

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
 Data File : BG038645.D
 Acq On : 16 Dec 2018 18:04
 Operator : JU/SJ
 Sample : J6391-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS017-1218-01

Quant Time: Dec 17 06:23:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

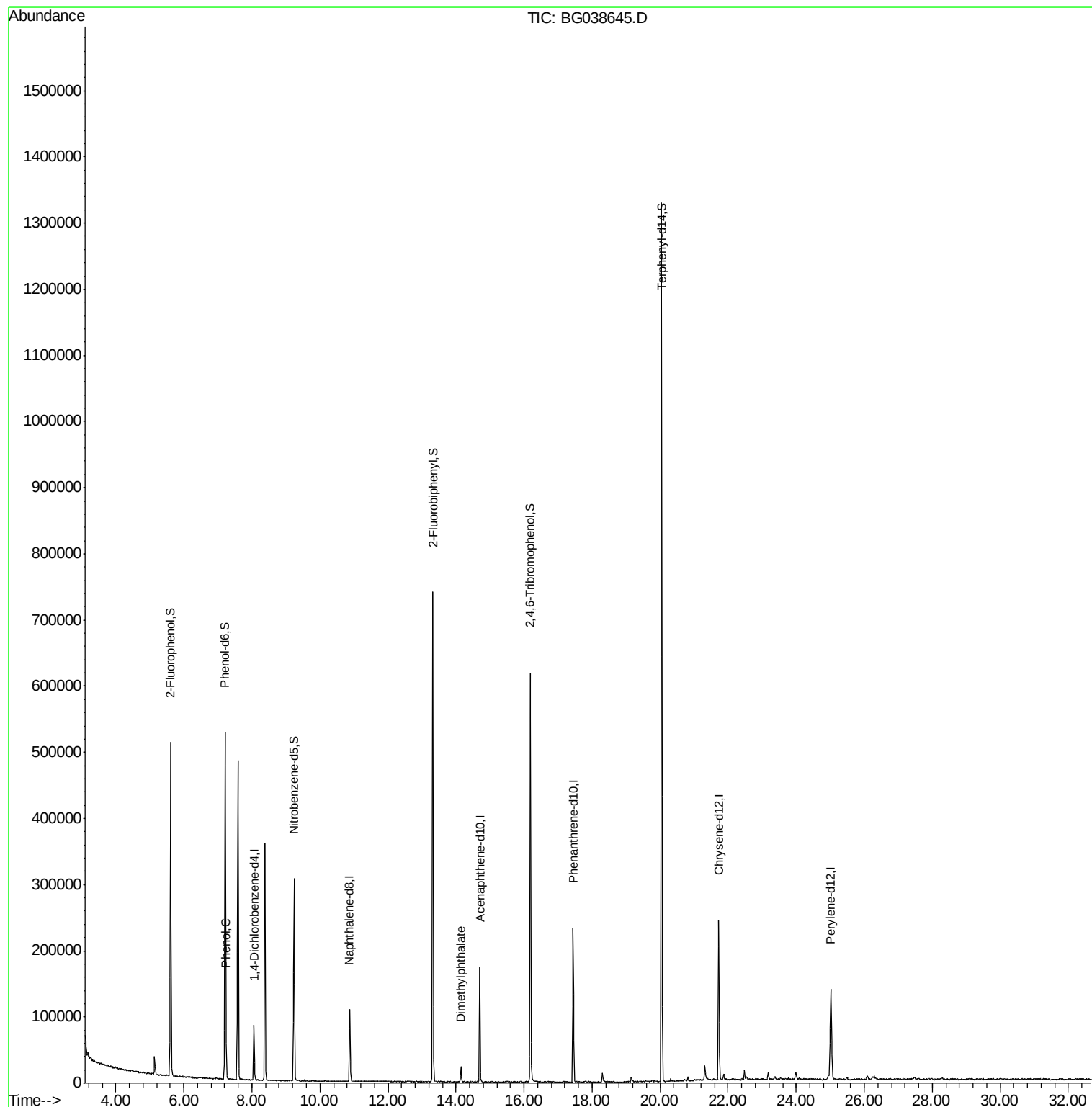
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23483	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	99226	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	64786	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	153379	20.00	ng	0.00
76) Chrysene-d12	21.72	240	156851	20.00	ng	0.00
87) Perylene-d12	25.02	264	166032	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	207907	157.03	ng	0.00
7) Phenol-d6	7.21	99	282143	155.23	ng	0.00
23) Nitrobenzene-d5	9.24	82	186634	96.09	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	123448	138.26	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	405151	85.79	ng	0.00
79) Terphenyl-d14	20.05	244	648744	90.01	ng	0.00
Target Compounds						
10) Phenol	7.24	94	15239	7.892	ng	97
50) Dimethylphthalate	14.15	163	18581	3.512	ng	96

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

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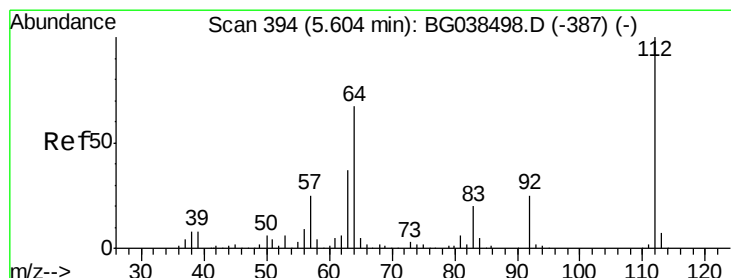
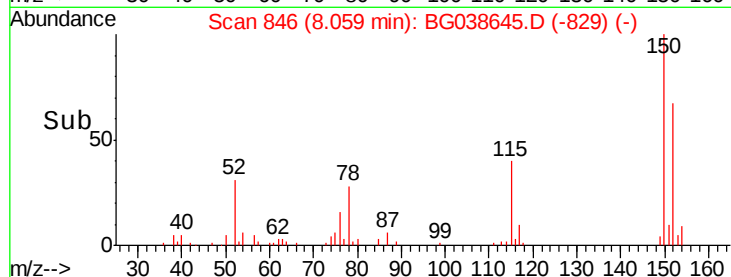
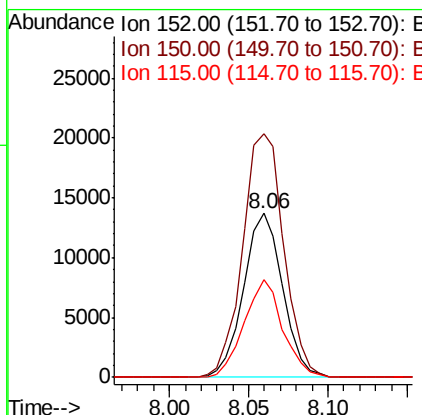
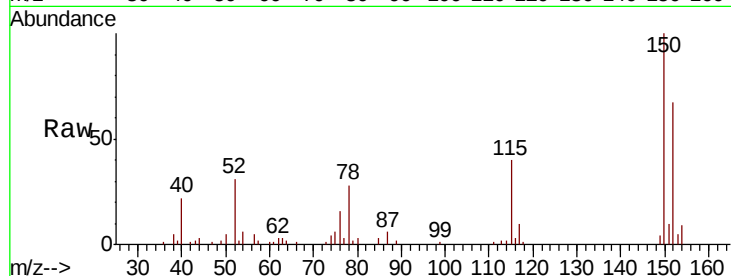




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038645.D
 Acq: 16 Dec 2018 18:04

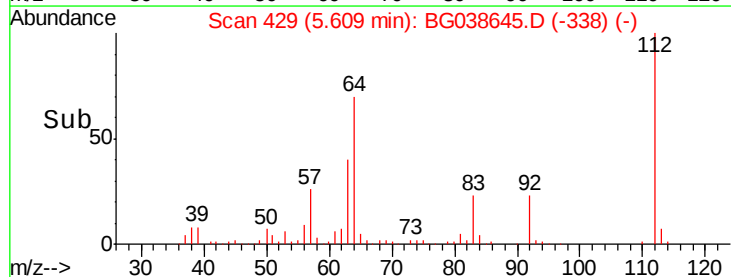
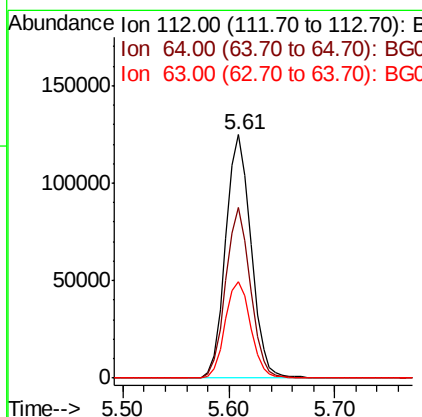
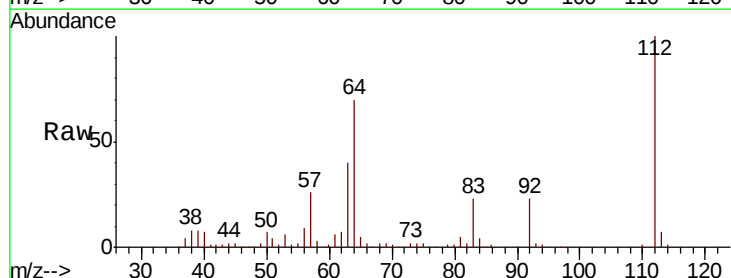
Instrument :
 BNA_G
 ClientSampleId :
 P001-SS017-1218-01

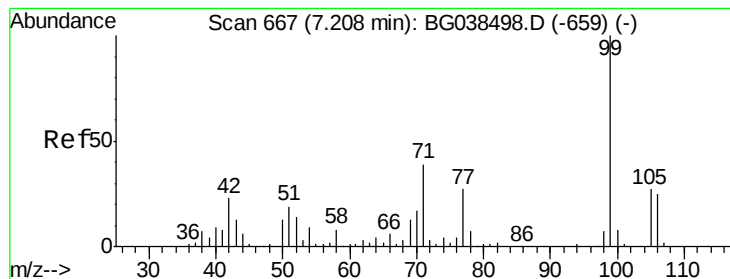
Tot Ion:152 Resp: 23483
 Ion Ratio Lower Upper
 152 100
 150 148.8 119.5 179.3
 115 60.0 49.6 74.4



#5
 2-Fluorophenol
 Concen: 157.030 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038645.D
 Acq: 16 Dec 2018 18:04

Tgt Ion:112 Resp: 207907
 Ion Ratio Lower Upper
 112 100
 64 70.2 53.4 80.2
 63 39.5 29.3 43.9





#7

Phenol-d6

Concen: 155.230 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038645.D

Acq: 16 Dec 2018 18:04

Instrument :

BNA_G

ClientSampleId :

P001-SS017-1218-01

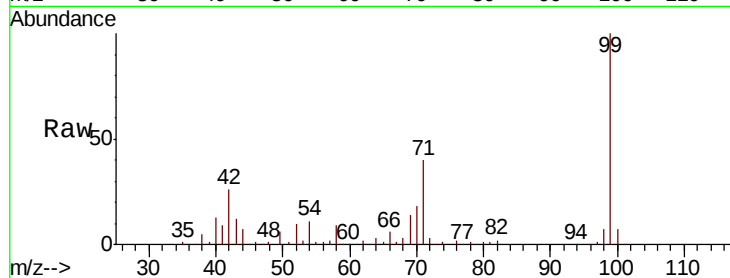
Tot Ion: 99 Resp: 282143

Ion Ratio Lower Upper

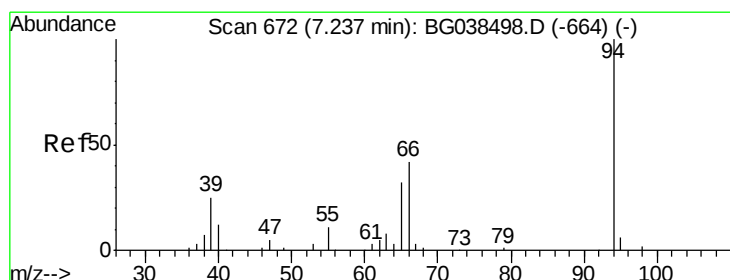
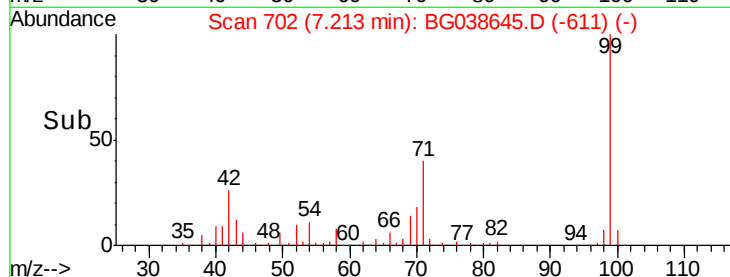
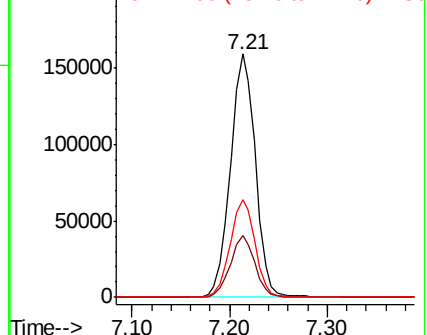
99 100

42 25.6 18.5 27.7

71 40.4 31.1 46.7



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: 7.892 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038645.D

Acq: 16 Dec 2018 18:04

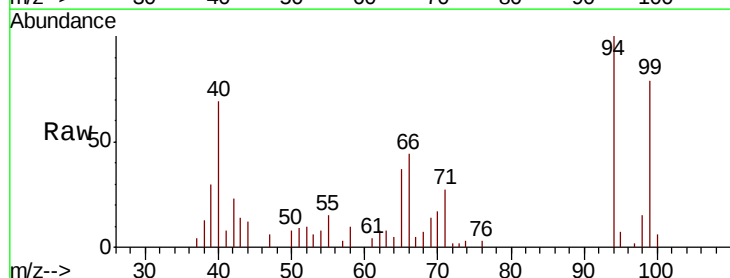
Tgt Ion: 94 Resp: 15239

Ion Ratio Lower Upper

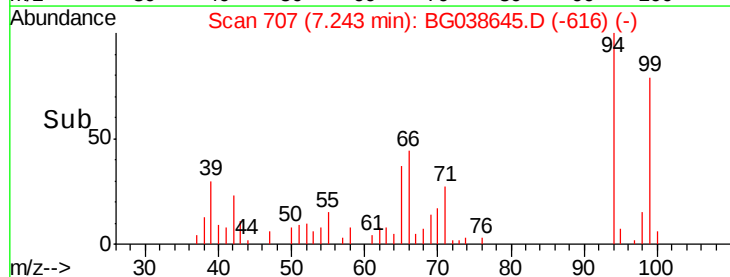
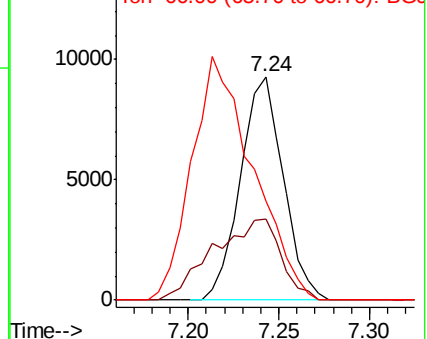
94 100

65 36.6 12.6 52.6

66 44.5 24.1 64.1



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

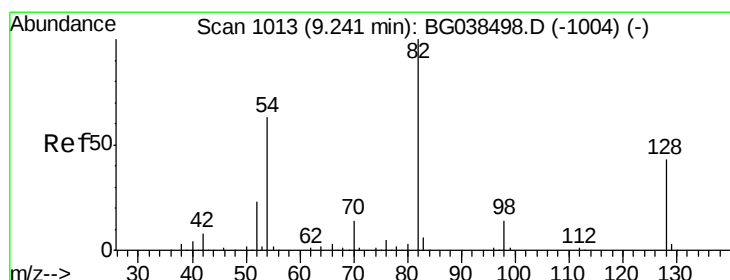
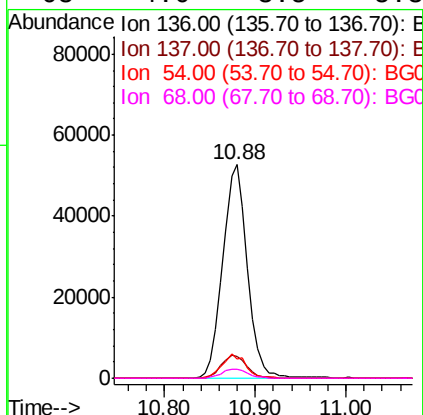
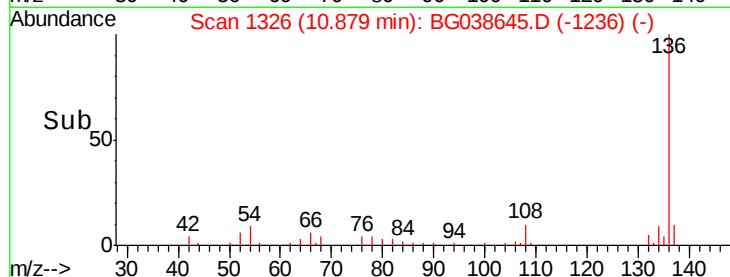
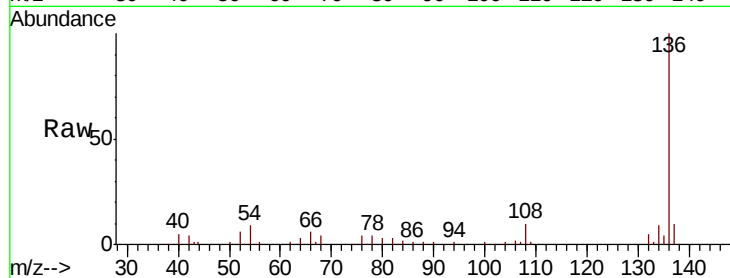




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038645.D
Acq: 16 Dec 2018 18:04

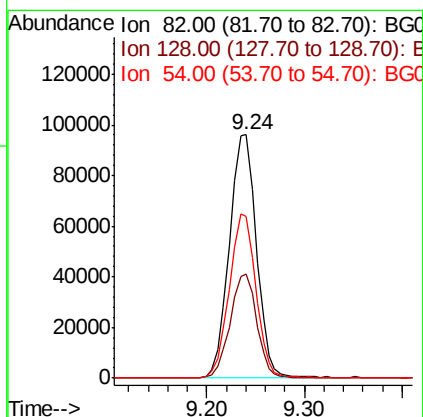
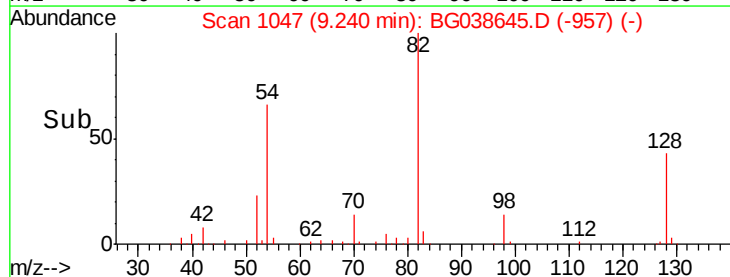
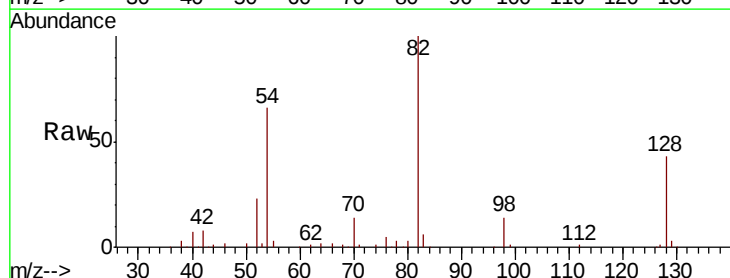
Instrument :
BNA_G
ClientSampleId :
P001-SS017-1218-01

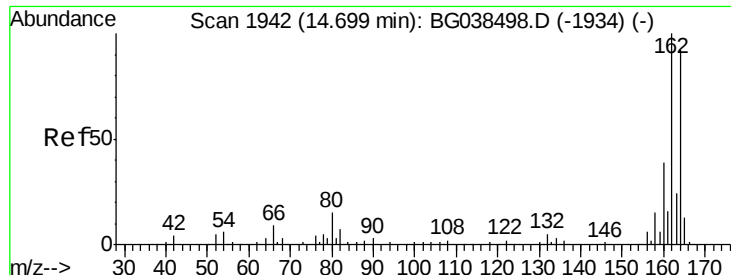
Tot Ion:136	Resp:	99226
Ion Ratio	Lower	Upper
136	100	
137	9.9	9.3 13.9
54	9.2	8.5 12.7
68	4.0	3.5 5.3



#23
Nitrobenzene-d5
Concen: 96.090 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038645.D
Acq: 16 Dec 2018 18:04

Tgt Ion: 82	Resp:	186634
Ion Ratio	Lower	Upper
82	100	
128	42.6	34.6 52.0
54	66.3	50.6 76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038645.D

Acq: 16 Dec 2018 18:04

Instrument :

BNA_G

ClientSampleId :

P001-SS017-1218-01

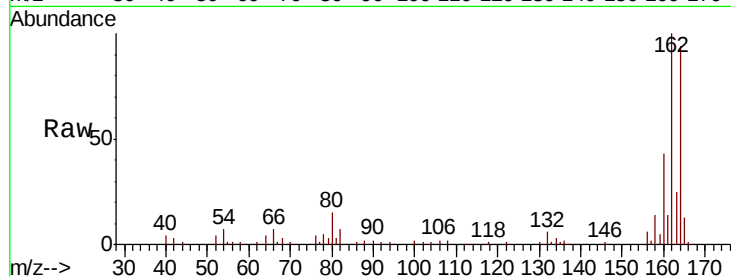
Tot Ion:164 Resp: 64786

Ion Ratio Lower Upper

164 100

162 106.6 86.6 130.0

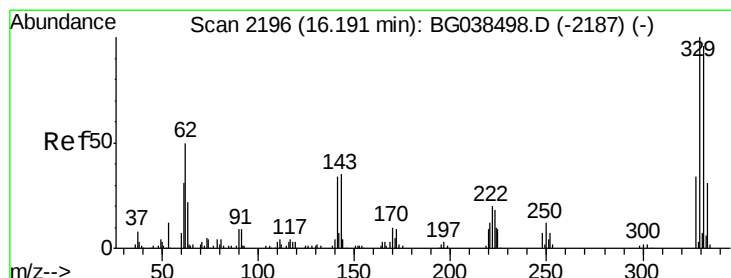
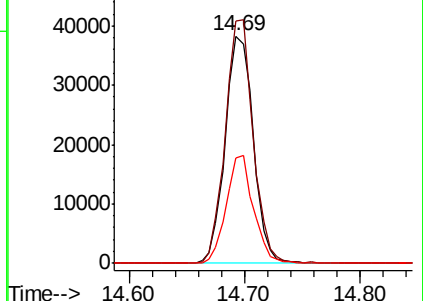
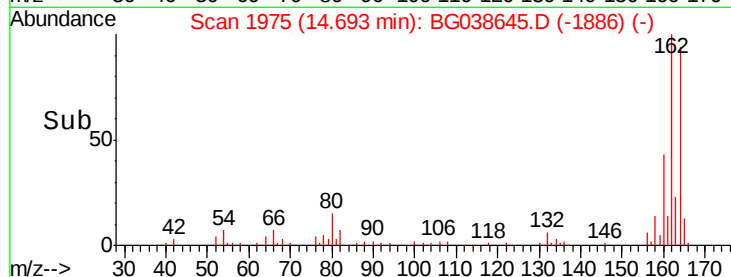
160 46.3 34.2 51.2



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: 138.260 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038645.D

Acq: 16 Dec 2018 18:04

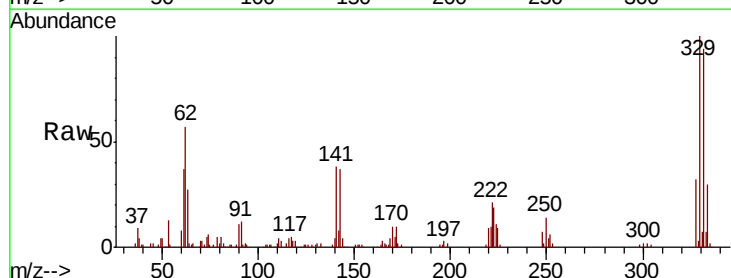
Tgt Ion:330 Resp: 123448

Ion Ratio Lower Upper

330 100

332 95.5 76.9 115.3

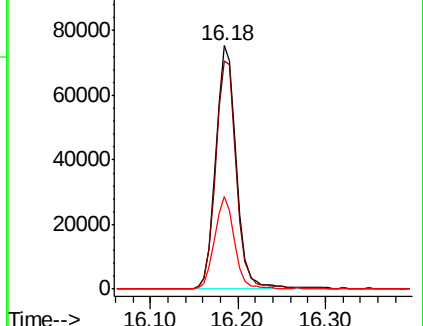
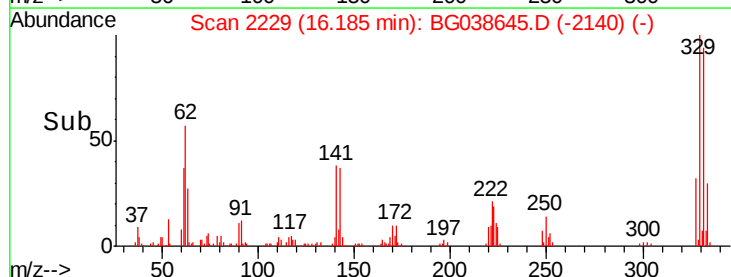
141 36.6 28.8 43.2



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

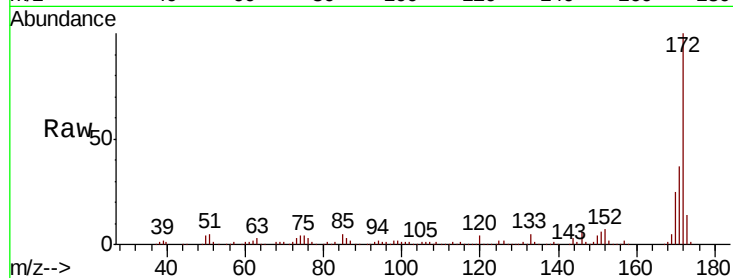




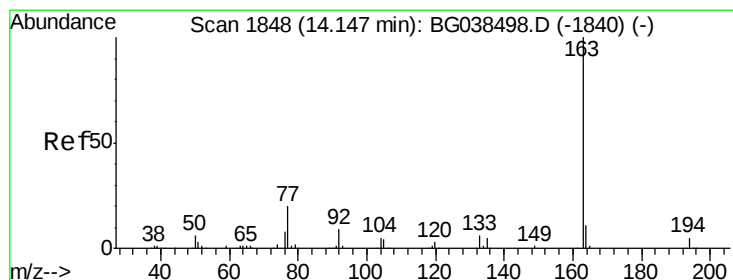
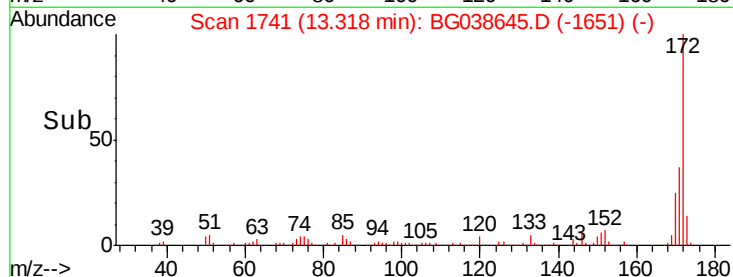
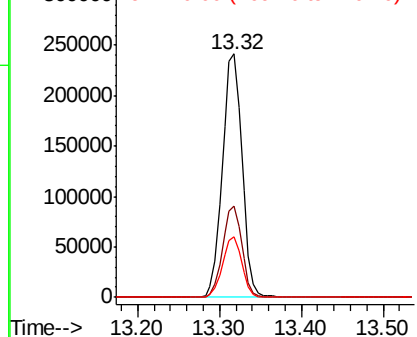
#45
2-Fluorobiphenyl
Concen: 85.791 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038645.D
Acq: 16 Dec 2018 18:04

Instrument :
BNA_G
ClientSampleId :
P001-SS017-1218-01

Tot Ion:172 Resp: 405151
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.6 19.5 29.3

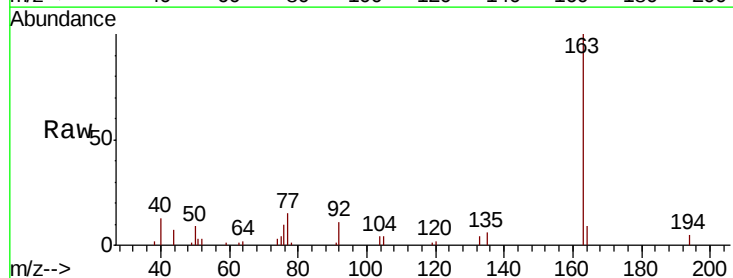


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

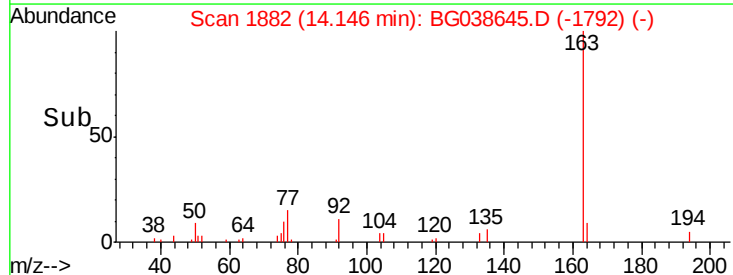
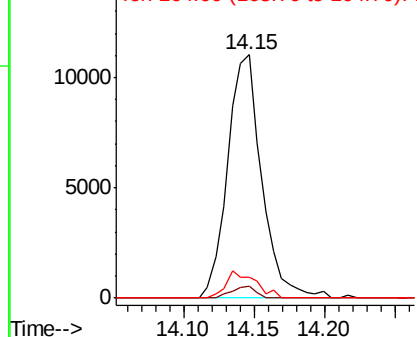


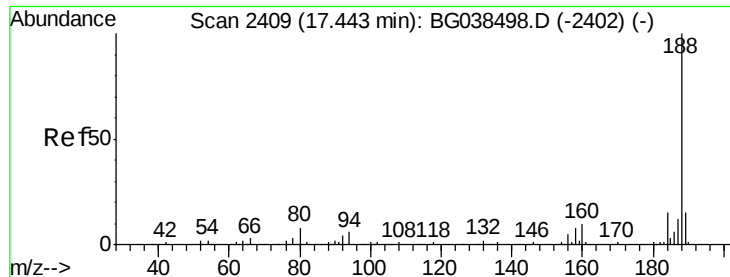
#50
Dimethylphthalate
Concen: 3.512 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG038645.D
Acq: 16 Dec 2018 18:04

Tgt Ion:163 Resp: 18581
Ion Ratio Lower Upper
163 100
194 4.8 3.7 5.5
164 8.8 8.6 12.8



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

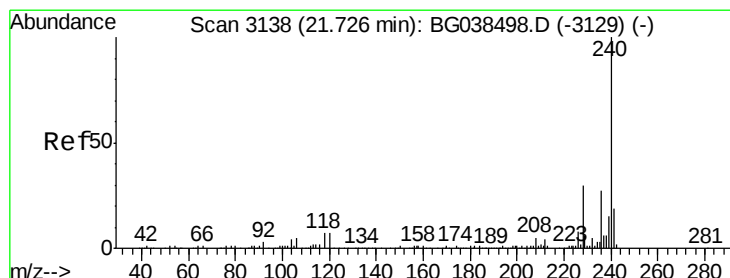
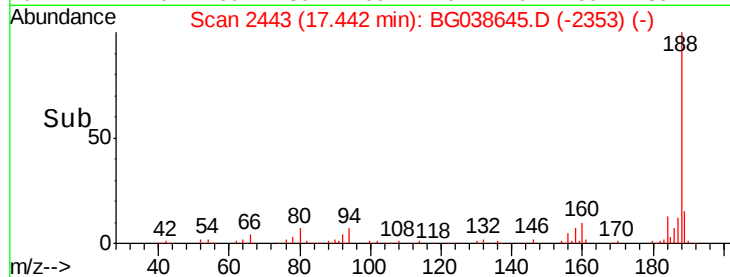
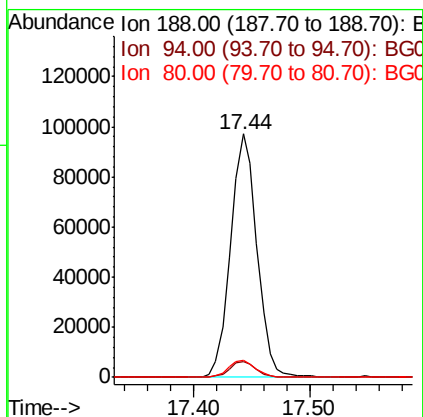
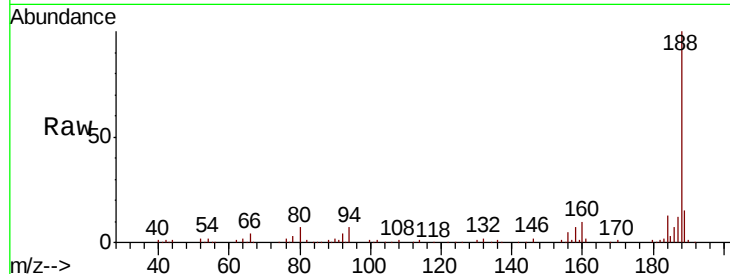




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038645.D
Acq: 16 Dec 2018 18:04

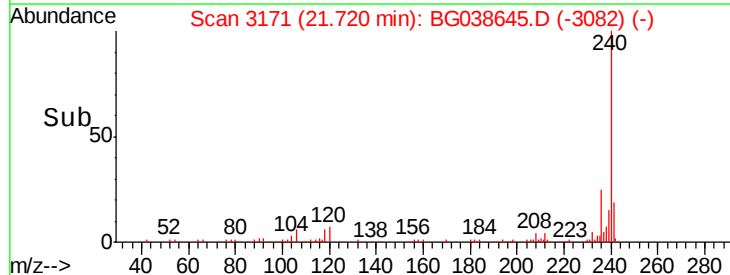
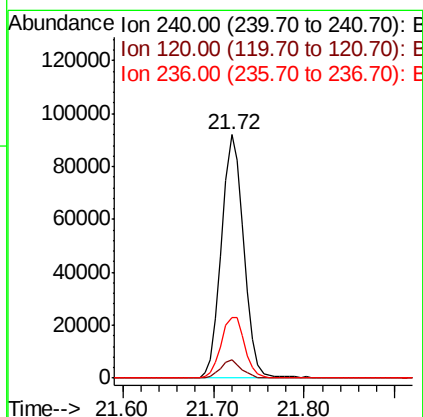
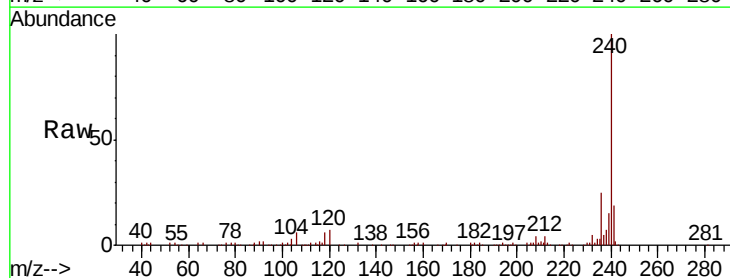
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BNA_G
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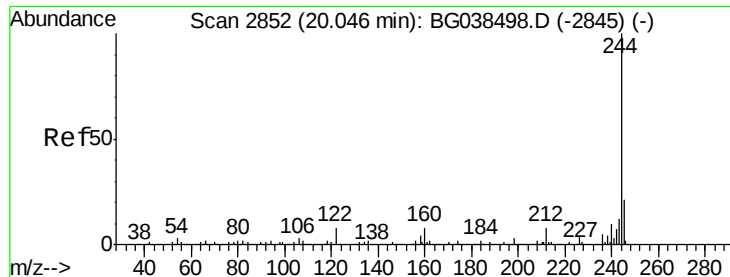
Tot Ion:188 Resp: 153379
Ion Ratio Lower Upper
188 100
94 6.7 5.1 7.7
80 6.8 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038645.D
Acq: 16 Dec 2018 18:04

Tgt Ion:240 Resp: 156851
Ion Ratio Lower Upper
240 100
120 7.5 5.3 7.9
236 25.1 21.4 32.2





#79

Terphenyl-d14

Concen: 90.014 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038645.D

Acq: 16 Dec 2018 18:04

Instrument :

BNA_G

ClientSampleId :

P001-SS017-1218-01

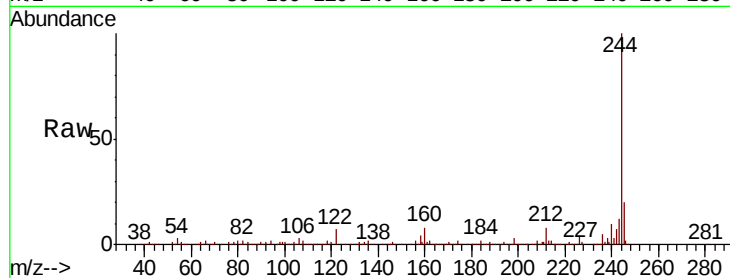
Tot Ion:244 Resp: 648744

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

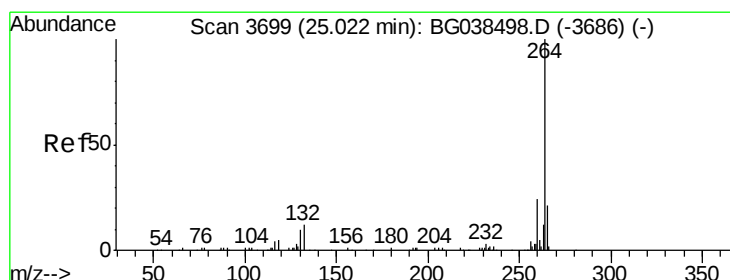
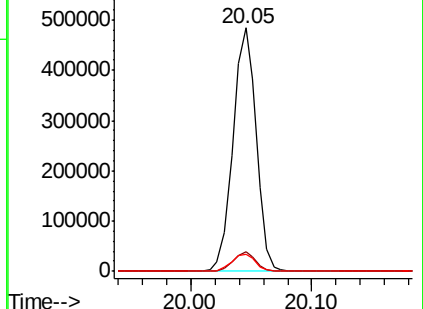
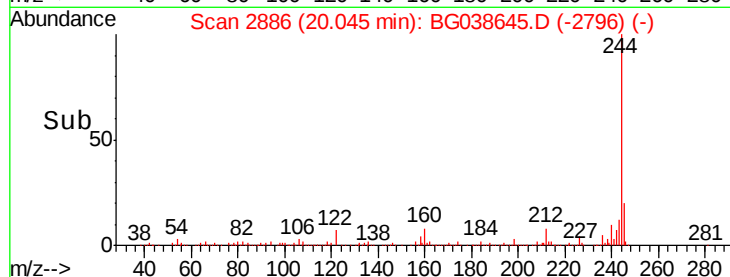
122 7.0 6.3 9.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038645.D

Acq: 16 Dec 2018 18:04

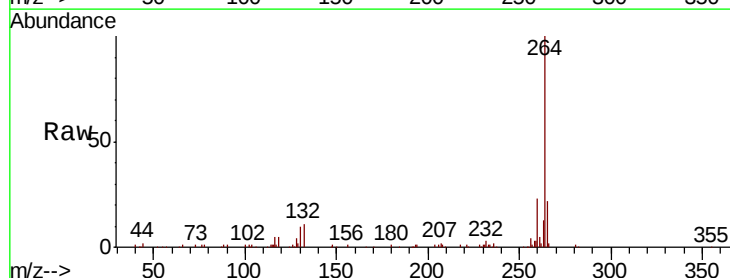
Tgt Ion:264 Resp: 166032

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.9 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

