

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG037004.D
 Acq On : 27 Sep 2018 6:13
 Operator : JU/SJ
 Sample : J5081-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-S

Quant Time: Sep 27 08:53:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	40097	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	161263	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	102087	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	266926	20.00	ng	0.00
75) Chrysene-d12	21.68	240	276500	20.00	ng	-0.01
86) Perylene-d12	24.88	264	262775	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	267481	127.93	ng	0.00
7) Phenol-d6	7.20	99	325832	100.73	ng	-0.01
23) Nitrobenzene-d5	9.20	82	286685	95.20	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	144590	118.38	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	594484	86.73	ng	-0.01
78) Terphenyl-d14	20.02	244	1049821	99.84	ng	0.00

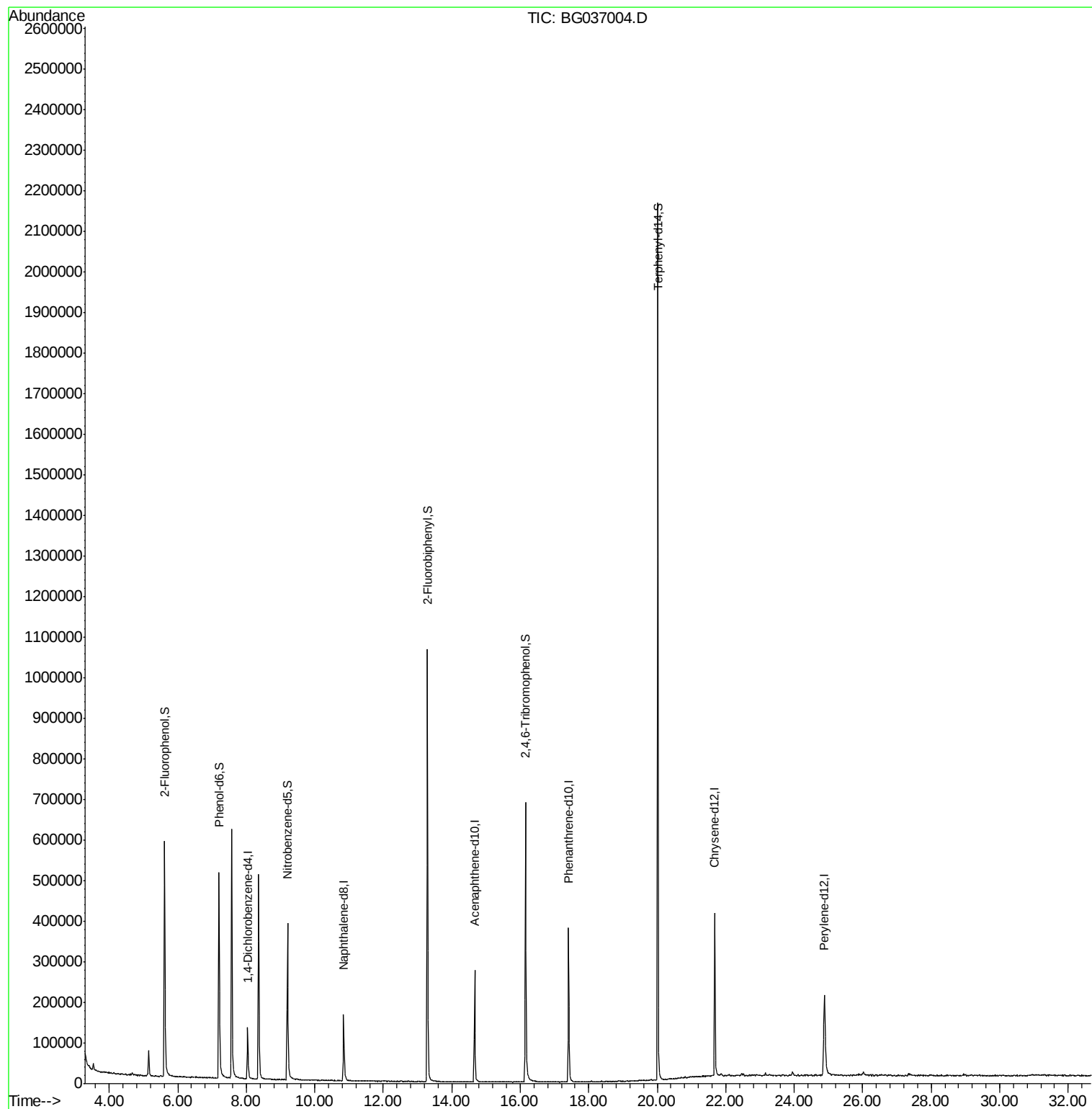
Target Compounds Qvalue

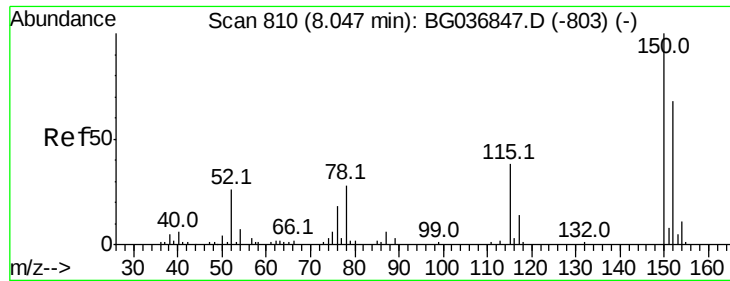
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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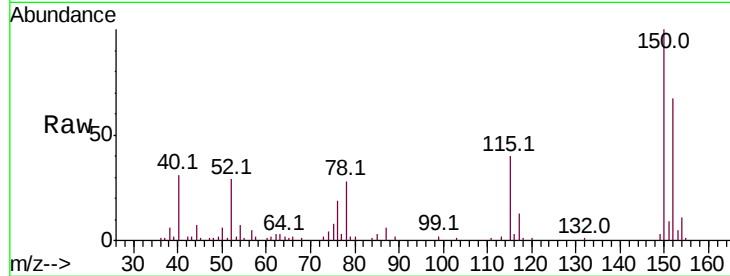


#1

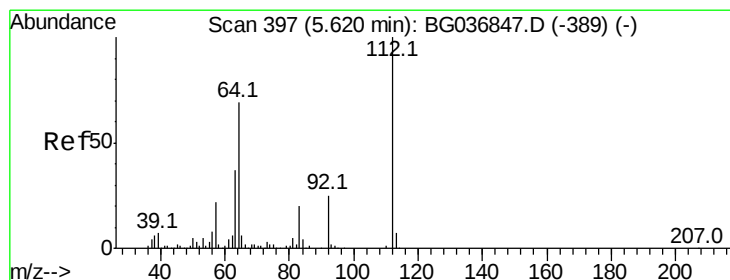
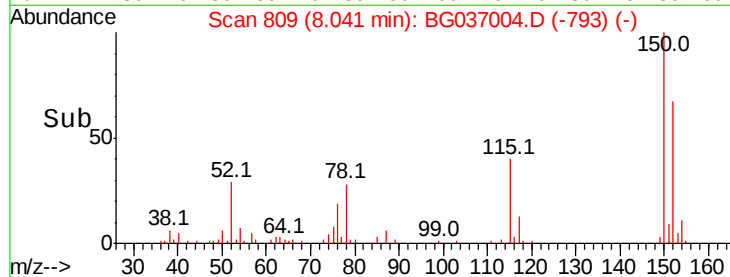
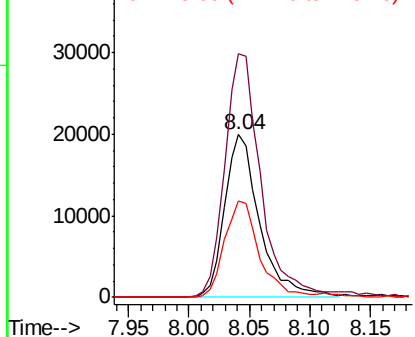
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037004.D
Acq: 27 Sep 2018 6:13

Instrument :
BNA_G
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	119.5	179.3
115	59.3	44.5	66.7



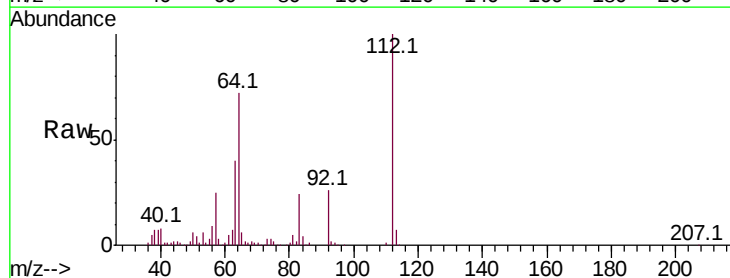
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



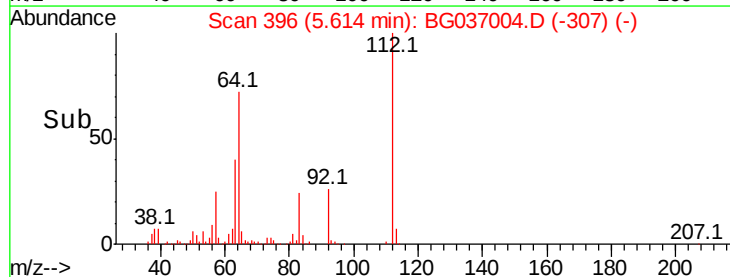
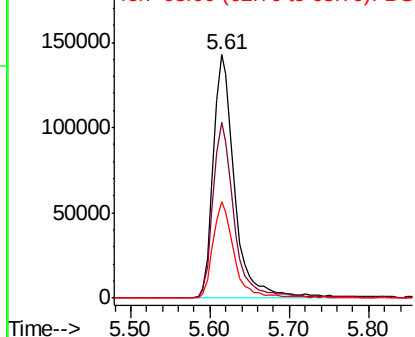
#5

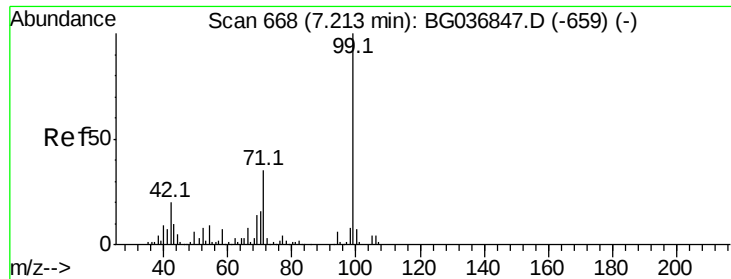
2-Fluorophenol
Concen: 127.932 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037004.D
Acq: 27 Sep 2018 6:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.2	57.2	85.8
63	39.6	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: 100.726 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037004.D

Acq: 27 Sep 2018 6:13

Instrument :

BNA_G

ClientSampleId :

TP-1-S

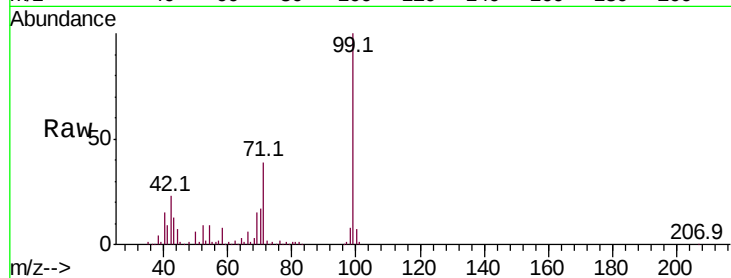
Tot Ion: 99 Resp: 325832

Ion Ratio Lower Upper

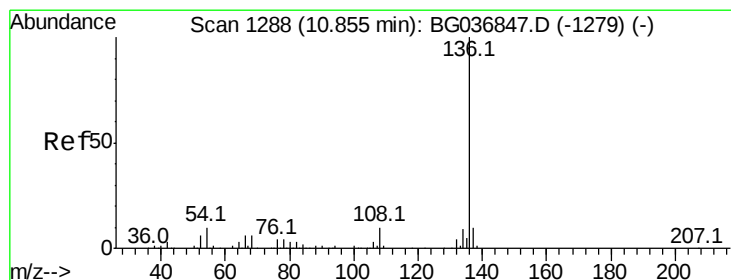
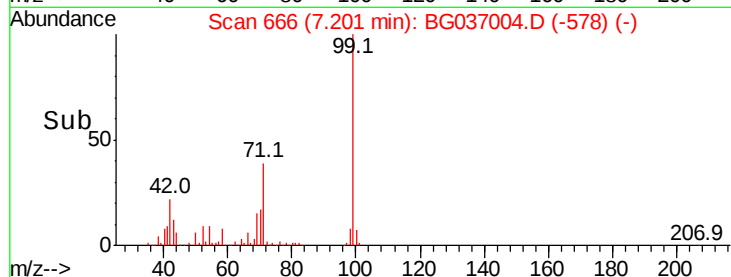
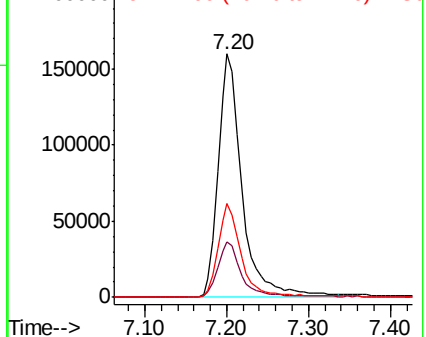
99 100

42 22.5 16.5 24.7

71 38.7 29.4 44.2



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: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037004.D

Acq: 27 Sep 2018 6:13

Tgt Ion: 136 Resp: 161263

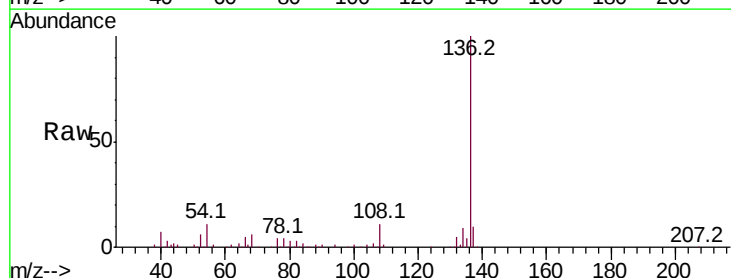
Ion Ratio Lower Upper

136 100

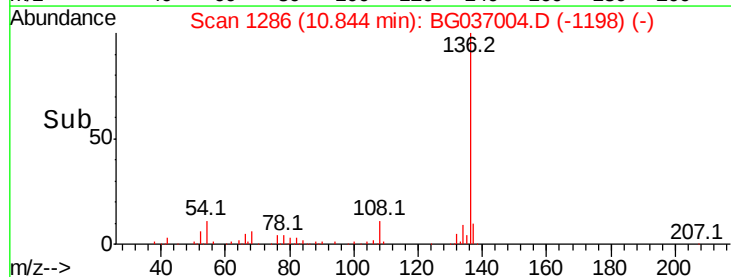
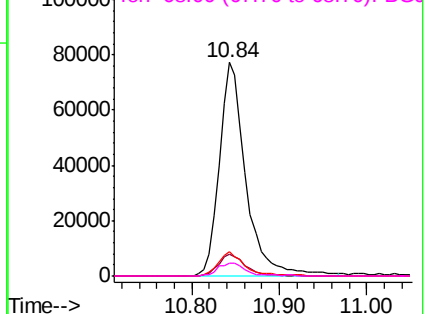
137 10.4 8.8 13.2

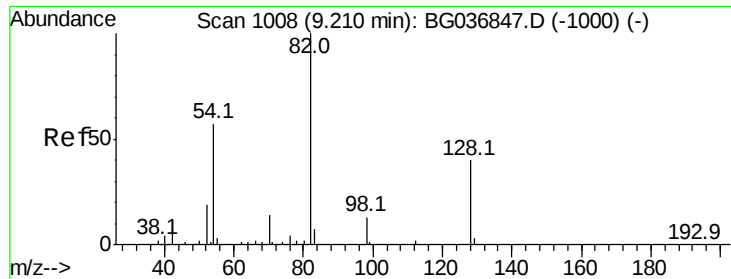
54 11.2 9.2 13.8

68 5.9 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

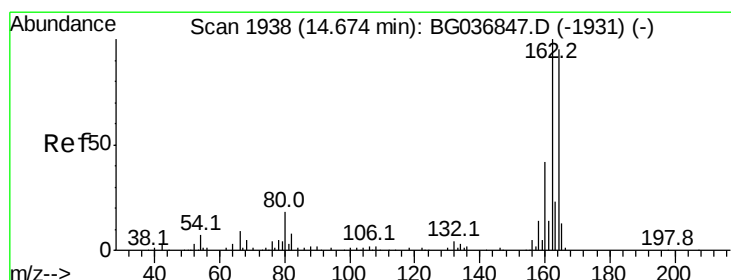
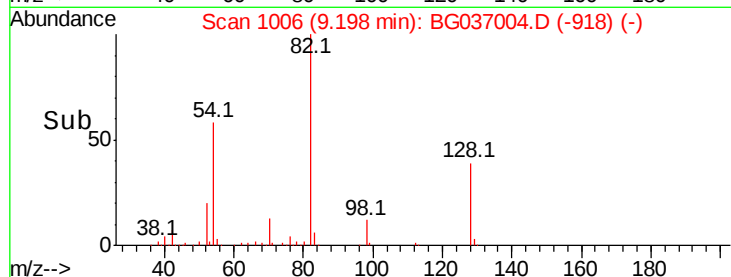
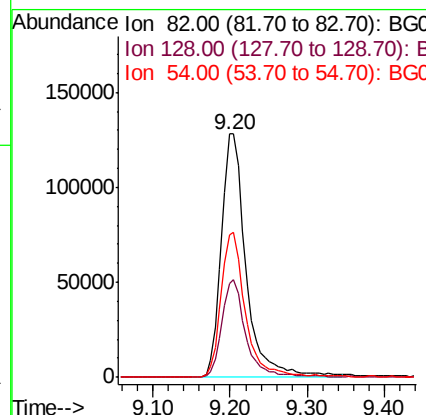
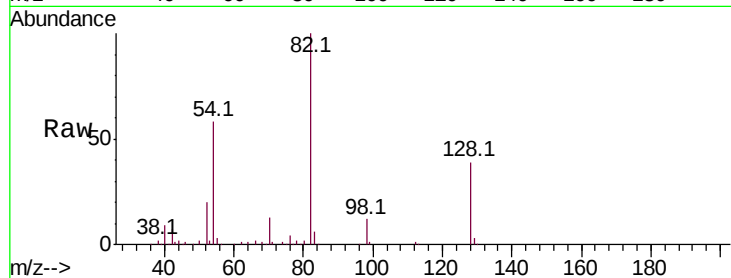




#23
Nitrobenzene-d5
Concen: 95.200 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037004.D
Acq: 27 Sep 2018 6:13

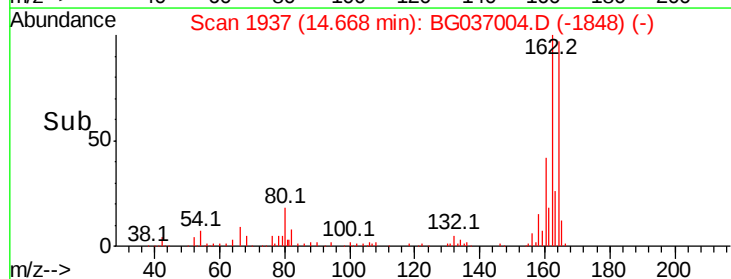
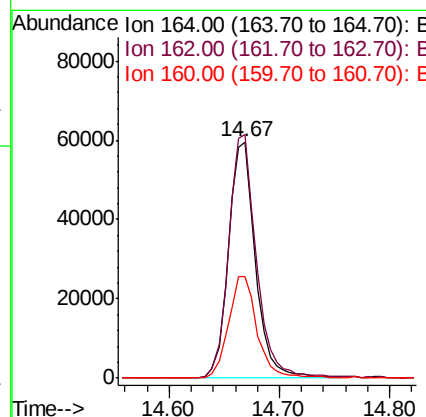
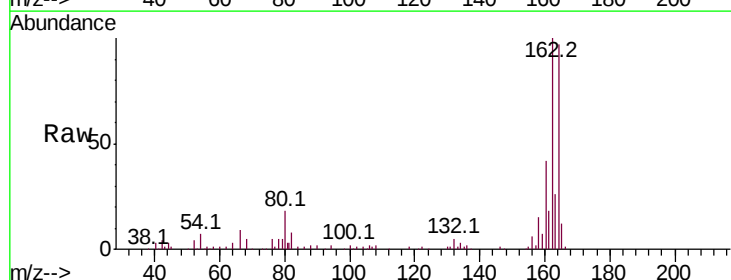
Instrument :
BNA_G
ClientSampleId :
TP-1-S

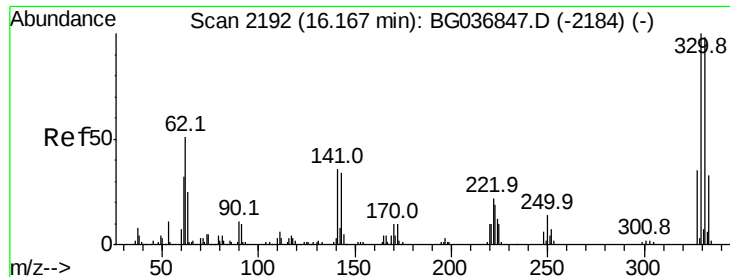
Tot Ion	82	Resp	286685
Ion Ratio	Lower	Upper	
82	100		
128	38.7	33.3	49.9
54	58.5	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG037004.D
Acq: 27 Sep 2018 6:13

Tgt Ion	164	Resp	102087
Ion Ratio	Lower	Upper	
164	100		
162	103.2	80.7	121.1
160	42.8	35.3	52.9





#41

2,4,6-Tribromophenol

Concen: 118.380 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037004.D

Acq: 27 Sep 2018 6:13

Instrument :

BNA_G

ClientSampled :

TP-1-S

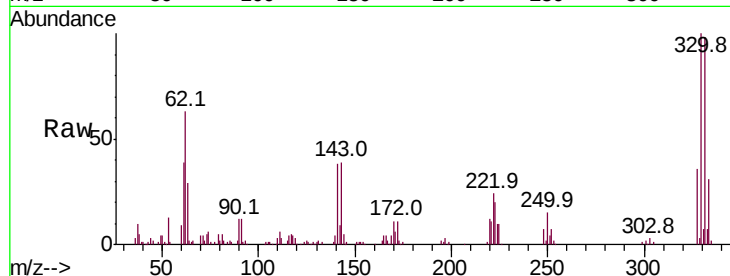
Tot Ion:330 Resp: 144590

Ion Ratio Lower Upper

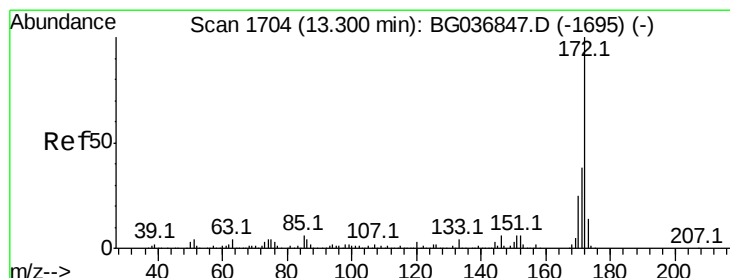
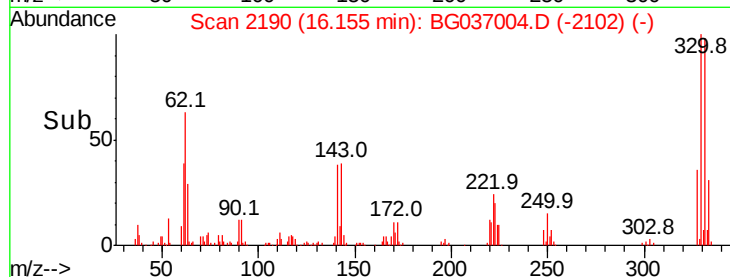
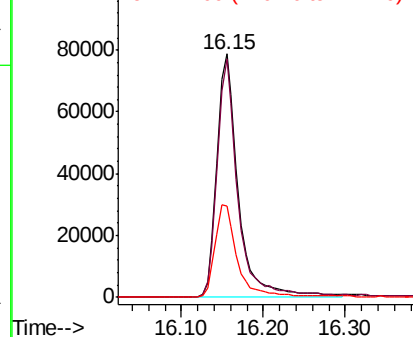
330 100

332 95.9 75.4 113.2

141 39.2 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: 86.732 ng

RT: 13.29 min Scan# 1702

Delta R.T. -0.01 min

Lab File: BG037004.D

Acq: 27 Sep 2018 6:13

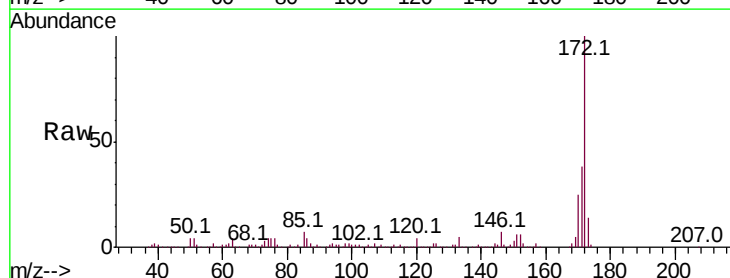
Tgt Ion:172 Resp: 594484

Ion Ratio Lower Upper

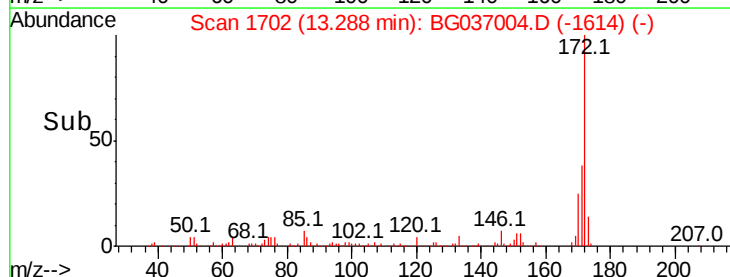
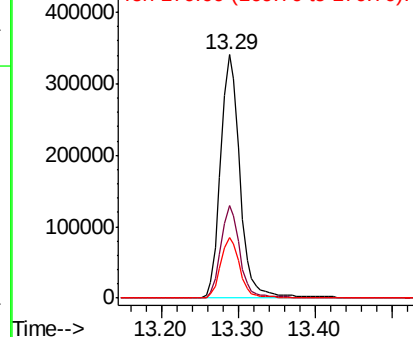
172 100

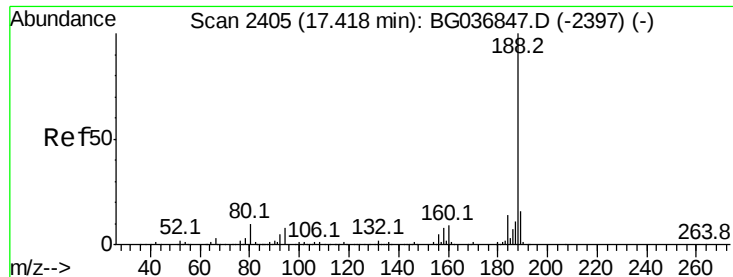
171 37.8 31.3 46.9

170 25.1 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

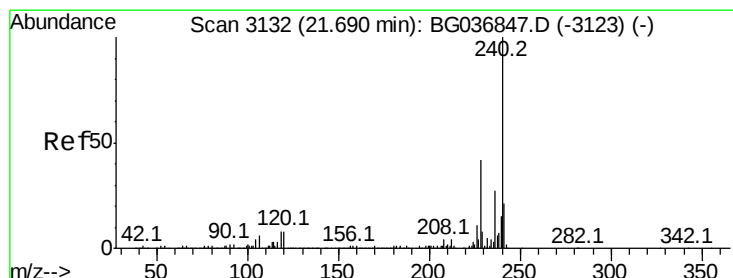
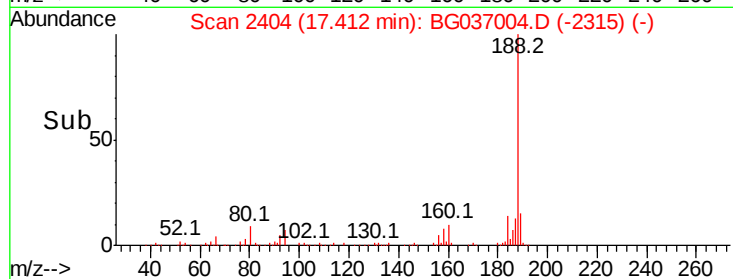
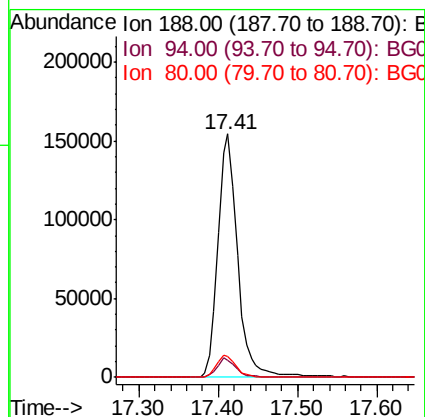
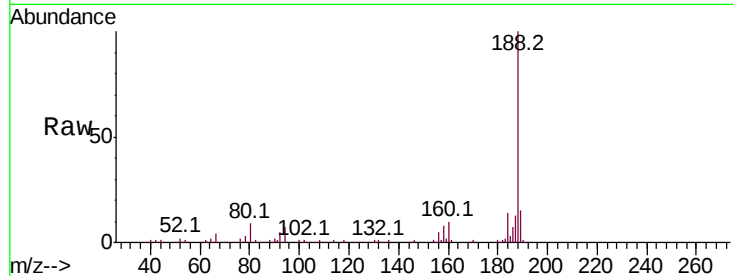




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037004.D
Acq: 27 Sep 2018 6:13

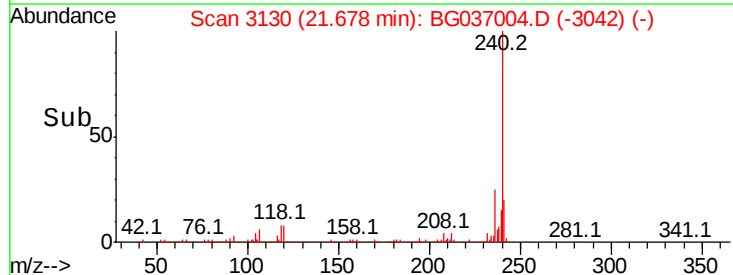
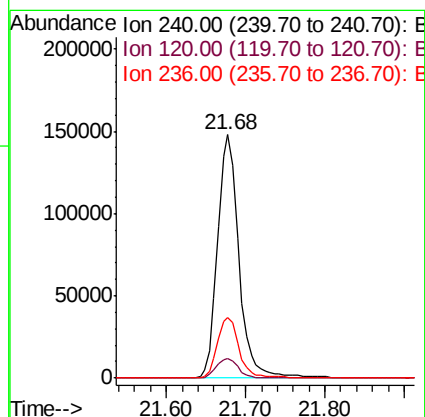
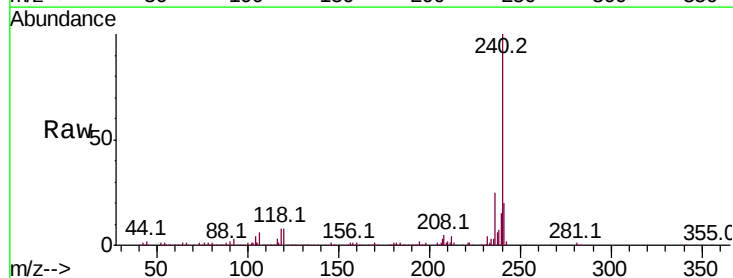
Instrument :
BNA_G
ClientSampleId :
TP-1-S

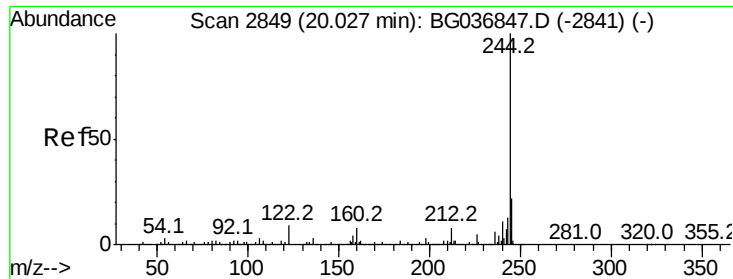
Tot Ion:188 Resp: 266926
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 8.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037004.D
Acq: 27 Sep 2018 6:13

Tgt Ion:240 Resp: 276500
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 25.1 21.2 31.8





#78

Terphenyl-d14

Concen: 99.837 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG037004.D

Acq: 27 Sep 2018 6:13

Instrument :

BNA_G

ClientSampleId :

TP-1-S

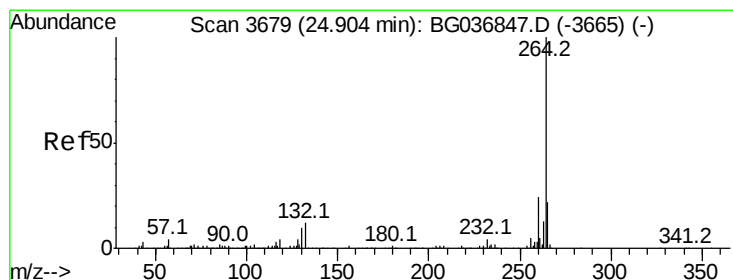
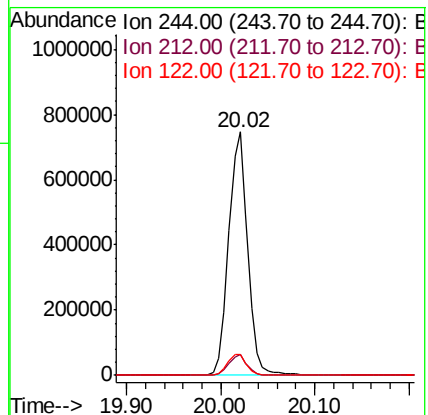
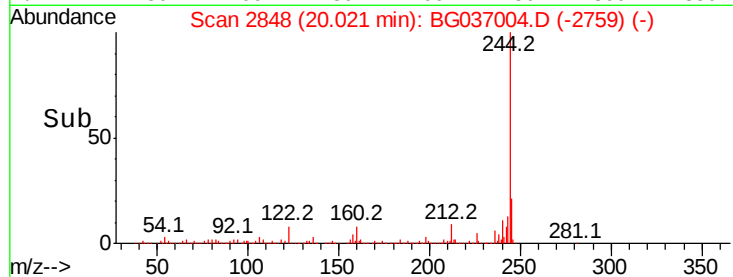
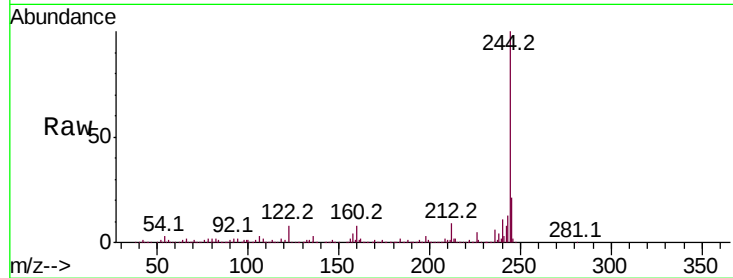
Tot Ion:244 Resp: 1049821

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	8.4	7.1	10.7

244 100

212 8.8 7.0 10.6

122 8.4 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG037004.D

Acq: 27 Sep 2018 6:13

Tgt Ion:264 Resp: 262775

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	20.4	17.4	26.0

264 100

260 23.2 19.6 29.4

265 20.4 17.4 26.0

