

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037496.D
 Acq On : 24 Oct 2018 5:04
 Operator : JU/SJ
 Sample : J5603-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT106

Quant Time: Oct 24 08:51:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

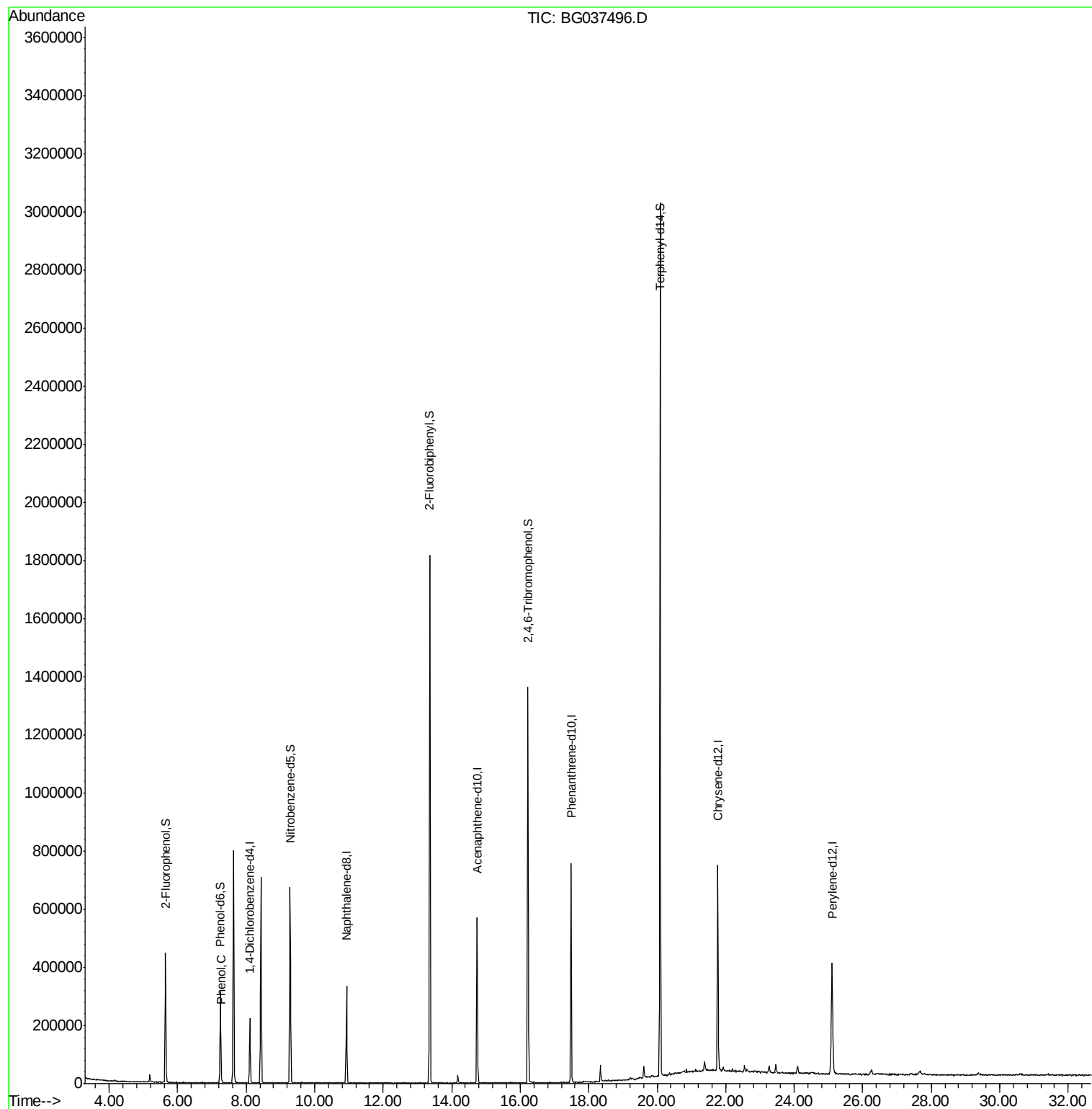
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	64802	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	300367	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	197893	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	472494	20.00	ng	0.00
76) Chrysene-d12	21.77	240	411560	20.00	ng	0.00
87) Perylene-d12	25.11	264	420115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	210128	54.21	ng	0.00
7) Phenol-d6	7.24	99	197115	33.63	ng	0.00
23) Nitrobenzene-d5	9.28	82	418691	78.09	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	251481	116.51	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	986529	75.17	ng	0.00
79) Terphenyl-d14	20.08	244	1466317	76.13	ng	0.00
Target Compounds						
10) Phenol	7.27	94	12684	2.051	ng	Qvalue 95

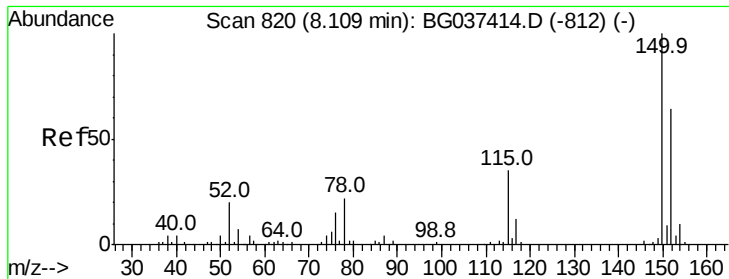
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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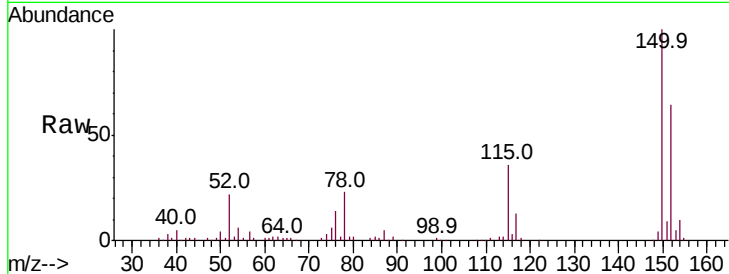


#1

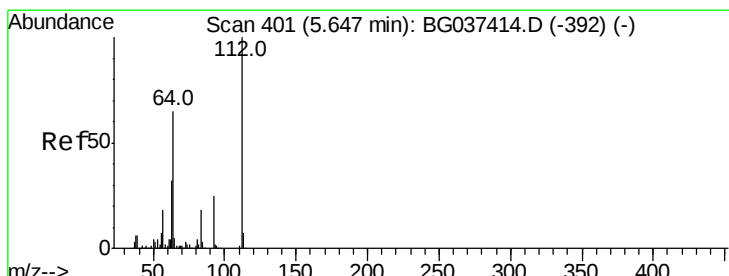
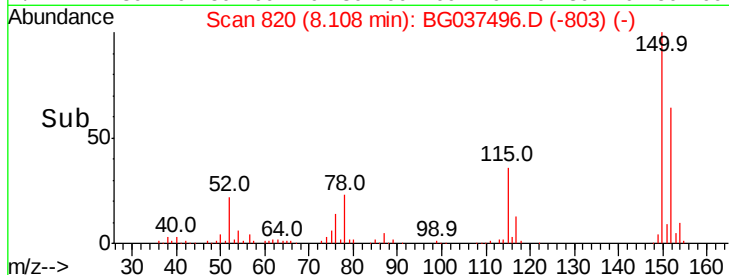
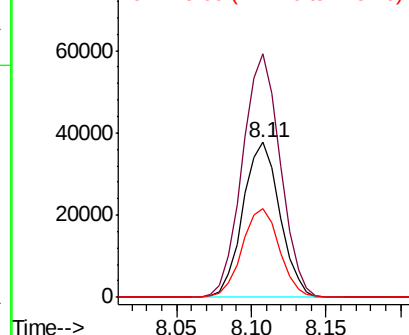
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037496.D
Acq: 24 Oct 2018 5:04

Instrument :
BNA_G
ClientSampleId :
RAV-GT106

Tot Ion:152 Resp: 64802
Ion Ratio Lower Upper
152 100
150 157.2 126.0 189.0
115 57.3 45.5 68.3



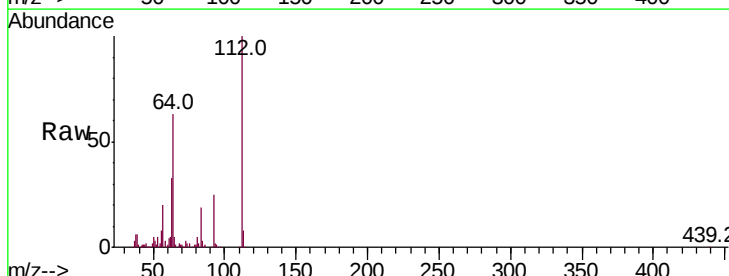
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



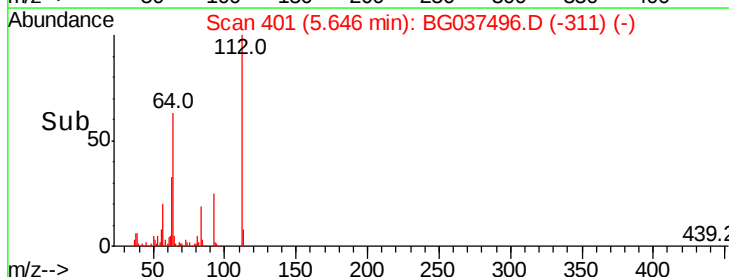
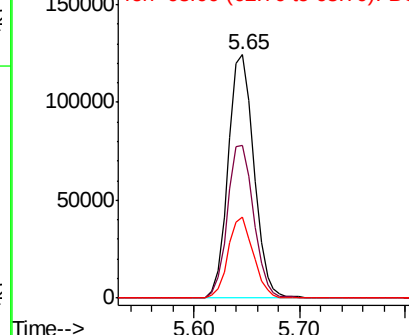
#5

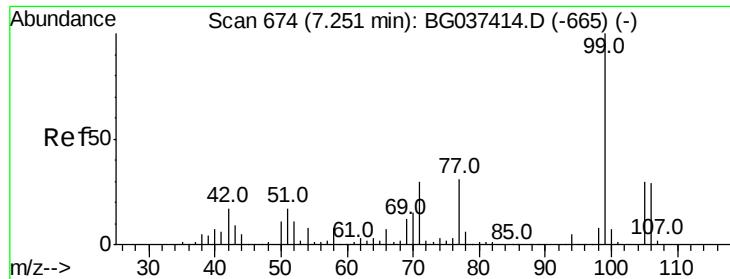
2-Fluorophenol
Concen: 54.212 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037496.D
Acq: 24 Oct 2018 5:04

Tgt Ion:112 Resp: 210128
Ion Ratio Lower Upper
112 100
64 62.8 53.1 79.7
63 33.4 27.3 40.9



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: 33.631 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037496.D

Acq: 24 Oct 2018 5:04

Instrument :

BNA_G

ClientSampleId :

RAV-GT106

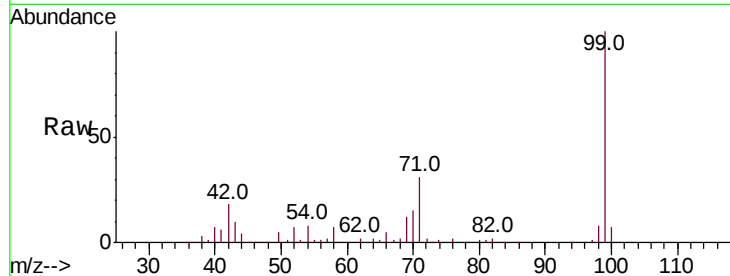
Tot Ion: 99 Resp: 197115

Ion Ratio Lower Upper

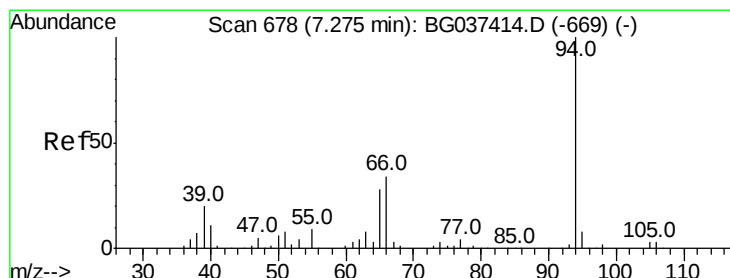
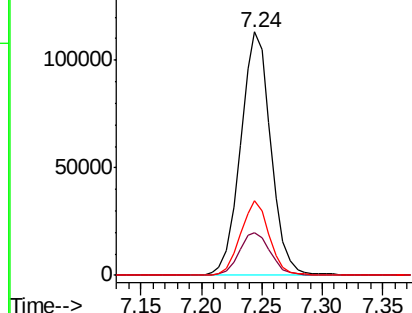
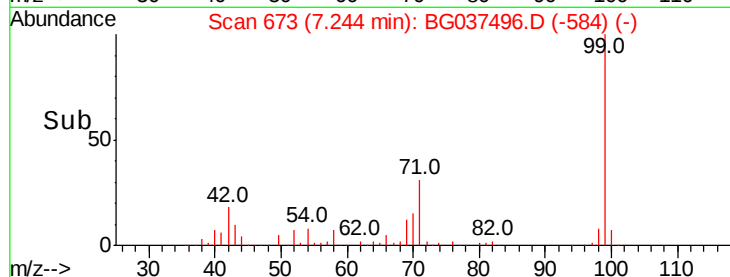
99 100

42 17.7 15.0 22.4

71 30.6 25.5 38.3



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: 2.051 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037496.D

Acq: 24 Oct 2018 5:04

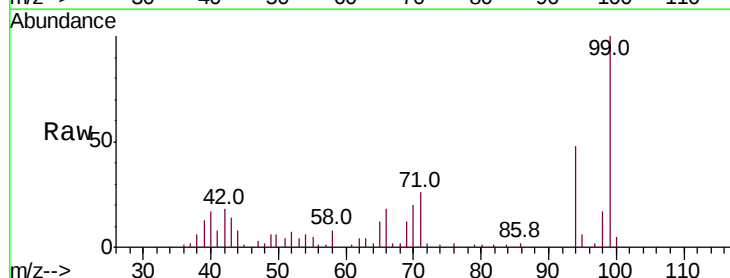
Tgt Ion: 94 Resp: 12684

Ion Ratio Lower Upper

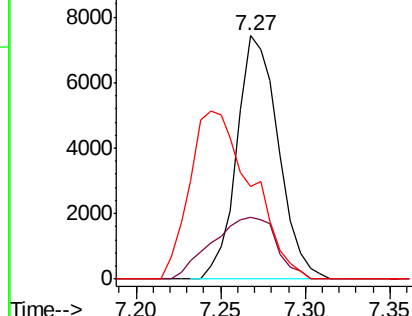
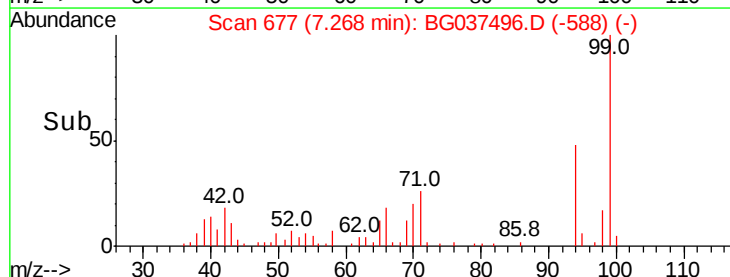
94 100

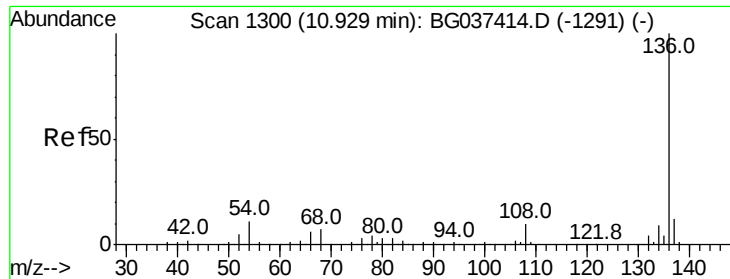
65 25.6 9.7 49.7

66 38.0 15.9 55.9



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

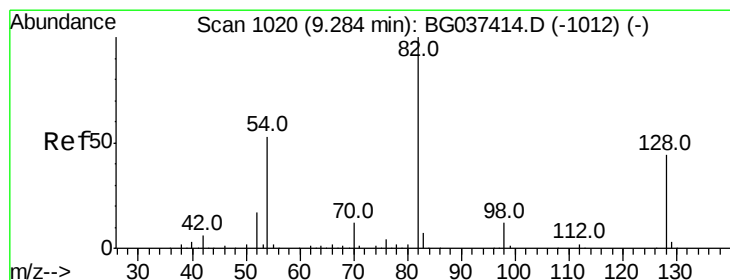
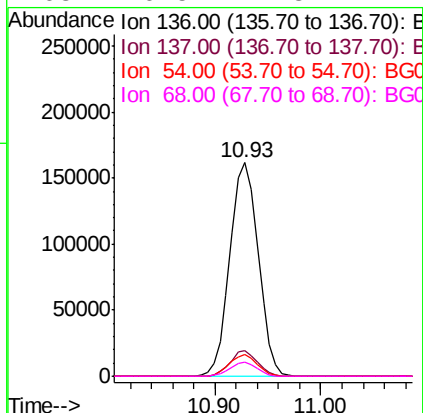
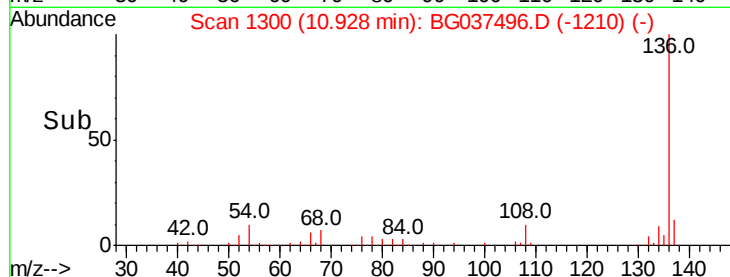
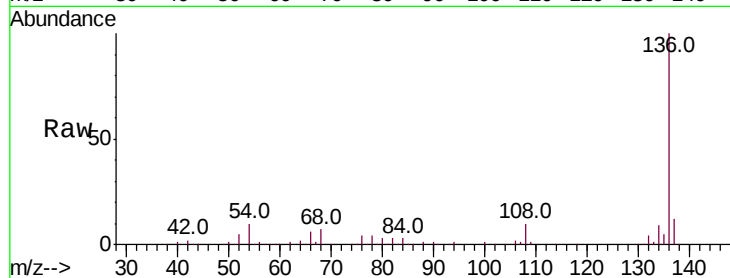




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037496.D
Acq: 24 Oct 2018 5:04

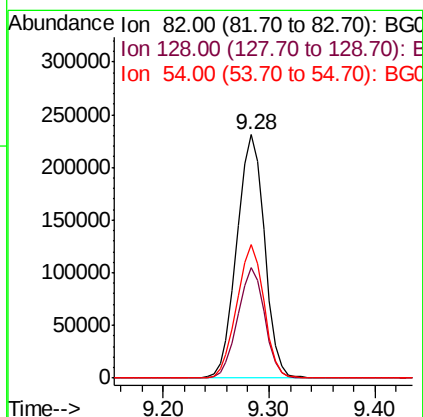
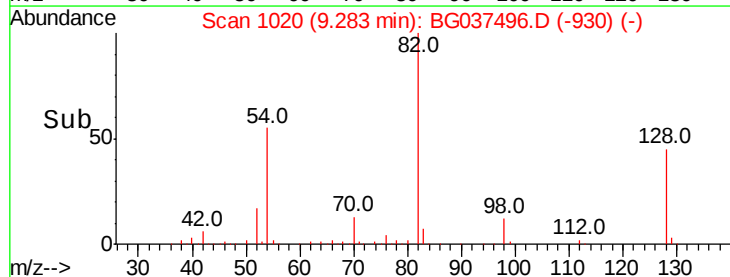
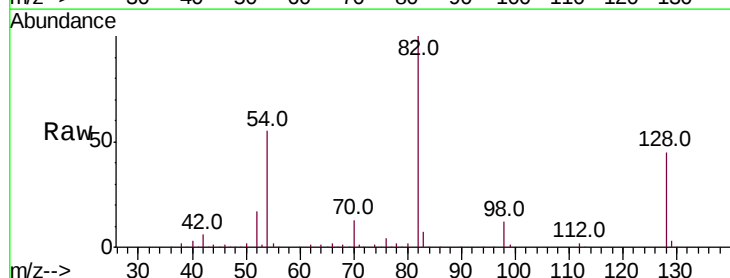
Instrument :
BNA_G
ClientSampleId :
RAV-GT106

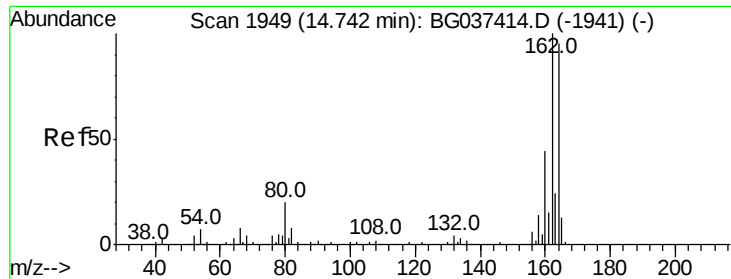
Tot Ion:	136	Resp:	300367
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.1	7.9	11.9
68	6.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 78.087 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037496.D
Acq: 24 Oct 2018 5:04

Tgt Ion:	82	Resp:	418691
Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.6	51.8
54	55.1	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037496.D

Acq: 24 Oct 2018 5:04

Instrument :

BNA_G

ClientSampleId :

RAV-GT106

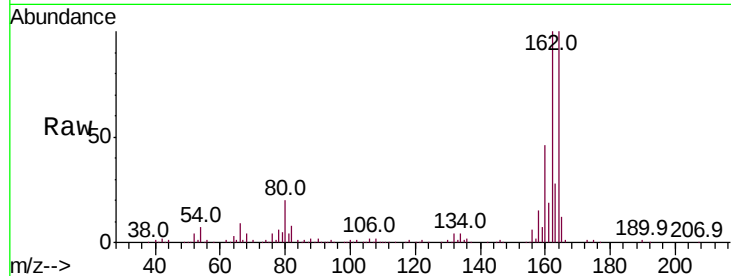
Tot Ion:164 Resp: 197893

Ion Ratio Lower Upper

164 100

162 100.4 81.3 121.9

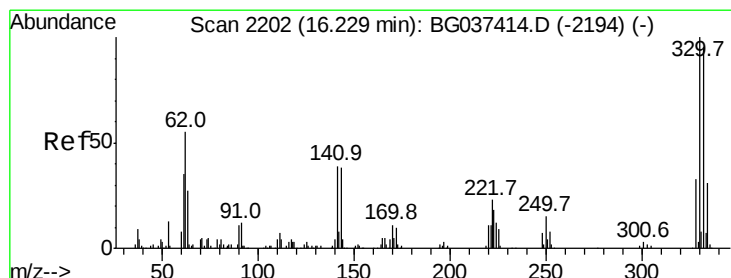
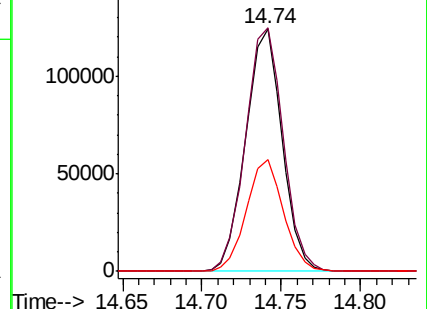
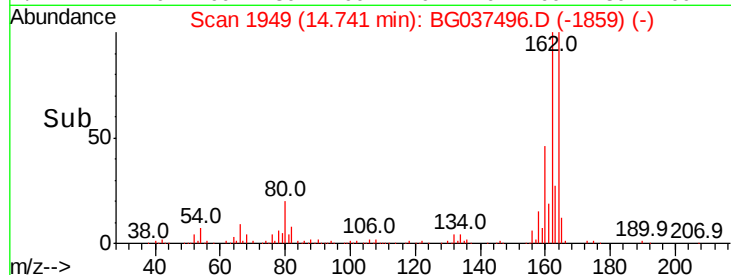
160 46.1 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 116.513 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037496.D

Acq: 24 Oct 2018 5:04

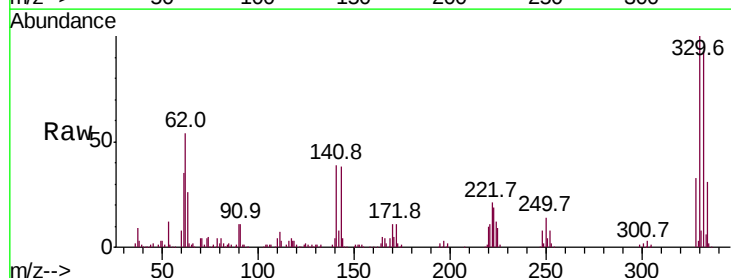
Tgt Ion:330 Resp: 251481

Ion Ratio Lower Upper

330 100

332 96.1 78.4 117.6

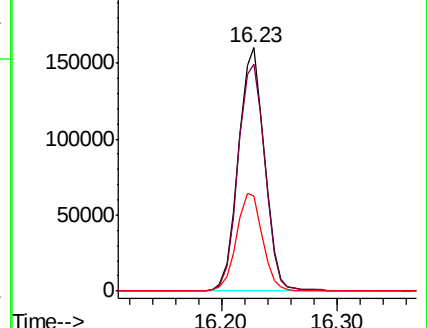
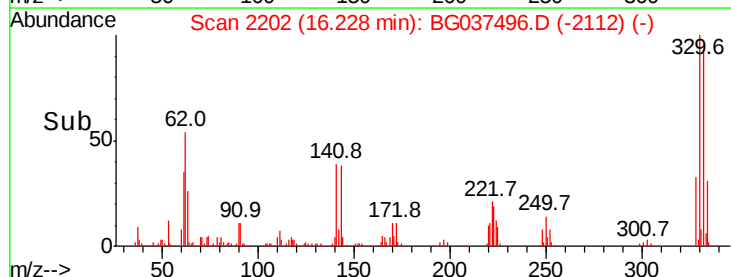
141 40.1 32.2 48.2

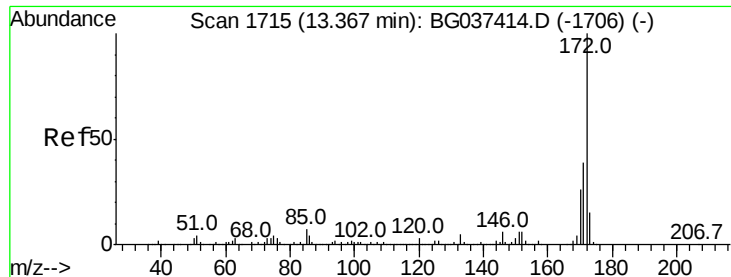


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



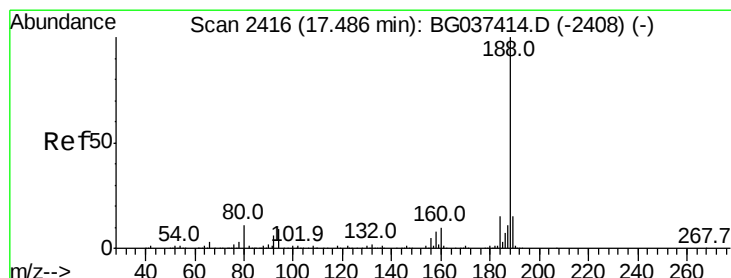
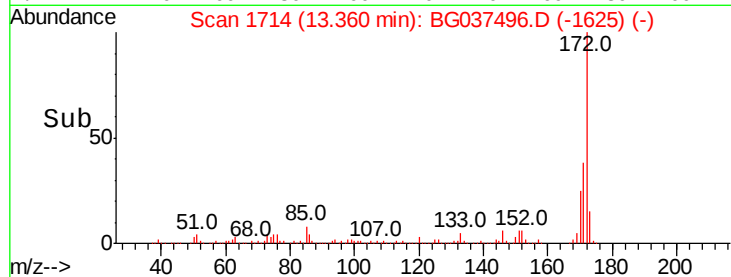
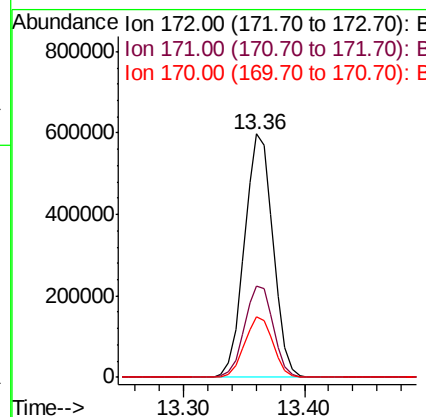
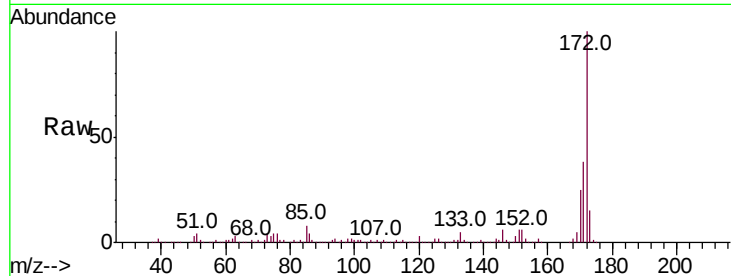


#45
 2-Fluorobiphenyl
 Concen: 75.173 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037496.D
 Acq: 24 Oct 2018 5:04

Instrument :
 BNA_G
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 RAV-GT106

Tot Ion:172 Resp: 986529

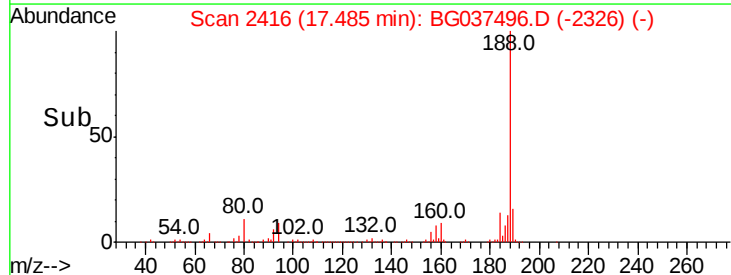
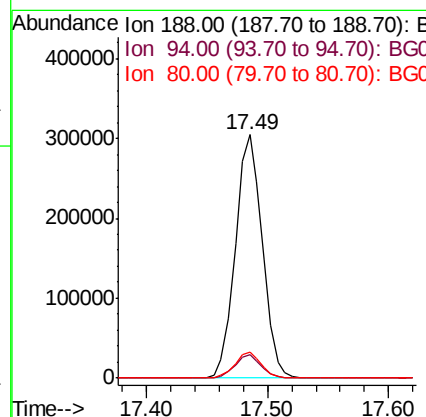
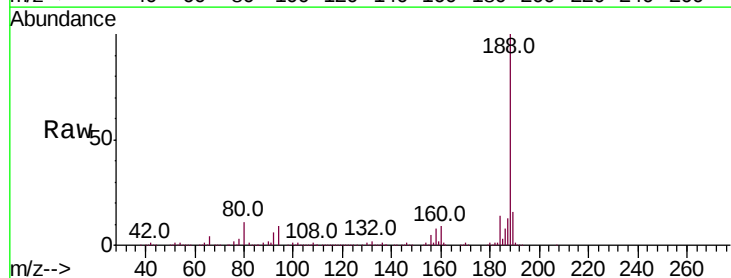
Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	25.1	20.2	30.2

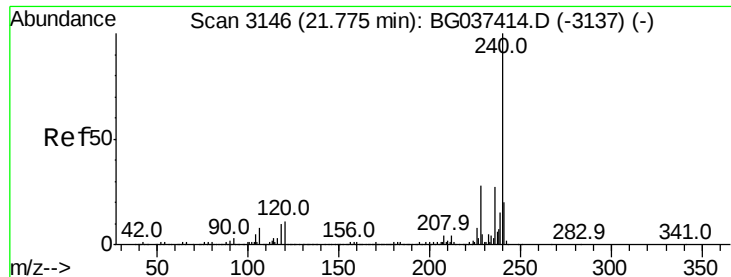


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037496.D
 Acq: 24 Oct 2018 5:04

Tgt Ion:188 Resp: 472494

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.5	7.7	11.5

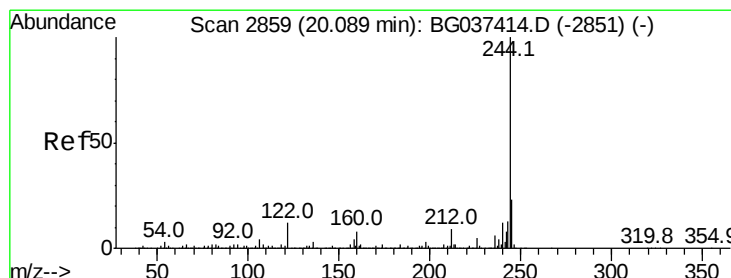
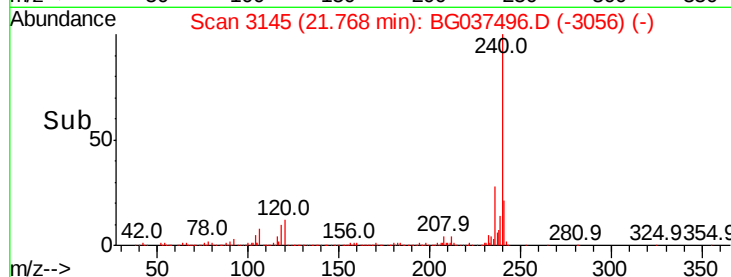
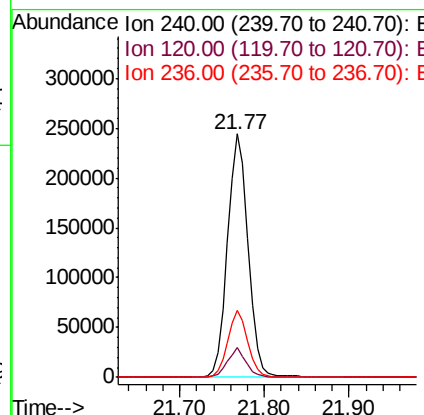
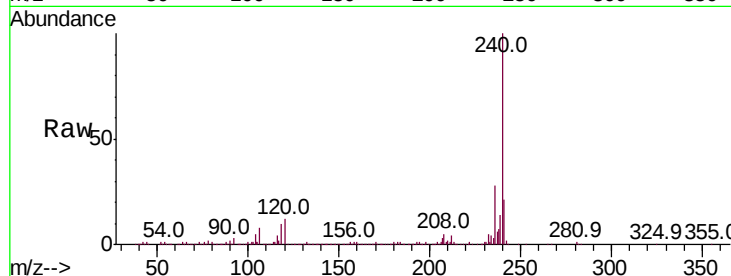




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037496.D
 Acq: 24 Oct 2018 5:04

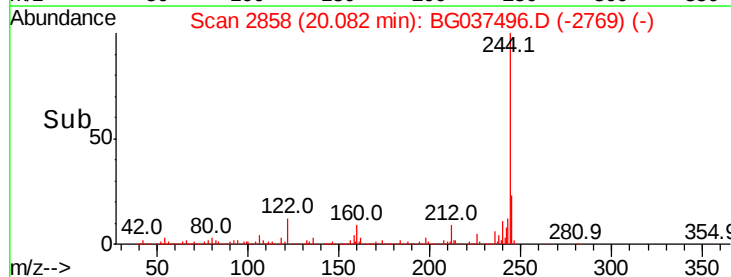
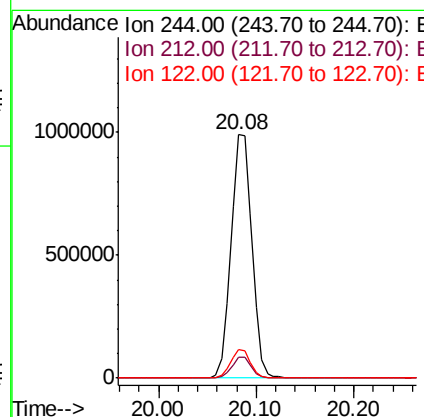
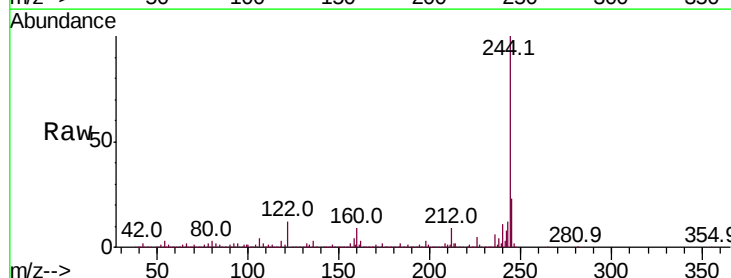
Instrument :
 BNA_G
 ClientSampleId :
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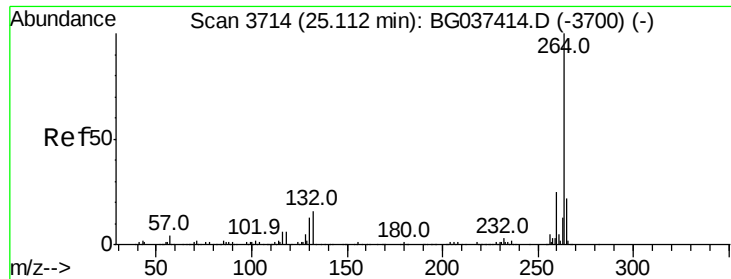
Tot Ion:240 Resp: 411560
 Ion Ratio Lower Upper
 240 100
 120 12.2 8.1 12.1#
 236 27.6 21.4 32.0



#79
 Terphenyl-d14
 Concen: 76.129 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037496.D
 Acq: 24 Oct 2018 5:04

Tgt Ion:244 Resp: 1466317
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.5 9.7
 122 11.8 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG037496.D
 Acq: 24 Oct 2018 5:04

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT106

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.5	17.9	26.9

