

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037025.D
 Acq On : 27 Sep 2018 21:50
 Operator : JU/SJ
 Sample : J5097-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Sep 28 04:37:13 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

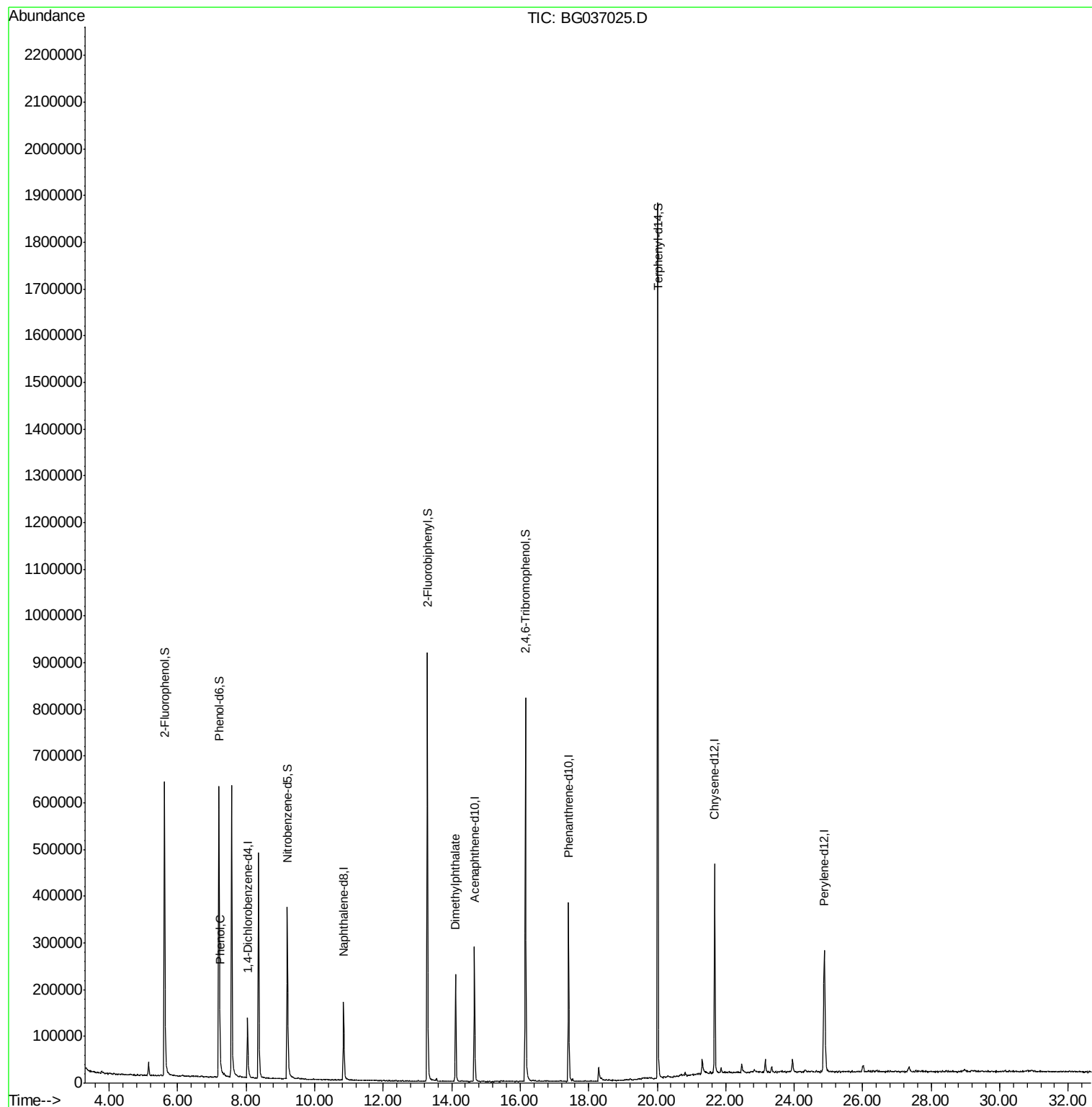
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42033	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	162738	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	103737	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	270811	20.00	ng	0.00
75) Chrysene-d12	21.68	240	296216	20.00	ng	0.00
86) Perylene-d12	24.88	264	289405	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	295482	134.82	ng	0.00
7) Phenol-d6	7.20	99	407139	120.06	ng	0.00
23) Nitrobenzene-d5	9.20	82	272954	89.82	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	160250	129.11	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	536795	77.07	ng	0.00
78) Terphenyl-d14	20.02	244	929335	82.50	ng	0.00
Target Compounds						
10) Phenol	7.23	94	8436	2.410	ng	Qvalue # 65
49) Dimethylphthalate	14.11	163	168384	20.165	ng	99

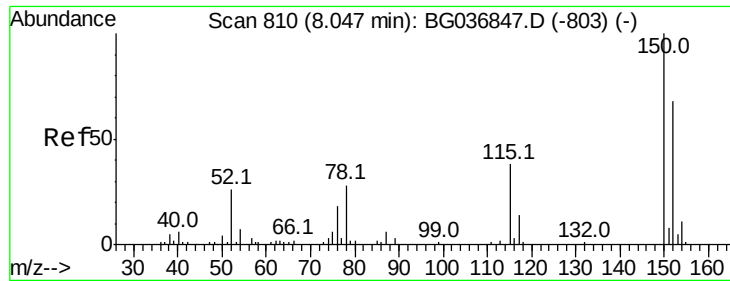
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG037025.D

Acq: 27 Sep 2018 21:50

Instrument :

BNA_G

ClientSampled :

TP-2

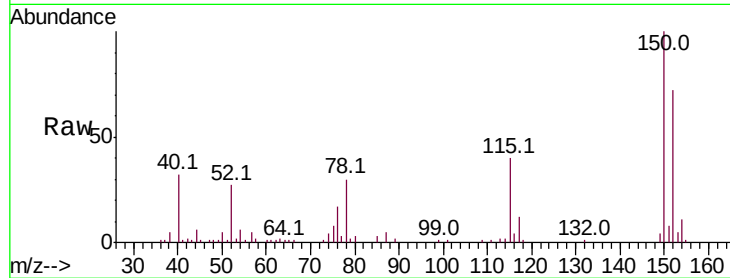
Tot Ion:152 Resp: 42033

Ion Ratio Lower Upper

152 100

150 138.8 119.5 179.3

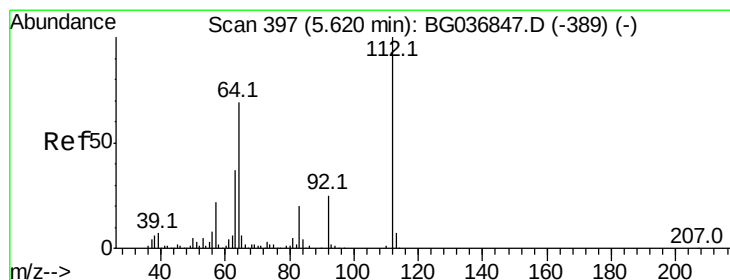
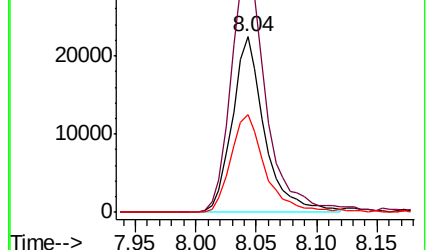
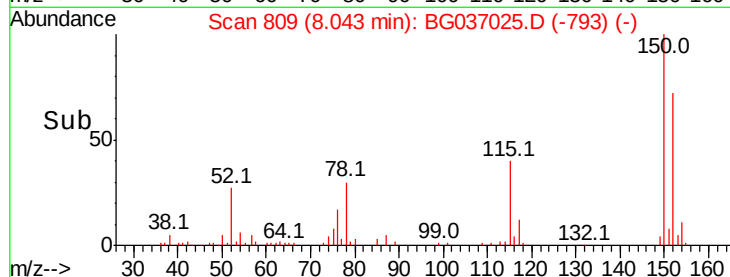
115 55.3 44.5 66.7



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: 134.816 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG037025.D

Acq: 27 Sep 2018 21:50

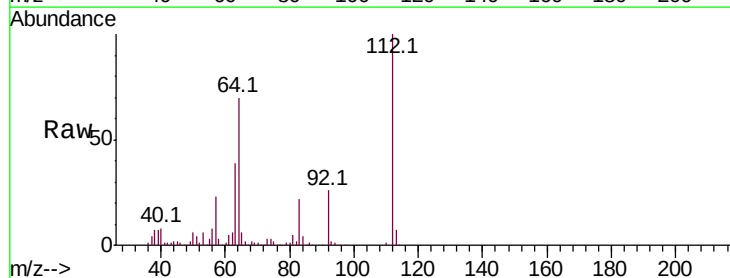
Tgt Ion:112 Resp: 295482

Ion Ratio Lower Upper

112 100

64 70.3 57.2 85.8

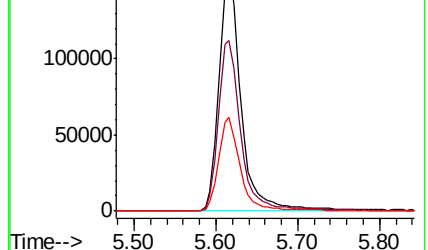
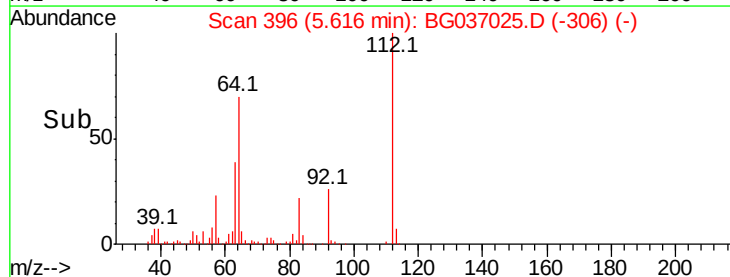
63 38.7 30.8 46.2

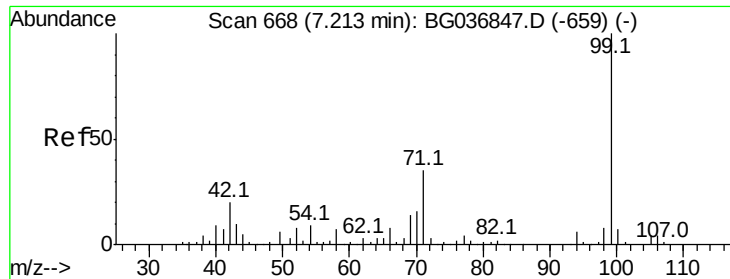


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 120.064 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037025.D

Acq: 27 Sep 2018 21:50

Instrument :

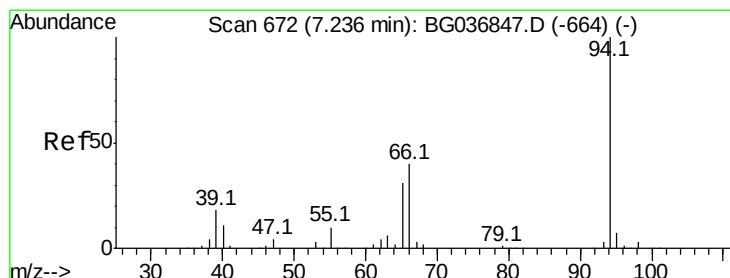
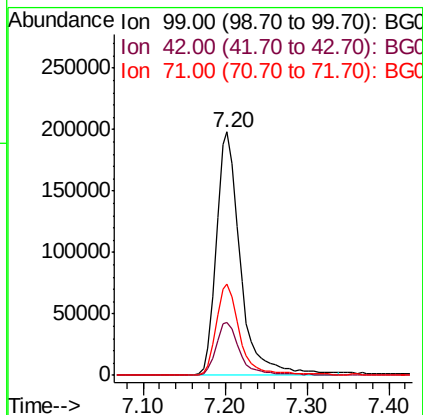
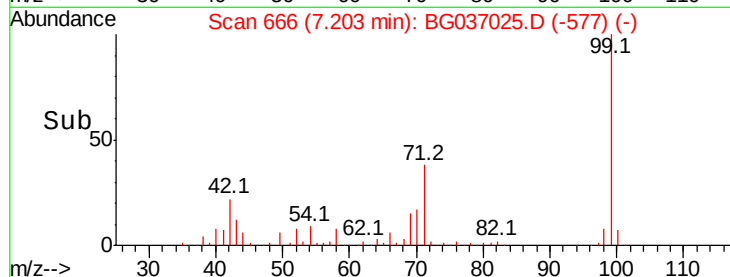
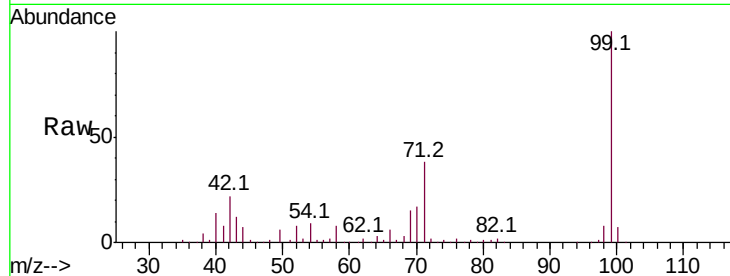
BNA_G

ClientSampled :

TP-2

Tot Ion: 99 Resp: 407139

Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.5	24.7
71	37.7	29.4	44.2



#10

Phenol

Concen: 2.410 ng

RT: 7.23 min Scan# 671

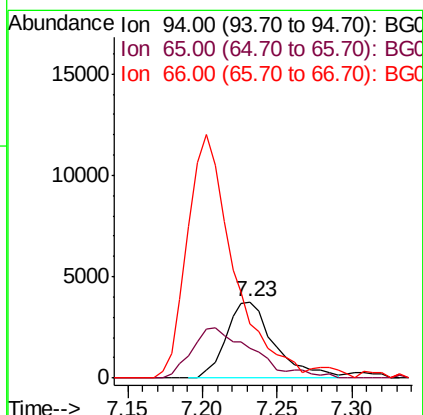
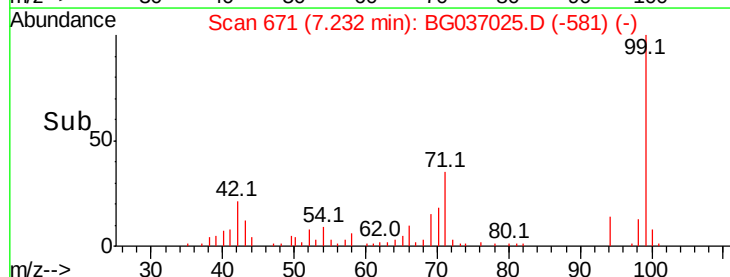
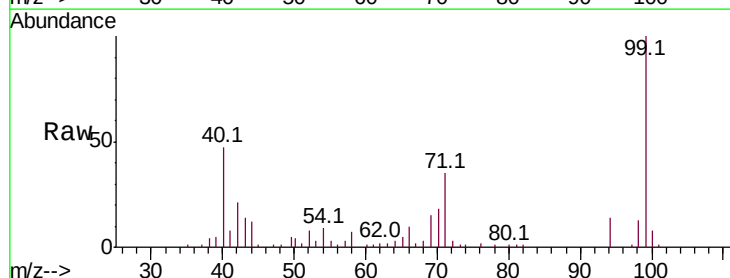
Delta R.T. -0.00 min

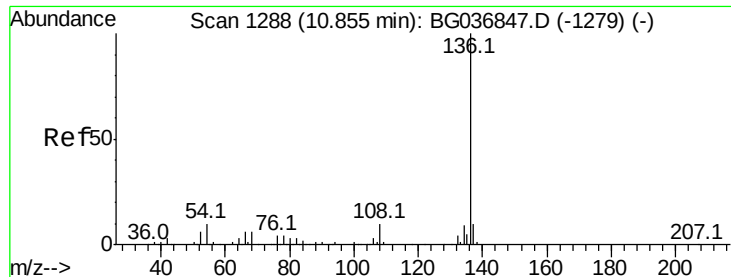
Lab File: BG037025.D

Acq: 27 Sep 2018 21:50

Tgt Ion: 94 Resp: 8436

Ion	Ratio	Lower	Upper
94	100		
65	39.5	11.5	51.5
66	70.9	19.5	59.5

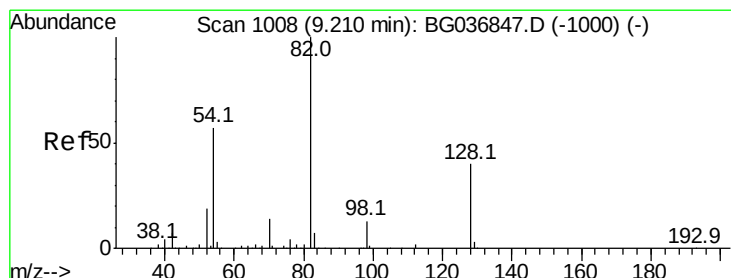
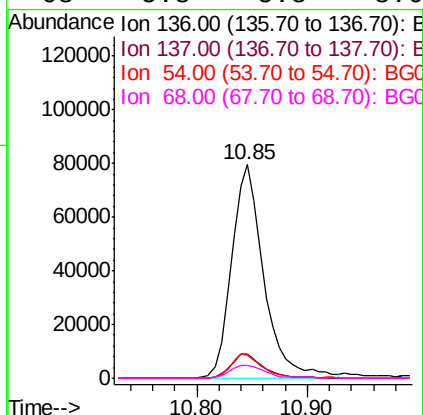
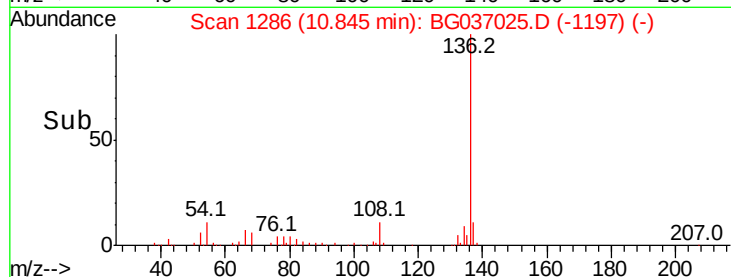
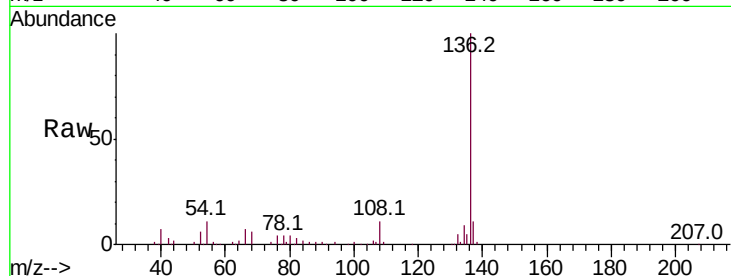




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037025.D
Acq: 27 Sep 2018 21:50

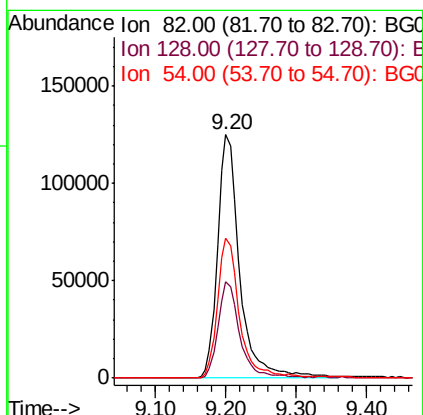
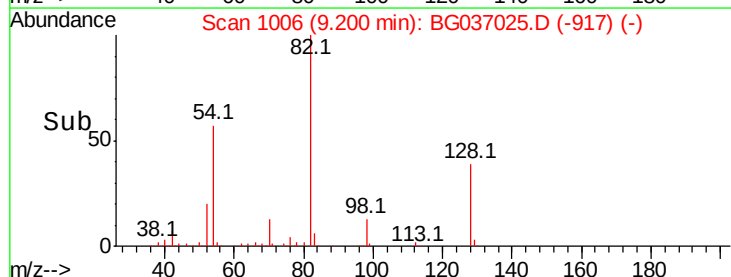
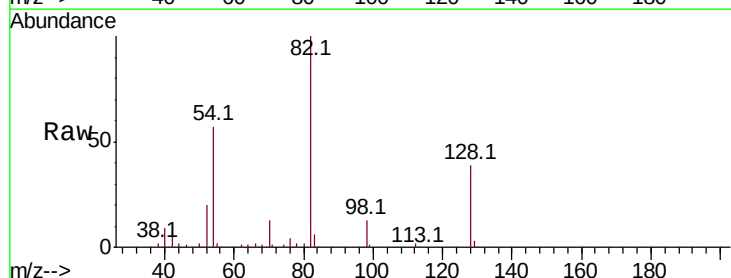
Instrument :
BNA_G
ClientSampleId :
TP-2

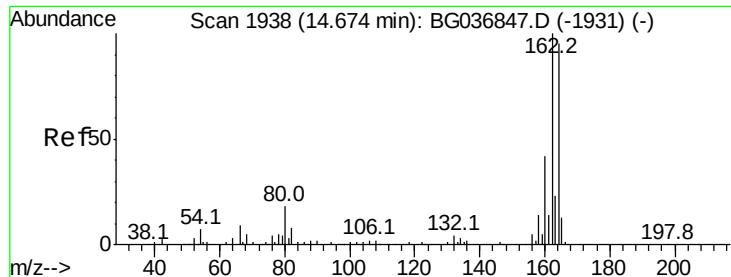
Tot Ion:136	Resp:	162738	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.8	13.2	
54 10.8	9.2	13.8	
68 5.8	5.8	8.6	



#23
Nitrobenzene-d5
Concen: 89.819 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037025.D
Acq: 27 Sep 2018 21:50

Tgt Ion: 82	Resp: 272954
Ion Ratio	Lower Upper
82 100	
128 39.5	33.3 49.9
54 57.5	45.1 67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037025.D

Acq: 27 Sep 2018 21:50

Instrument :

BNA_G

ClientSampleId :

TP-2

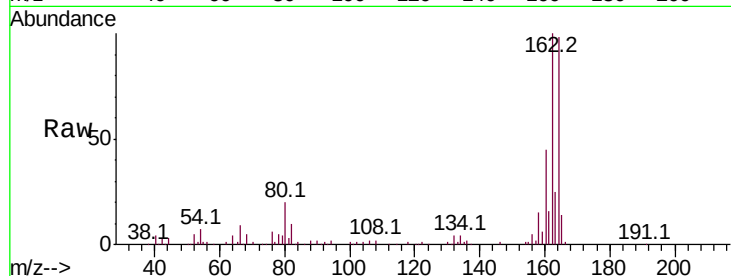
Tot Ion:164 Resp: 103737

Ion Ratio Lower Upper

164 100

162 102.1 80.7 121.1

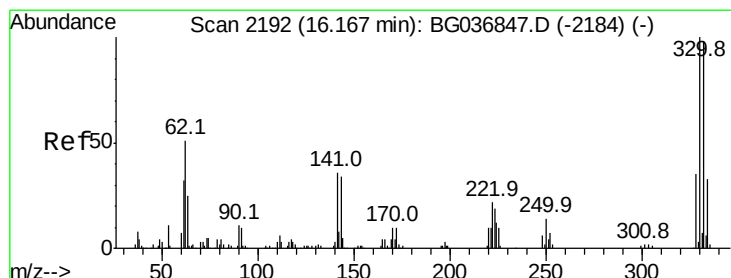
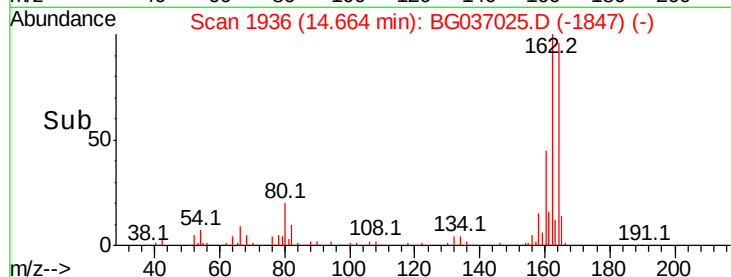
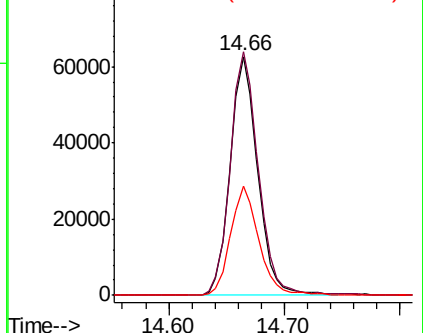
160 45.7 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 129.114 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037025.D

Acq: 27 Sep 2018 21:50

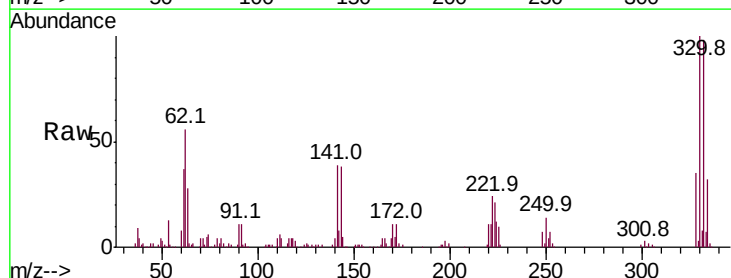
Tgt Ion:330 Resp: 160250

Ion Ratio Lower Upper

330 100

332 95.8 75.4 113.2

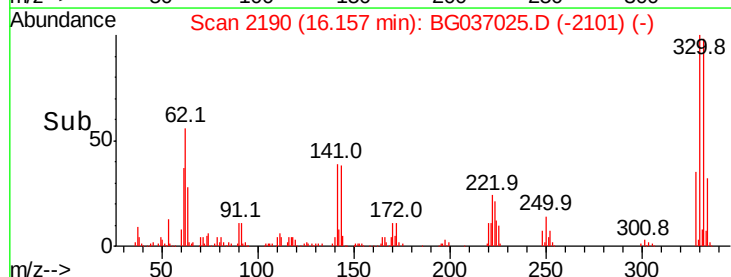
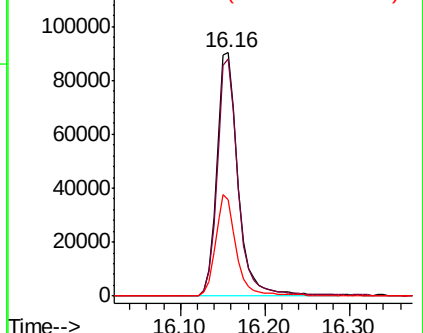
141 40.4 30.7 46.1

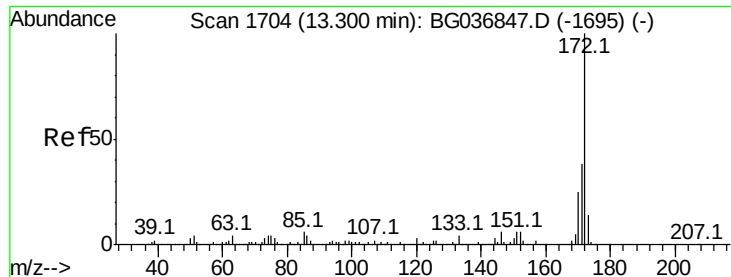


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

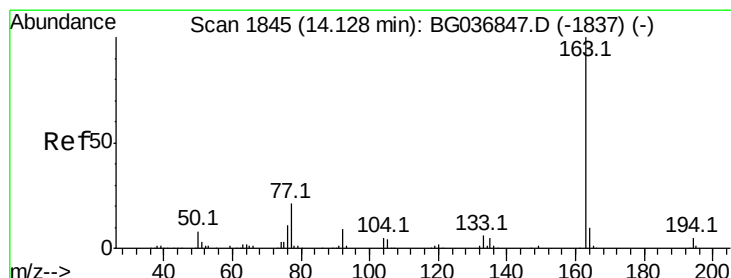
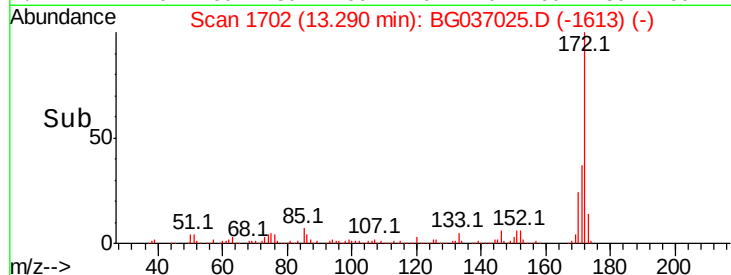
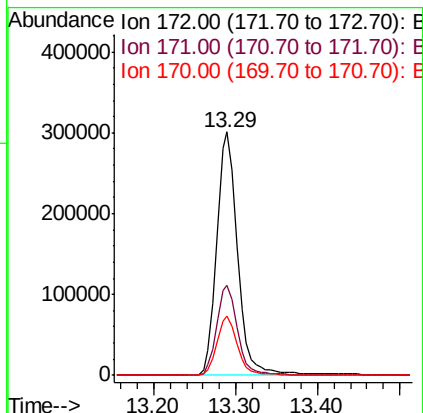
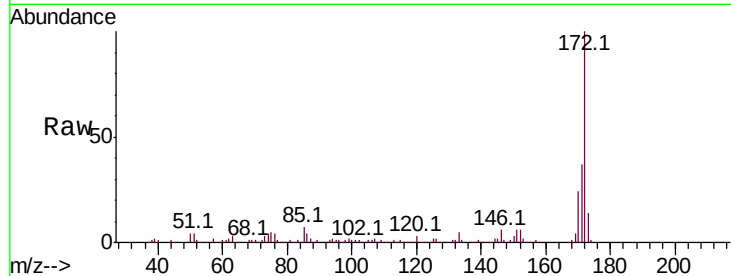




#44
2-Fluorobiphenyl
Concen: 77.070 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037025.D
Acq: 27 Sep 2018 21:50

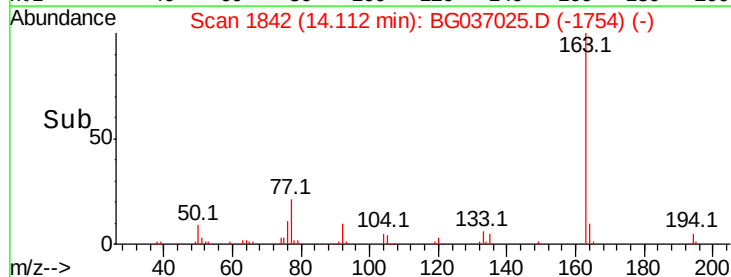
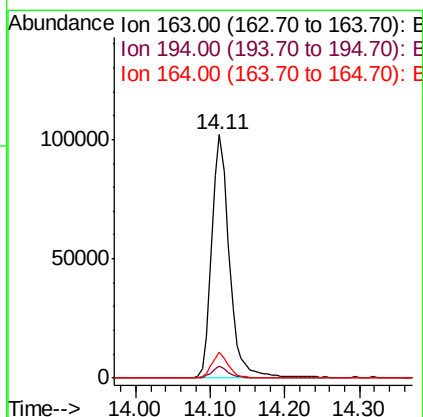
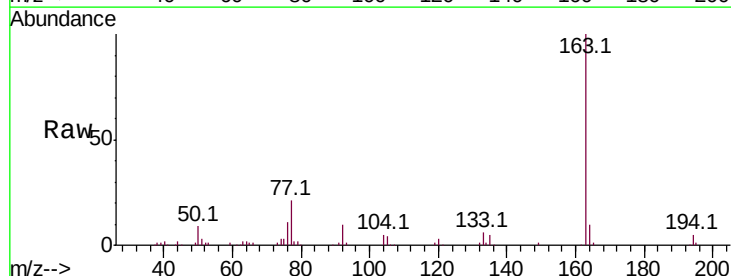
Instrument :
BNA_G
ClientSampleId :
TP-2

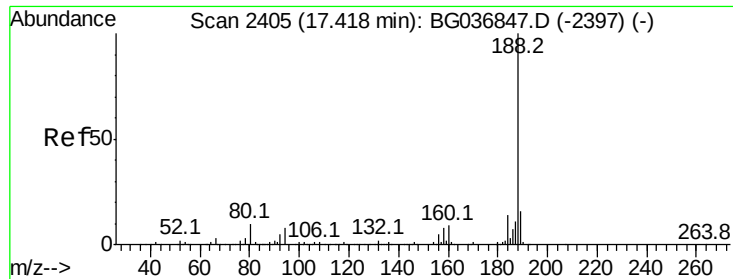
Tot Ion:172 Resp: 536795
Ion Ratio Lower Upper
172 100
171 36.8 31.3 46.9
170 24.4 21.0 31.6



#49
Dimethylphthalate
Concen: 20.165 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG037025.D
Acq: 27 Sep 2018 21:50

Tgt Ion:163 Resp: 168384
Ion Ratio Lower Upper
163 100
194 4.9 4.0 6.0
164 10.5 8.1 12.1

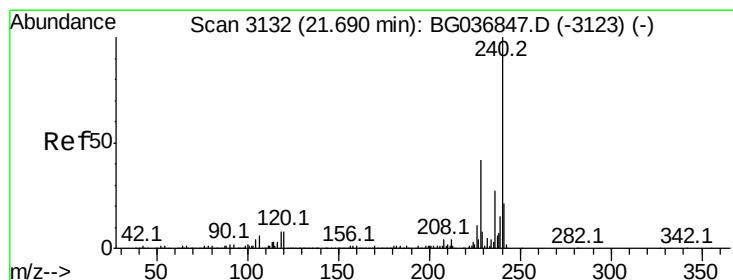
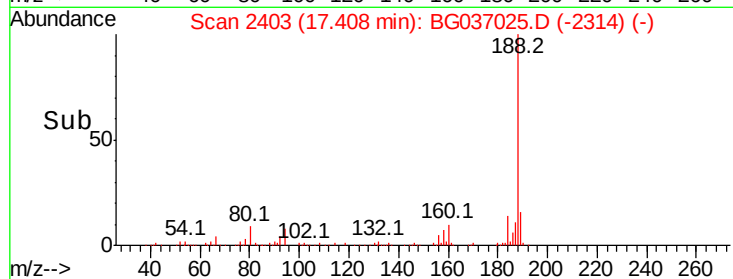
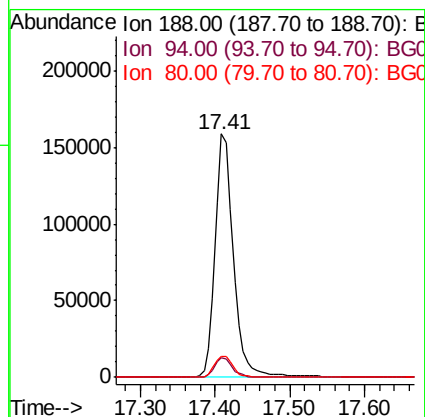
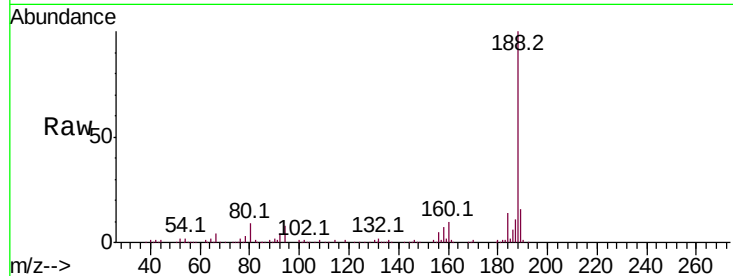




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037025.D
Acq: 27 Sep 2018 21:50

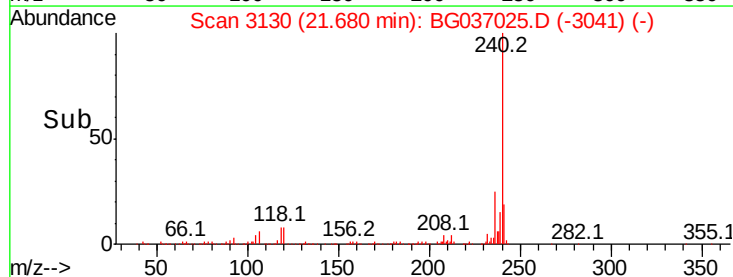
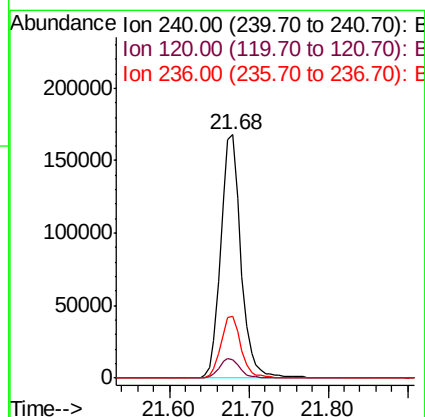
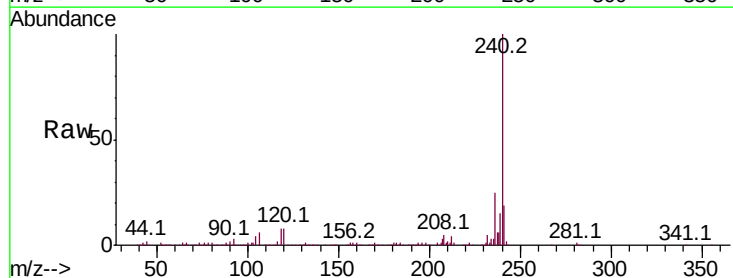
Instrument :
BNA_G
ClientSampleId :
TP-2

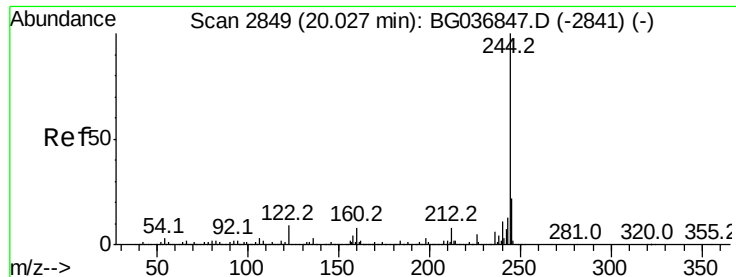
Tot Ion:188 Resp: 270811
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037025.D
Acq: 27 Sep 2018 21:50

Tgt Ion:240 Resp: 296216
Ion Ratio Lower Upper
240 100
120 7.6 6.9 10.3
236 25.4 21.2 31.8

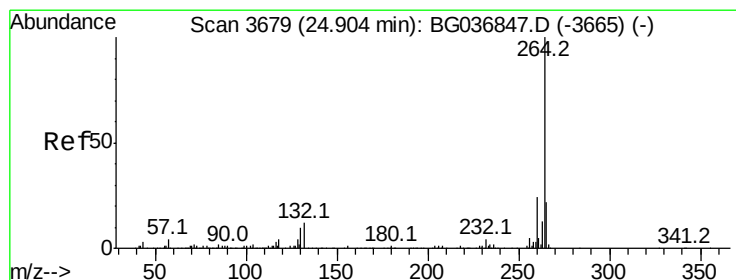
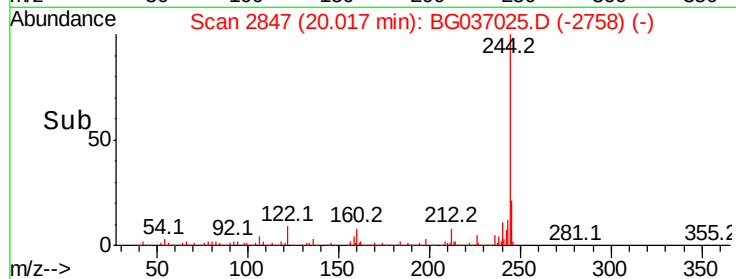
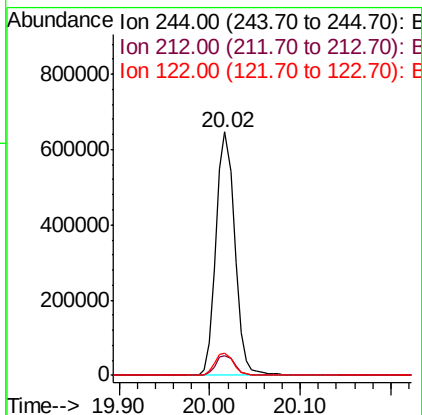
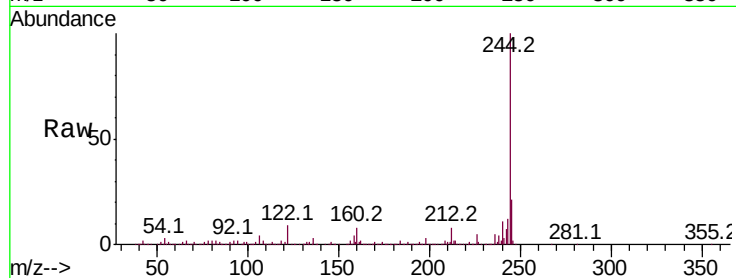




#78
 Terphenyl-d14
 Concen: 82.496 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037025.D
 Acq: 27 Sep 2018 21:50

Instrument :
 BNA_G
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.0	10.6
122	9.2	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3674
 Delta R.T. -0.03 min
 Lab File: BG037025.D
 Acq: 27 Sep 2018 21:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	21.6	17.4	26.0

