

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037021.D
 Acq On : 27 Sep 2018 19:14
 Operator : JU/SJ
 Sample : J5066-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP1-Q1-I2

Quant Time: Sep 28 04:30:04 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

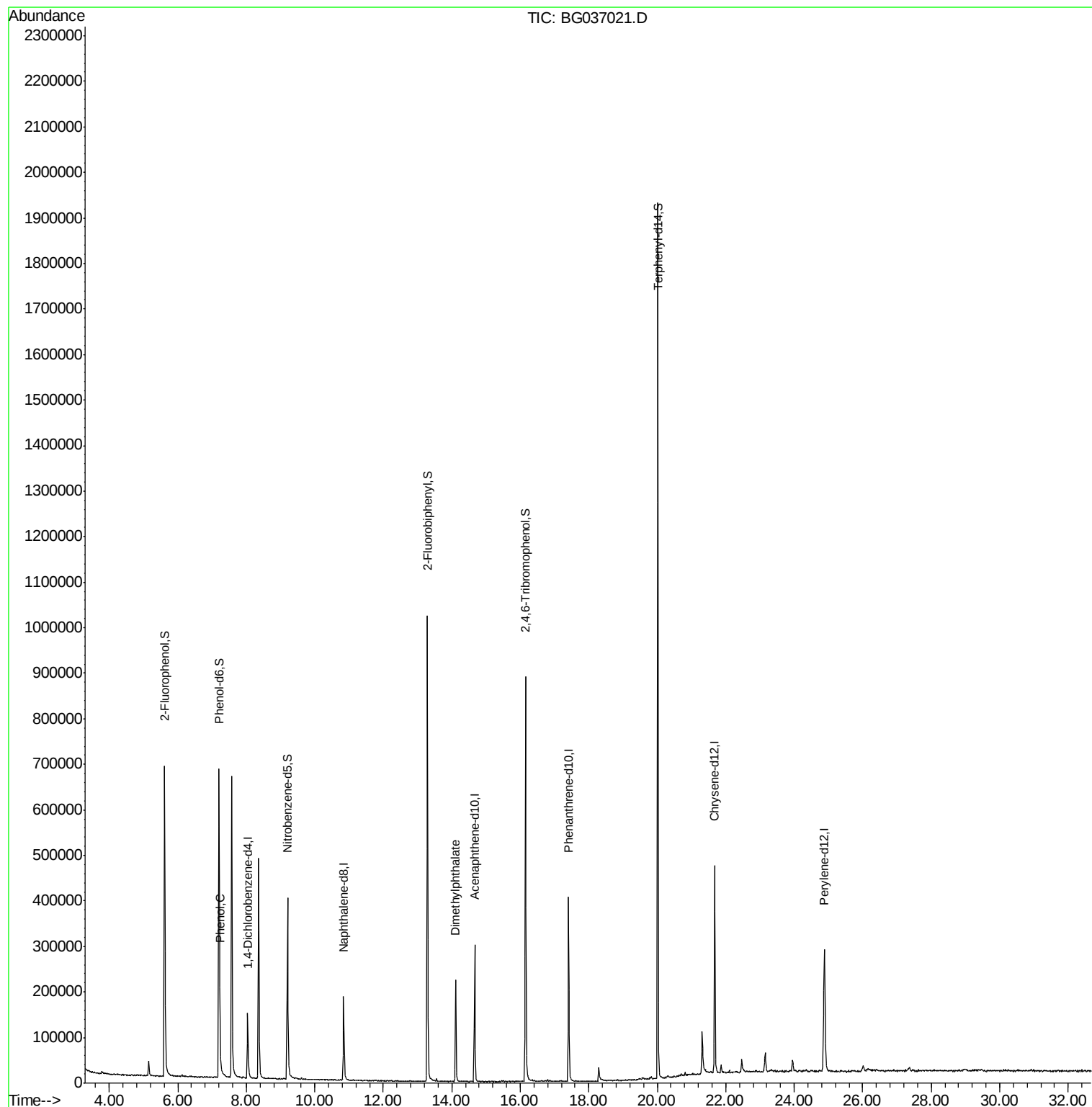
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44715	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	182086	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	110552	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	281083	20.00	ng	0.00
75) Chrysene-d12	21.68	240	292759	20.00	ng	-0.01
86) Perylene-d12	24.88	264	295430	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	318891	136.77	ng	0.00
7) Phenol-d6	7.20	99	439397	121.81	ng	-0.01
23) Nitrobenzene-d5	9.20	82	291466	85.72	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	174811	132.16	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	563740	75.95	ng	-0.01
78) Terphenyl-d14	20.02	244	975512	87.62	ng	0.00
Target Compounds						
10) Phenol	7.23	94	14654	3.936	ng	Qvalue # 54
49) Dimethylphthalate	14.12	163	165514	18.600	ng	99

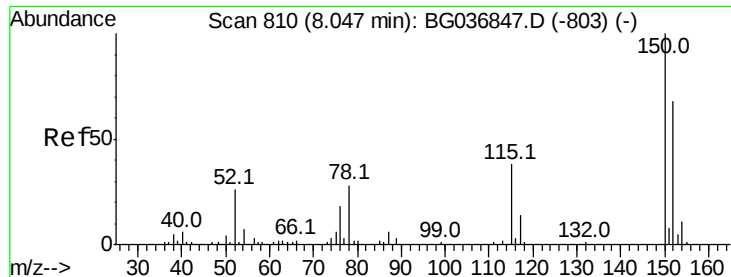
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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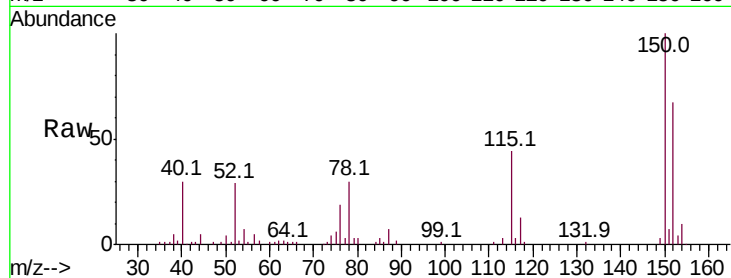


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037021.D
Acq: 27 Sep 2018 19:14

Instrument :
BNA_G
ClientSampleId :
EP1-Q1-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	119.5	179.3
115	65.7	44.5	66.7

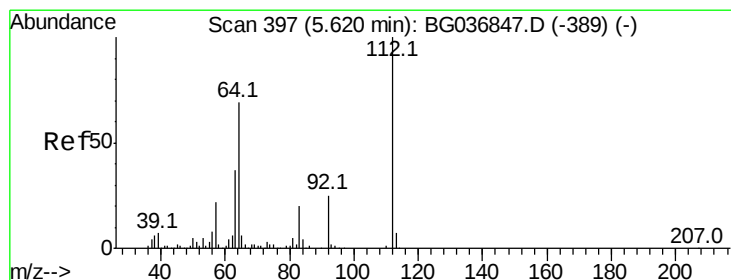
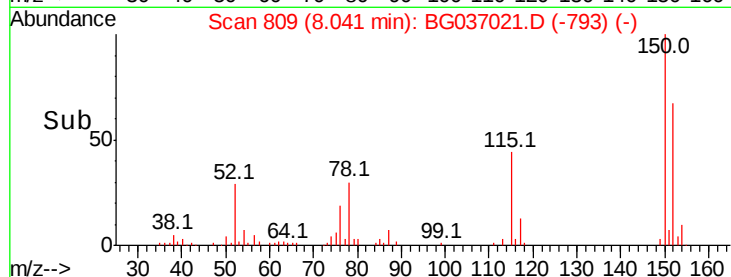
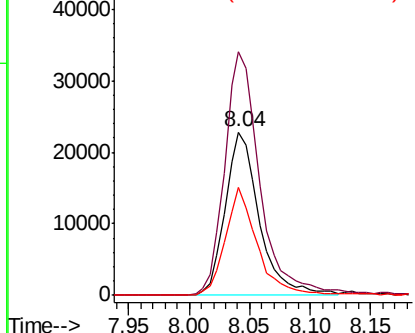


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

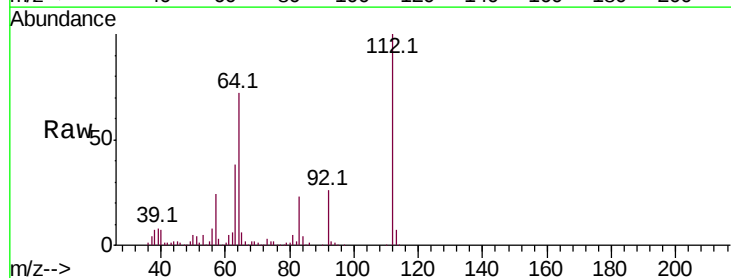
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.769 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037021.D
Acq: 27 Sep 2018 19:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.0	57.2	85.8
63	38.4	30.8	46.2

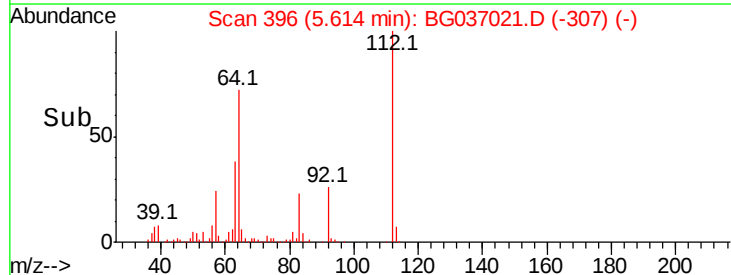
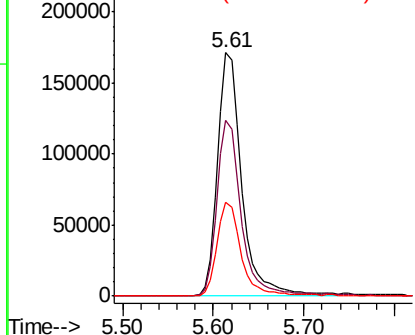


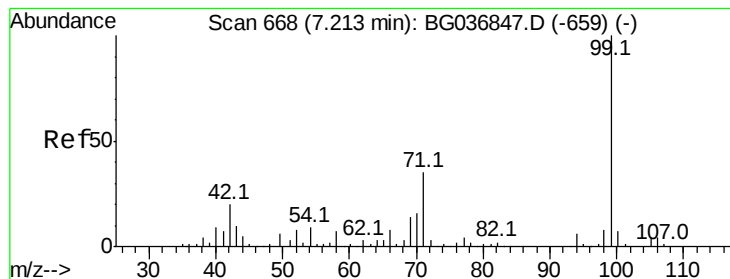
Abundance

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: 121.805 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037021.D

Acq: 27 Sep 2018 19:14

Instrument :

BNA_G

ClientSampleId :

EP1-Q1-I2

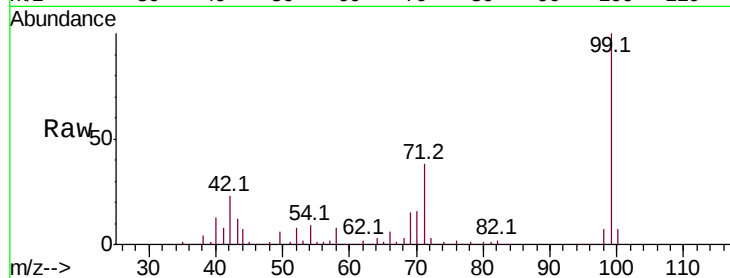
Tot Ion: 99 Resp: 439397

Ion Ratio Lower Upper

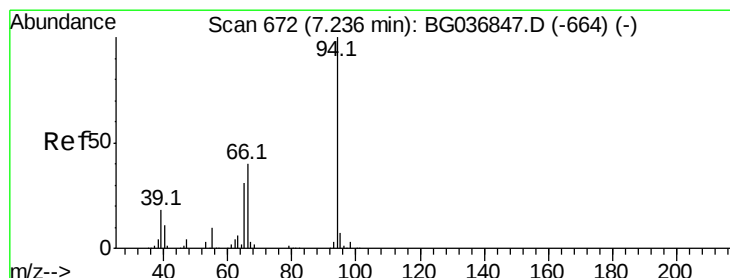
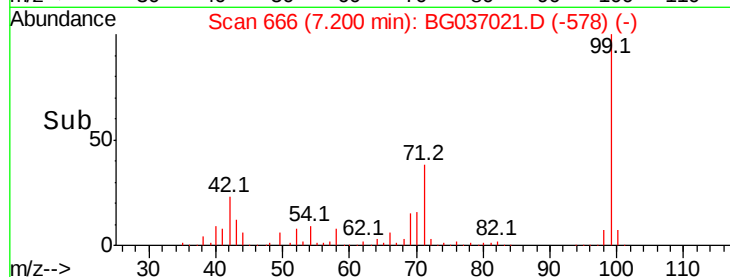
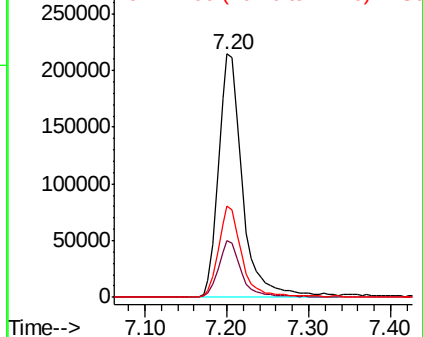
99 100

42 23.3 16.5 24.7

71 37.7 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



#10

Phenol

Concen: 3.936 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG037021.D

Acq: 27 Sep 2018 19:14

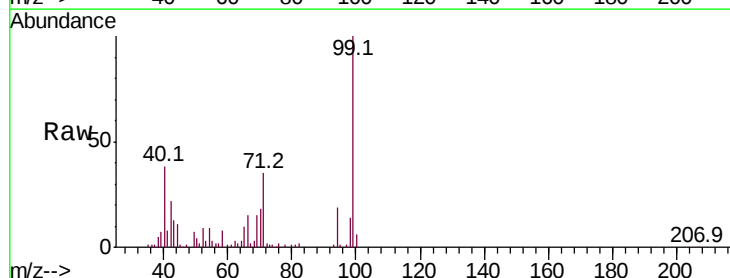
Tgt Ion: 94 Resp: 14654

Ion Ratio Lower Upper

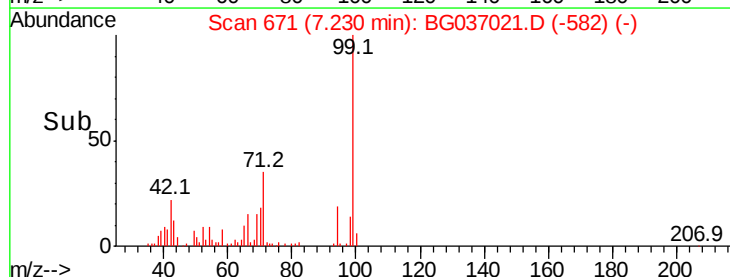
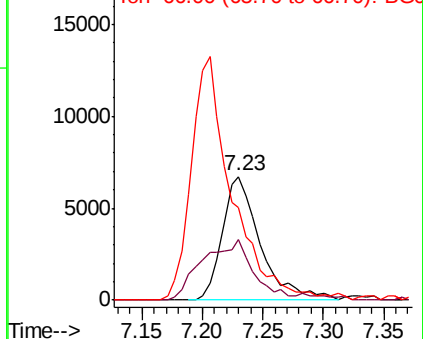
94 100

65 49.2 11.5 51.5

66 74.9 19.5 59.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

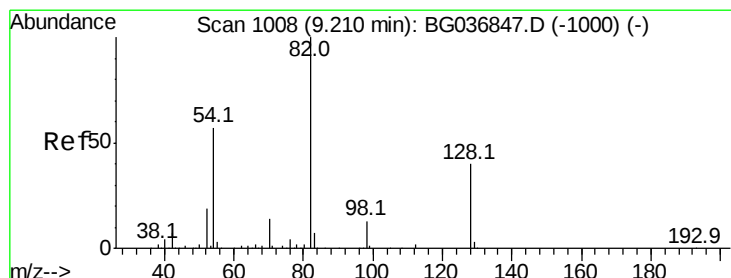
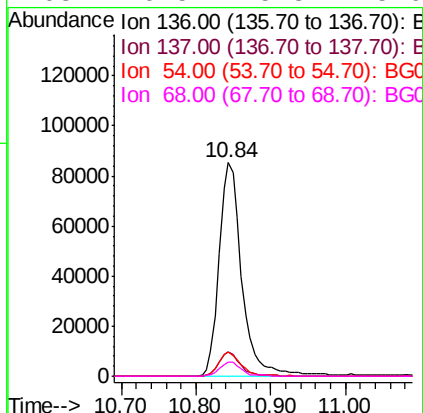
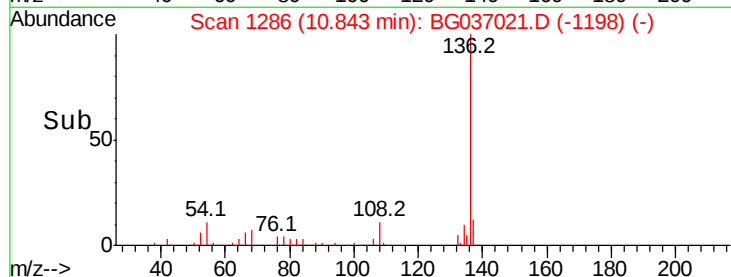
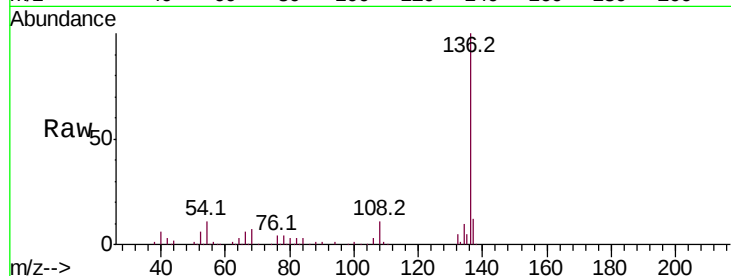




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037021.D
Acq: 27 Sep 2018 19:14

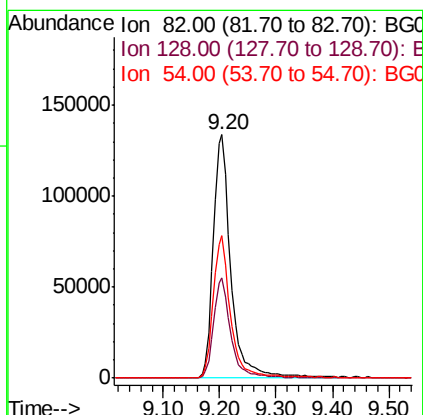
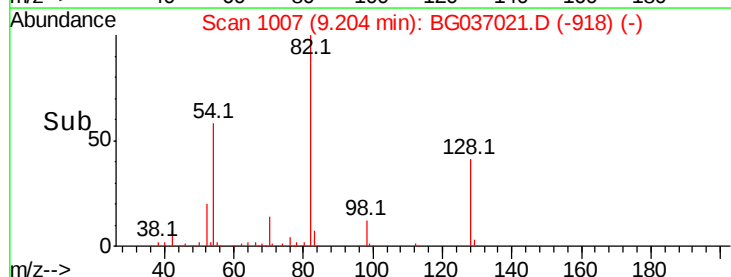
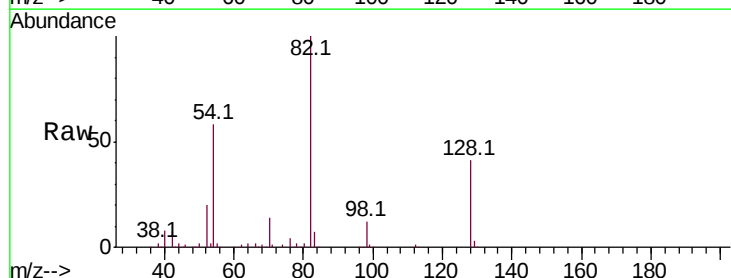
Instrument :
BNA_G
ClientSampleId :
EP1-Q1-I2

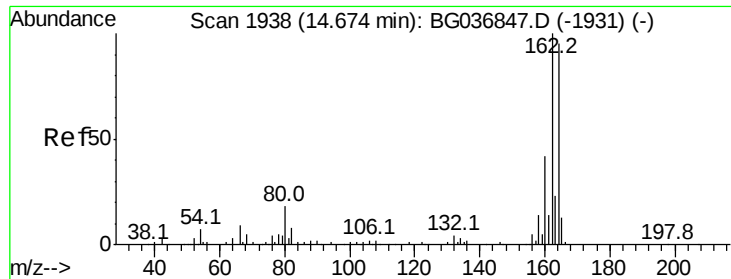
Tot Ion:136	Resp:	182086	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	8.8	13.2	
54 11.2	9.2	13.8	
68 6.5	5.8	8.6	



#23
Nitrobenzene-d5
Concen: 85.719 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037021.D
Acq: 27 Sep 2018 19:14

Tgt	Ion: 82	Resp:	291466
Ion	Ratio	Lower	Upper
82	100		
128	41.3	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: BG037021.D

Acq: 27 Sep 2018 19:14

Instrument :

BNA_G

ClientSampleId :

EP1-Q1-I2

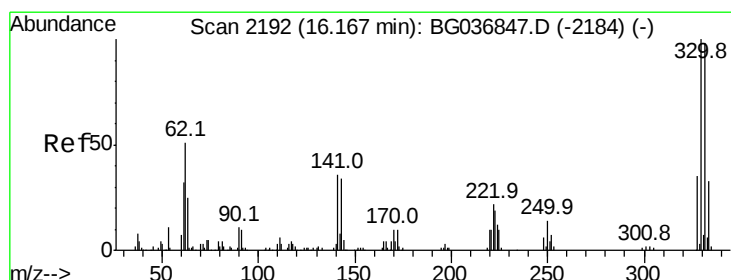
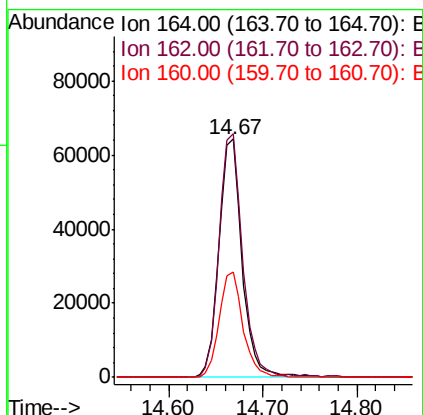
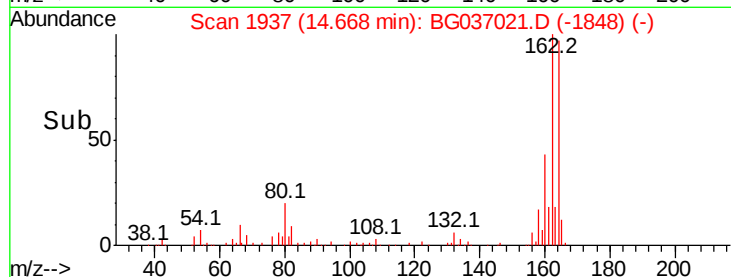
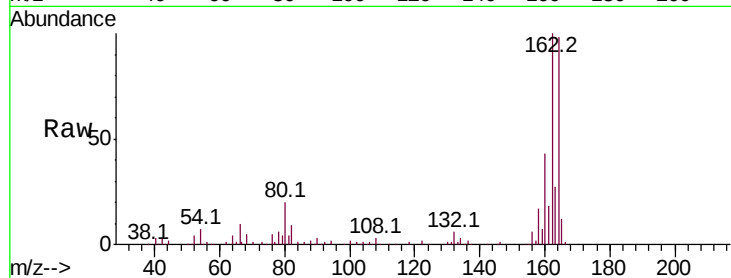
Tot Ion:164 Resp: 110552

Ion Ratio Lower Upper

164 100

162 102.3 80.7 121.1

160 44.1 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 132.164 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037021.D

Acq: 27 Sep 2018 19:14

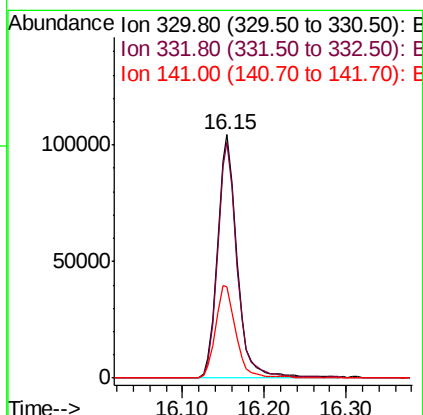
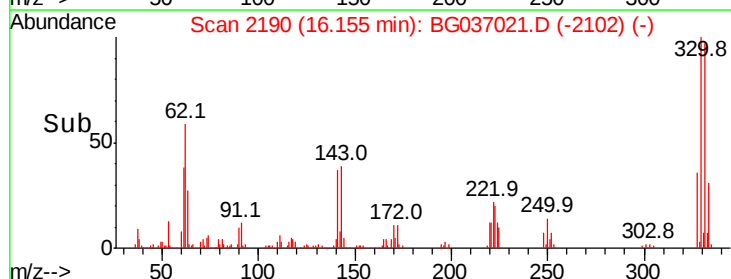
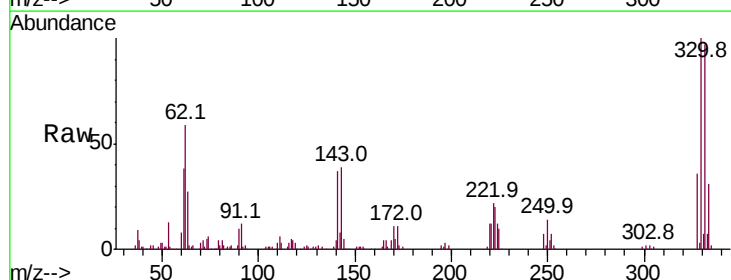
Tgt Ion:330 Resp: 174811

Ion Ratio Lower Upper

330 100

332 95.4 75.4 113.2

141 39.6 30.7 46.1

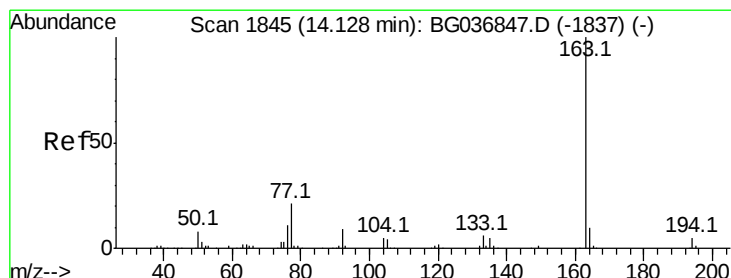
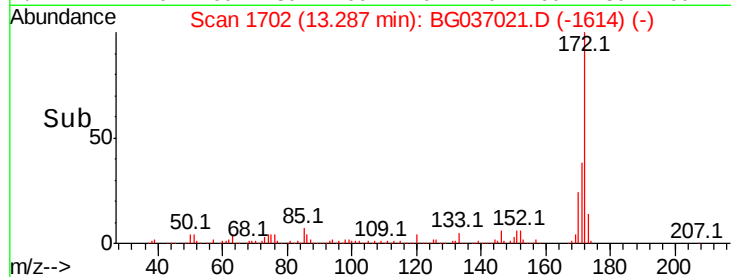
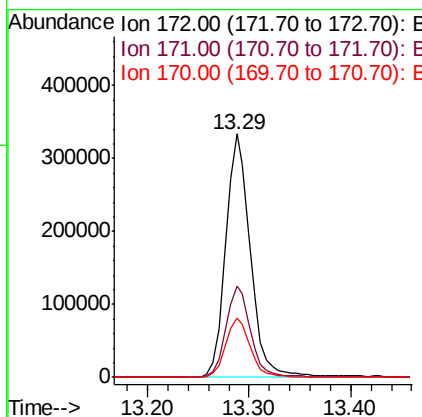
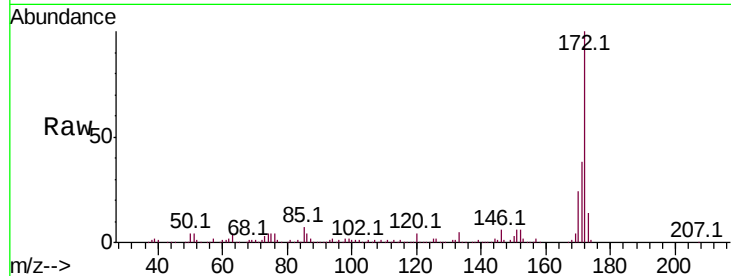




#44
2-Fluorobiphenyl
Concen: 75.949 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037021.D
Acq: 27 Sep 2018 19:14

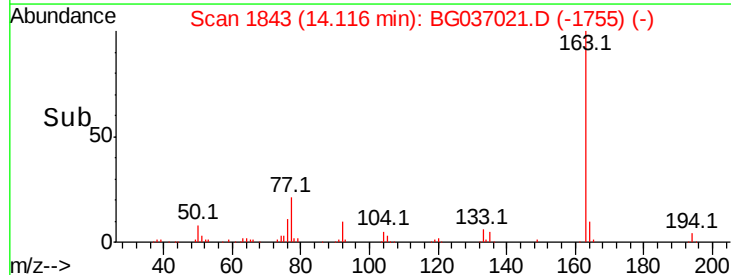
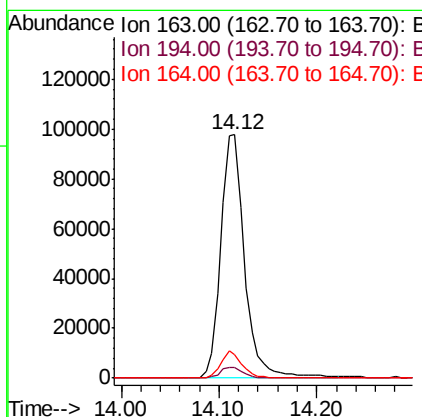
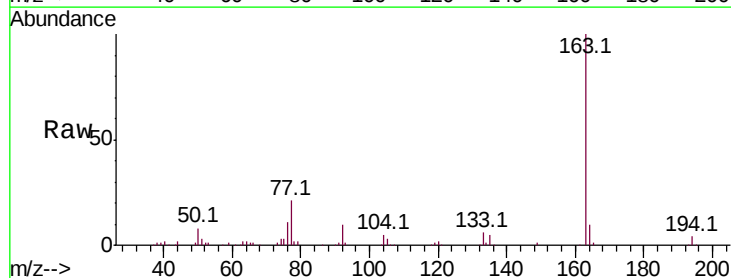
Instrument :
BNA_G
ClientSampleId :
EP1-Q1-I2

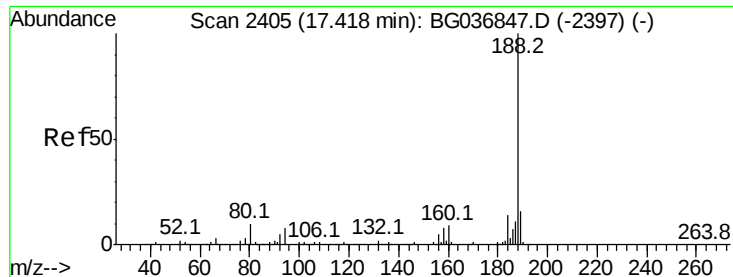
Tot Ion:172 Resp: 563740
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 24.3 21.0 31.6



#49
Dimethylphthalate
Concen: 18.600 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BG037021.D
Acq: 27 Sep 2018 19:14

Tgt Ion:163 Resp: 165514
Ion Ratio Lower Upper
163 100
194 4.3 4.0 6.0
164 9.8 8.1 12.1

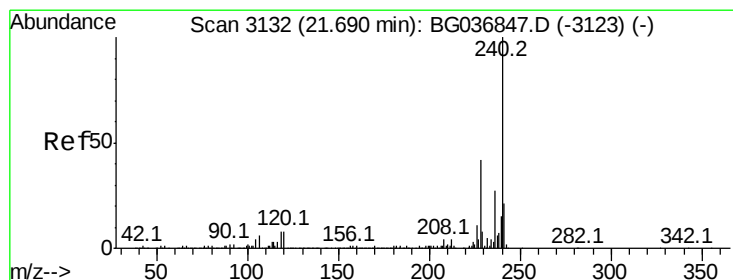
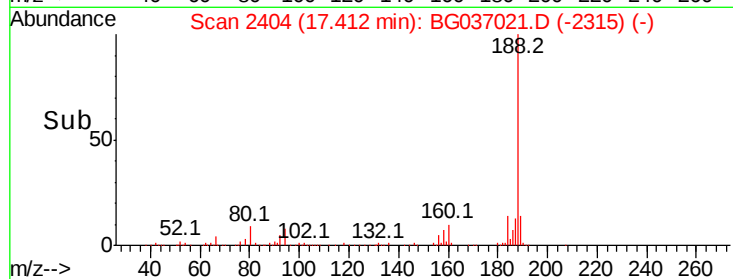
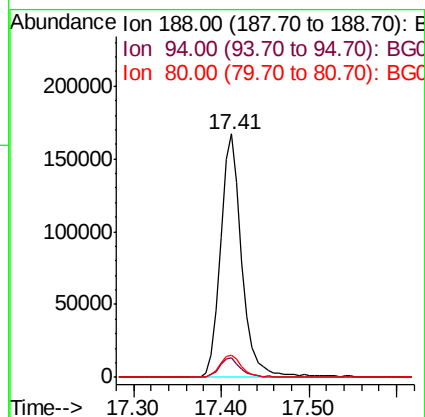
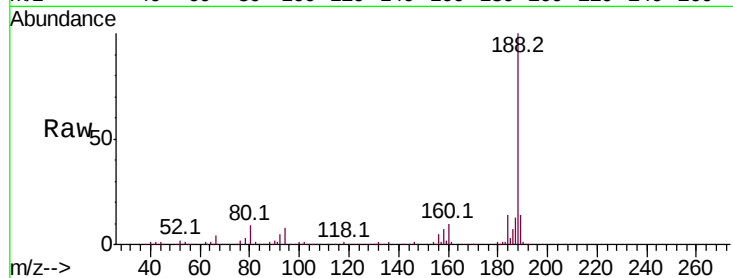




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037021.D
Acq: 27 Sep 2018 19:14

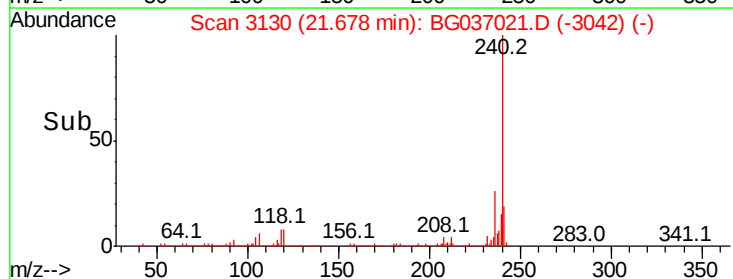
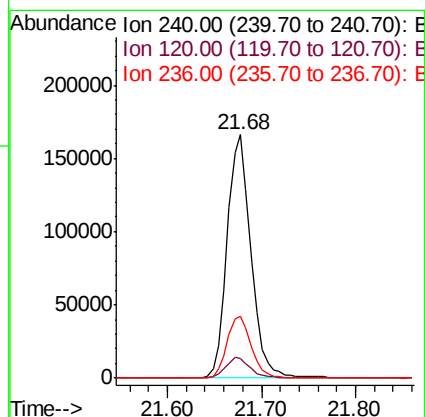
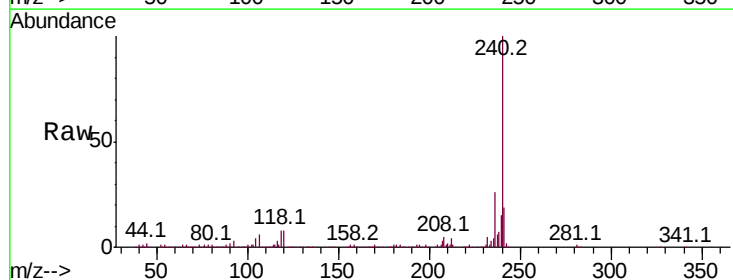
Instrument :
BNA_G
ClientSampleId :
EP1-Q1-I2

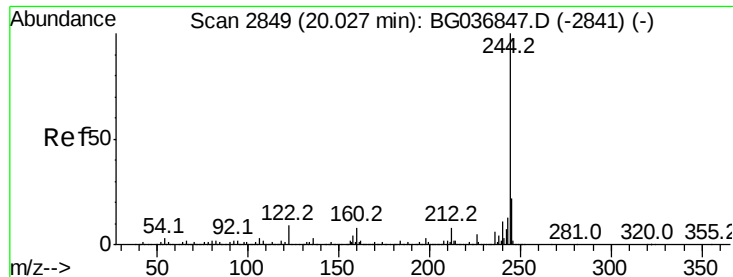
Tot Ion:188 Resp: 281083
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.9 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037021.D
Acq: 27 Sep 2018 19:14

Tgt Ion:240 Resp: 292759
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 25.6 21.2 31.8

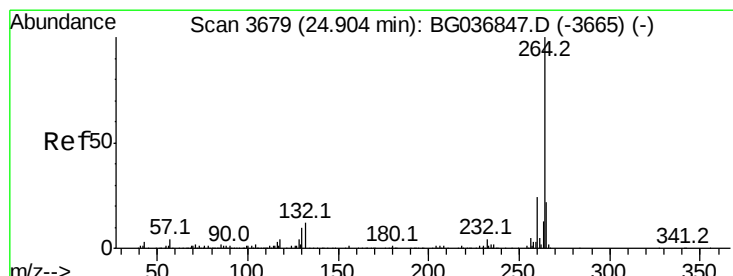
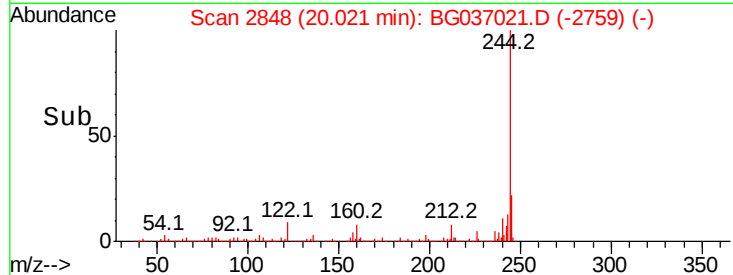
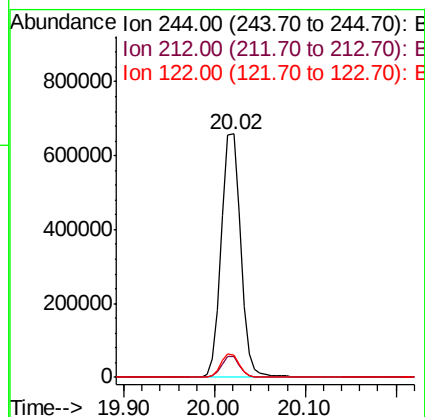
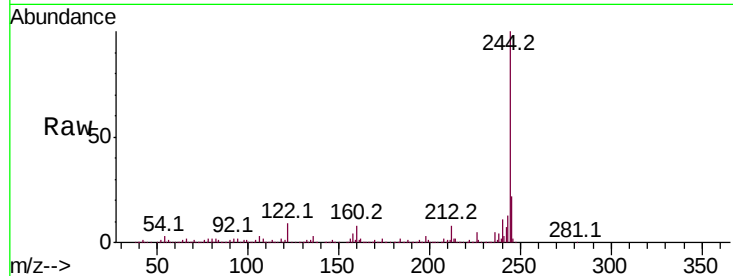




#78
 Terphenyl-d14
 Concen: 87.618 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG037021.D
 Acq: 27 Sep 2018 19:14

Instrument :
 BNA_G
 ClientSampleId :
 EP1-Q1-I2

Tot Ion:244 Resp: 975512
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.0 10.6
 122 8.9 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: BG037021.D
 Acq: 27 Sep 2018 19:14

Tgt Ion:264 Resp: 295430
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.7 17.4 26.0

