : J4107-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 071918-TIPC-E-D-M

Quant Time: Jul 26 12:05:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

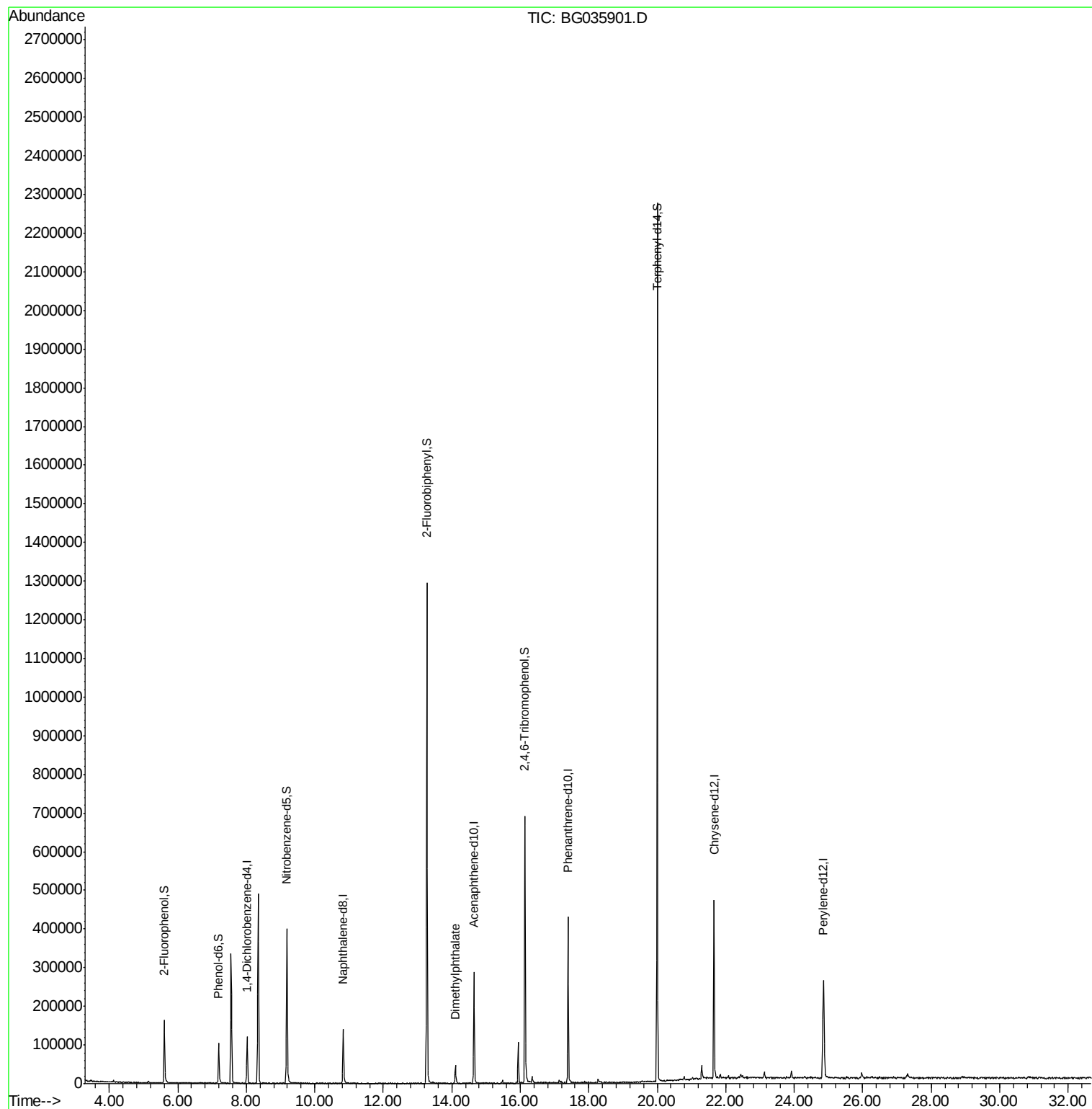
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	34338	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	130717	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	106592	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	289908	20.00	ng	0.00
75) Chrysene-d12	21.66	240	304295	20.00	ng	0.00
86) Perylene-d12	24.86	264	285860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	77584	37.51	ng	0.00
7) Phenol-d6	7.19	99	71775	23.26	ng	0.00
23) Nitrobenzene-d5	9.19	82	285633	91.28	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	131168	93.36	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	728040	91.51	ng	0.00
78) Terphenyl-d14	20.00	244	1044776	75.68	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.10	163	42164	4.515	ng	Qvalue # 96

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

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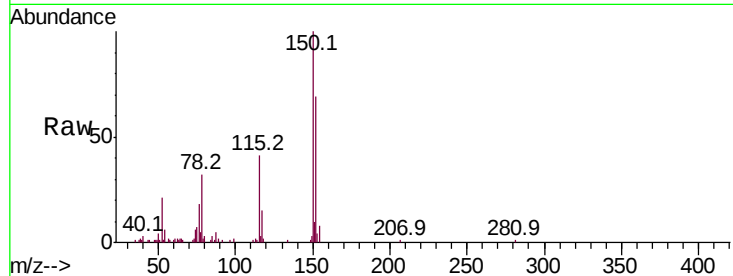


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035901.D
Acq: 26 Jul 2018 9:27

Instrument :
BNA_G
ClientSampleId :
071918-TIPC-E-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.3	126.6	189.8
115	58.5	53.0	79.4

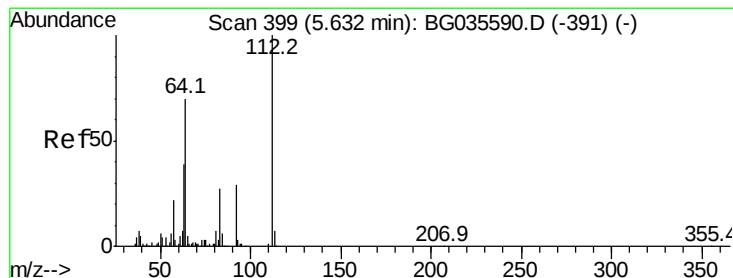
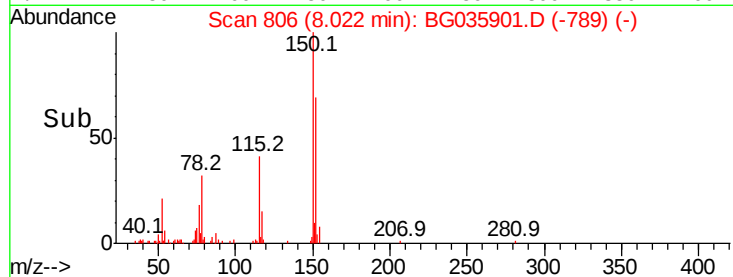
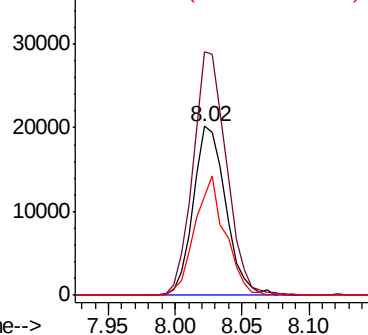


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

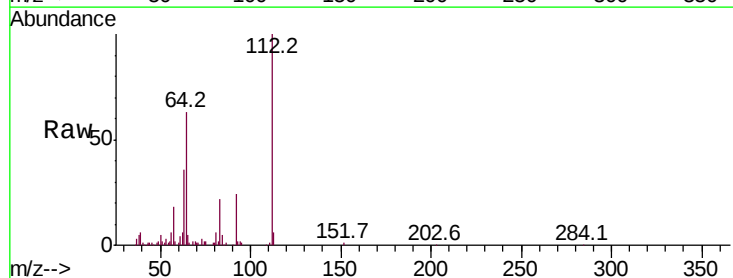
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.512 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035901.D
Acq: 26 Jul 2018 9:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	56.3	84.5
63	35.9	30.1	45.1

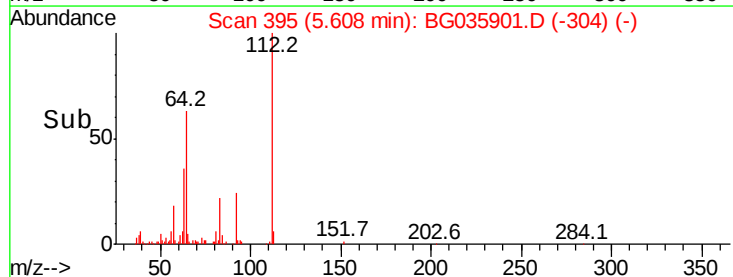
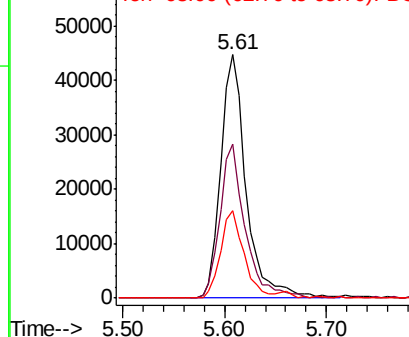


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 23.260 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035901.D

Acq: 26 Jul 2018 9:27

Instrument :

BNA_G

ClientSampleId :

071918-TIPC-E-D-M

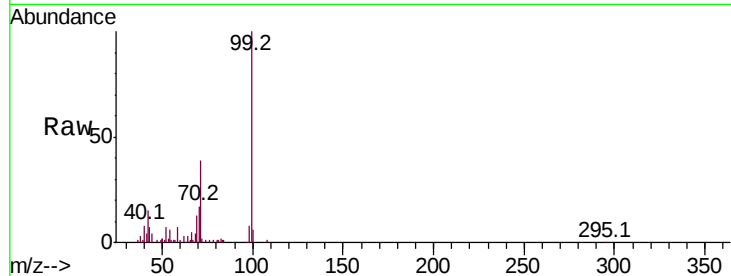
Tot Ion: 99 Resp: 71775

Ion Ratio Lower Upper

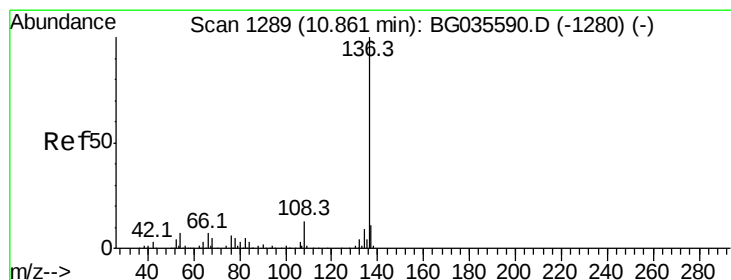
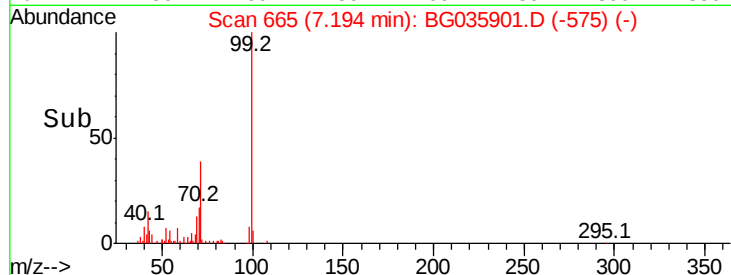
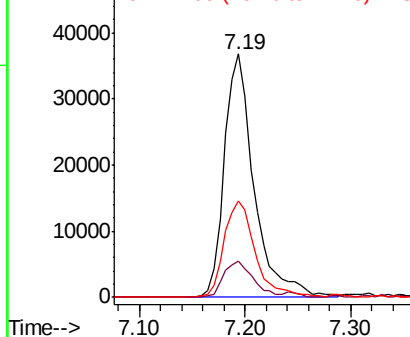
99 100

42 15.0 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: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG035901.D

Acq: 26 Jul 2018 9:27

Tgt Ion: 136 Resp: 130717

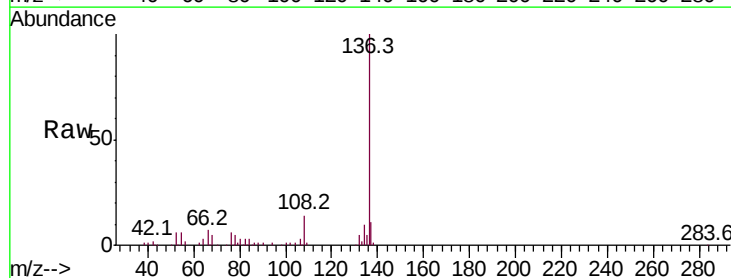
Ion Ratio Lower Upper

136 100

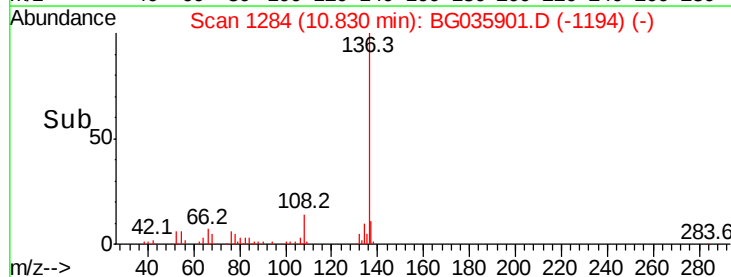
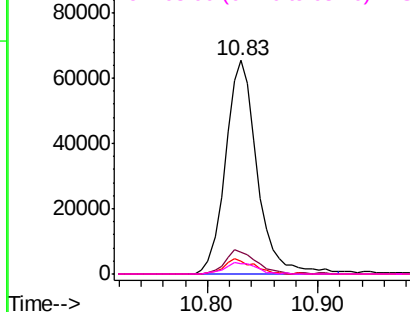
137 10.5 9.2 13.8

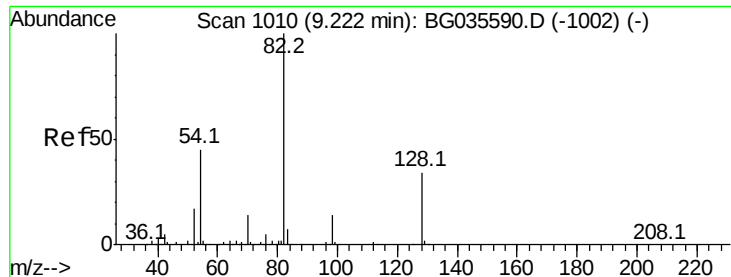
54 6.2 10.3 15.5#

68 5.0 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

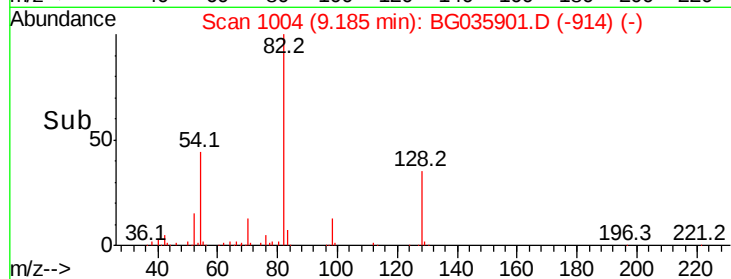
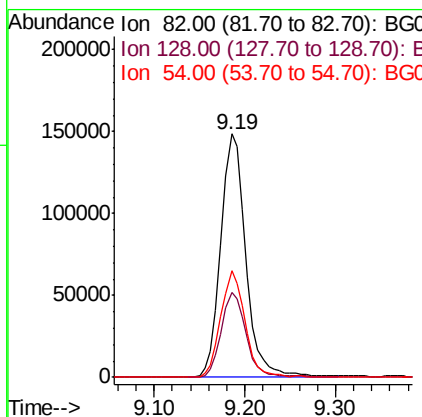
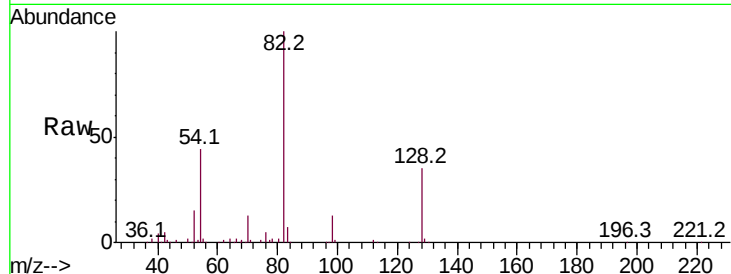




#23
Nitrobenzene-d5
Concen: 91.283 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035901.D
Acq: 26 Jul 2018 9:27

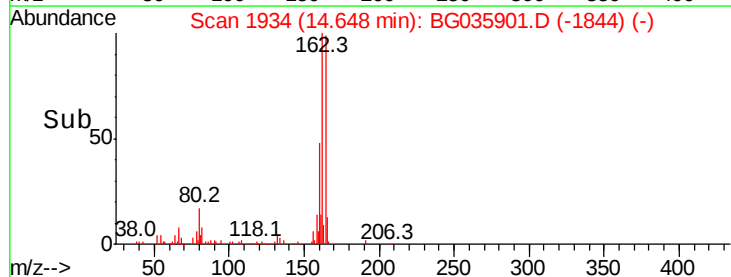
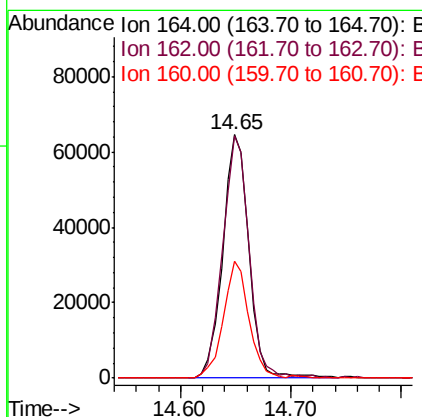
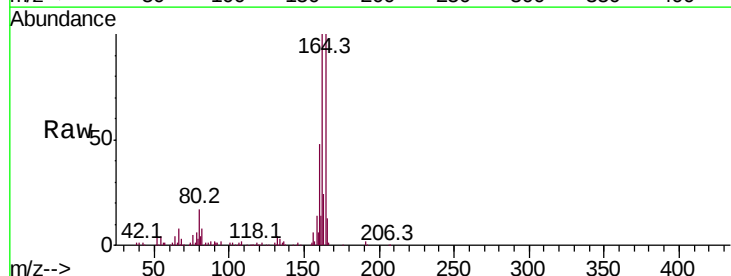
Instrument :
BNA_G
ClientSampleId :
071918-TIPC-E-D-M

Tot Ion	82	Resp	285633
Ion Ratio	Lower	Upper	
82	100		
128	34.8	29.7	44.5
54	43.6	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035901.D
Acq: 26 Jul 2018 9:27

Tgt Ion	164	Resp	106592
Ion Ratio	Lower	Upper	
164	100		
162	99.7	78.8	118.2
160	48.1	35.4	53.0

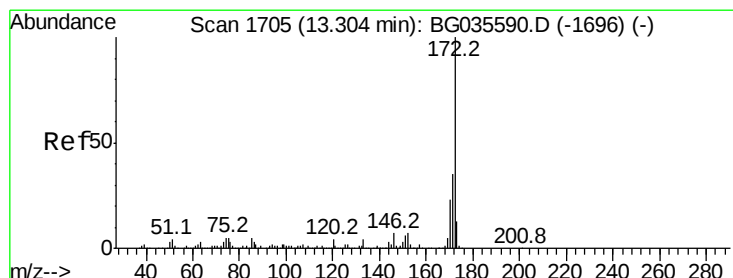
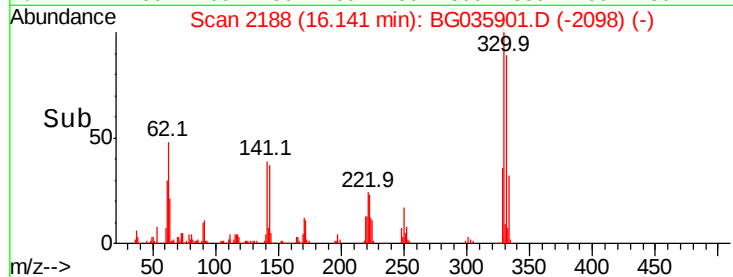
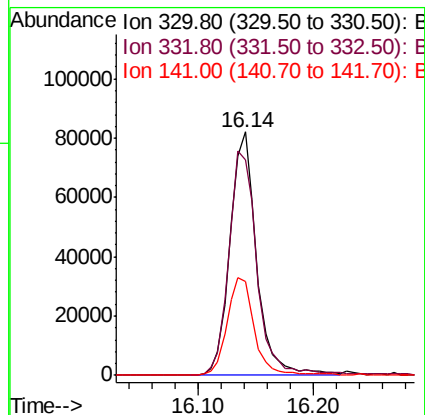
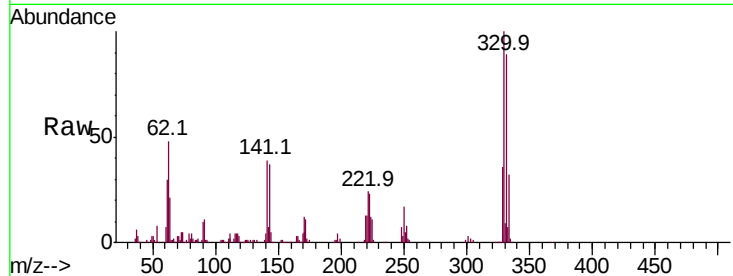




#41
 2,4,6-Tribromophenol
 Concen: 93.361 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG035901.D
 Acq: 26 Jul 2018 9:27

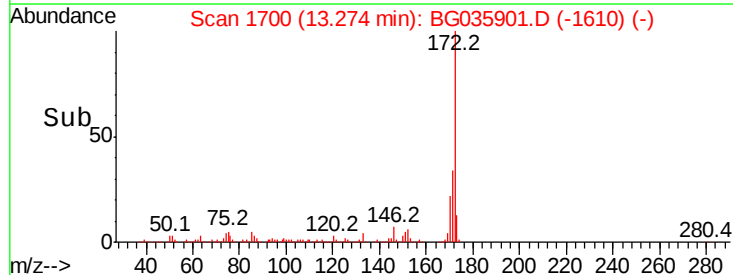
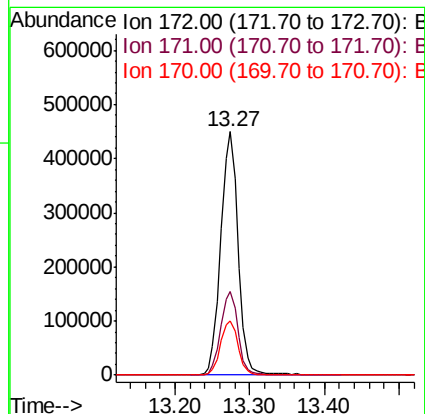
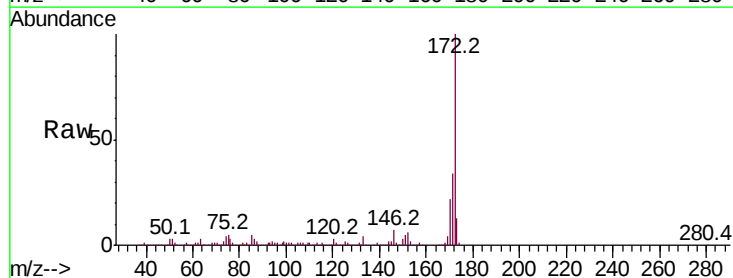
Instrument :
 BNA_G
 ClientSampleId :
 071918-TIPC-E-D-M

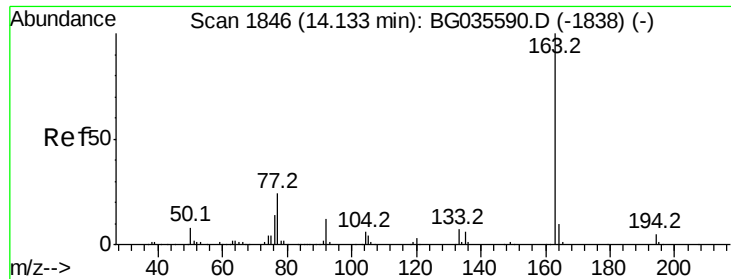
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	40.8	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 91.506 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035901.D
 Acq: 26 Jul 2018 9:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	22.5	19.5	29.3





#49

Dimethylphthalate

Concen: 4.515 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG035901.D

Acq: 26 Jul 2018 9:27

Instrument :

BNA_G

ClientSampleId :

071918-TIPC-E-D-M

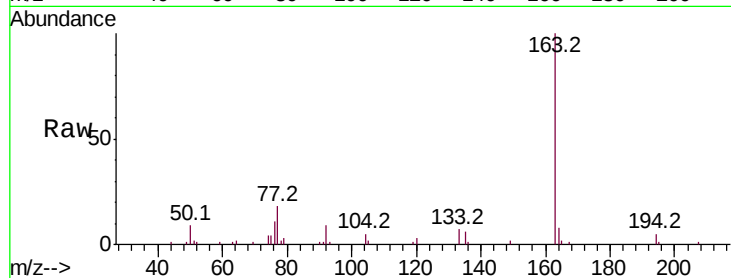
Tot Ion:163 Resp: 42164

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.2#

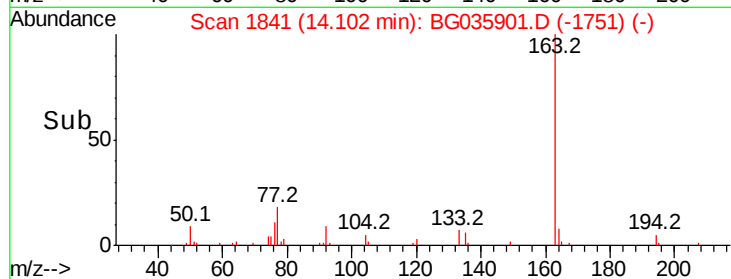
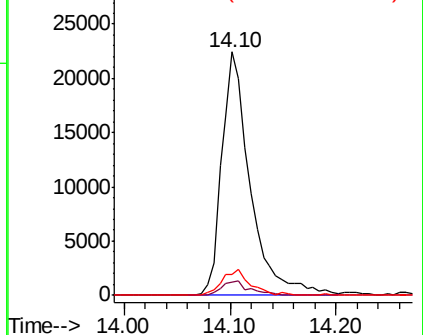
164 8.4 8.2 12.4



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: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035901.D

Acq: 26 Jul 2018 9:27

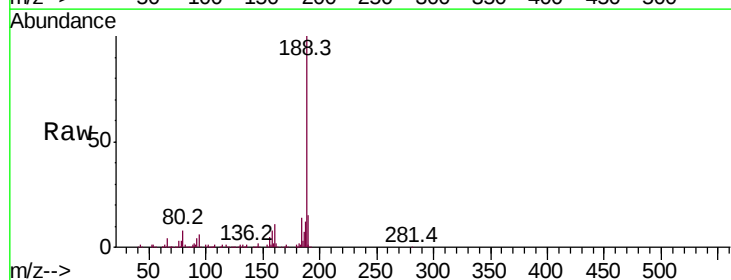
Tgt Ion:188 Resp: 289908

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

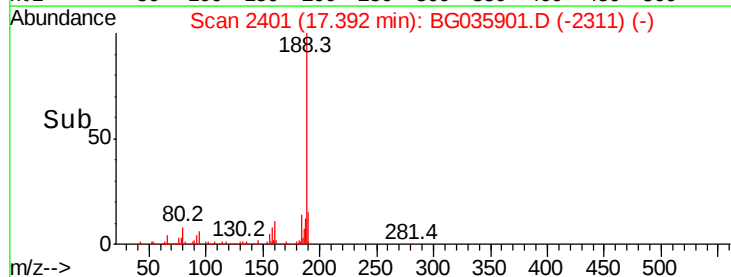
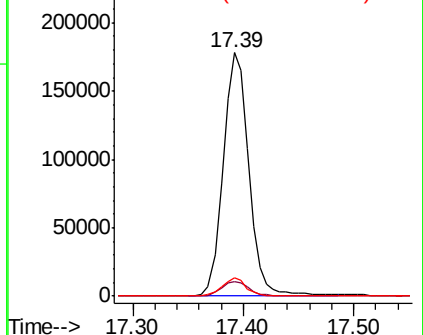
80 7.8 7.7 11.5



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: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035901.D

Acq: 26 Jul 2018 9:27

Instrument :

BNA_G

ClientSampleId :

071918-TIPC-E-D-M

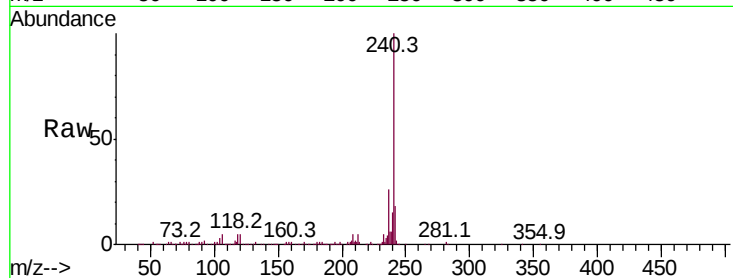
Tot Ion:240 Resp: 304295

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

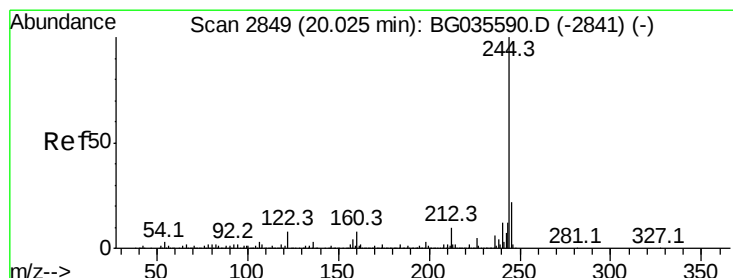
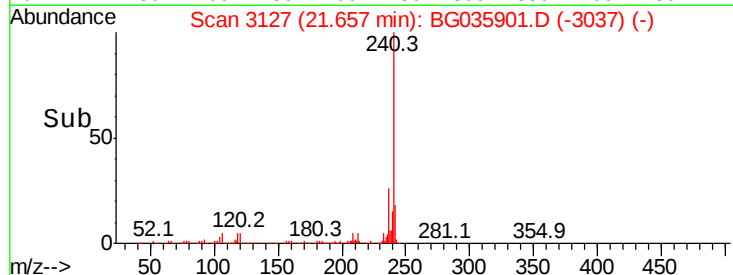
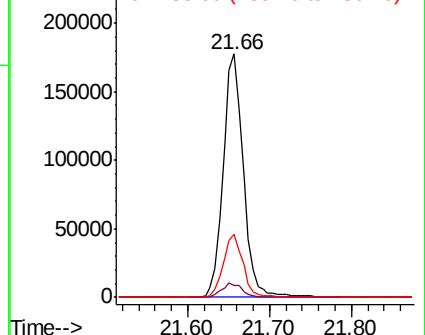
236 25.9 20.9 31.3



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: 75.683 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035901.D

Acq: 26 Jul 2018 9:27

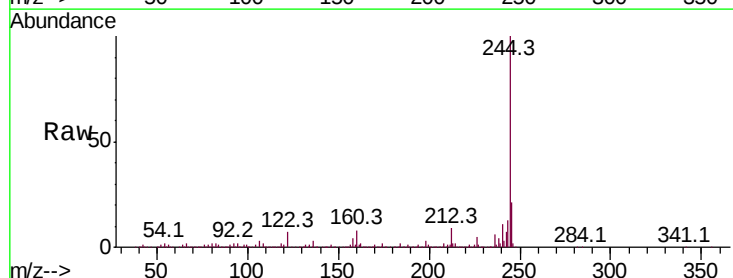
Tgt Ion:244 Resp: 1044776

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

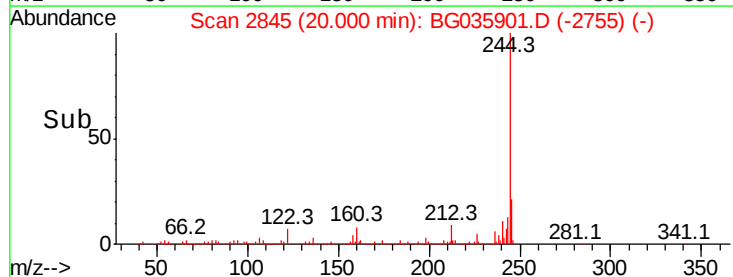
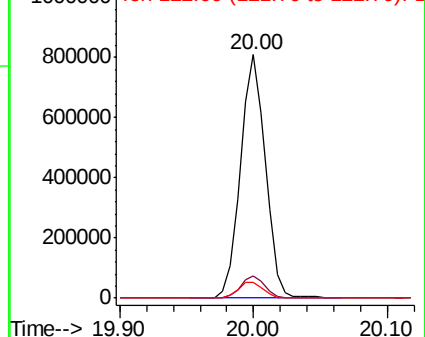
122 6.7 7.0 10.4#

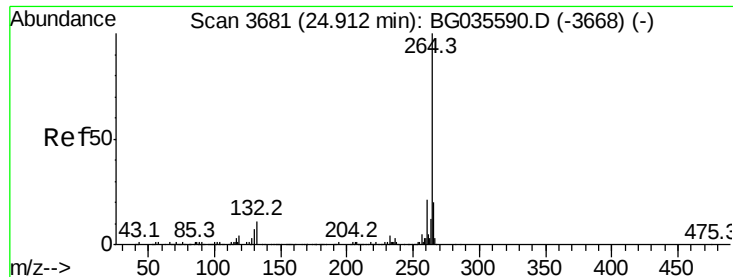


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.00 min
Lab File: BG035901.D
Acq: 26 Jul 2018 9:27

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	20.5	17.7	26.5

