

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039001.D
 Acq On : 8 Jan 2019 19:52
 Operator : JU/SJ
 Sample : K1074-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W12-7

Quant Time: Jan 09 03:18:58 2019
 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

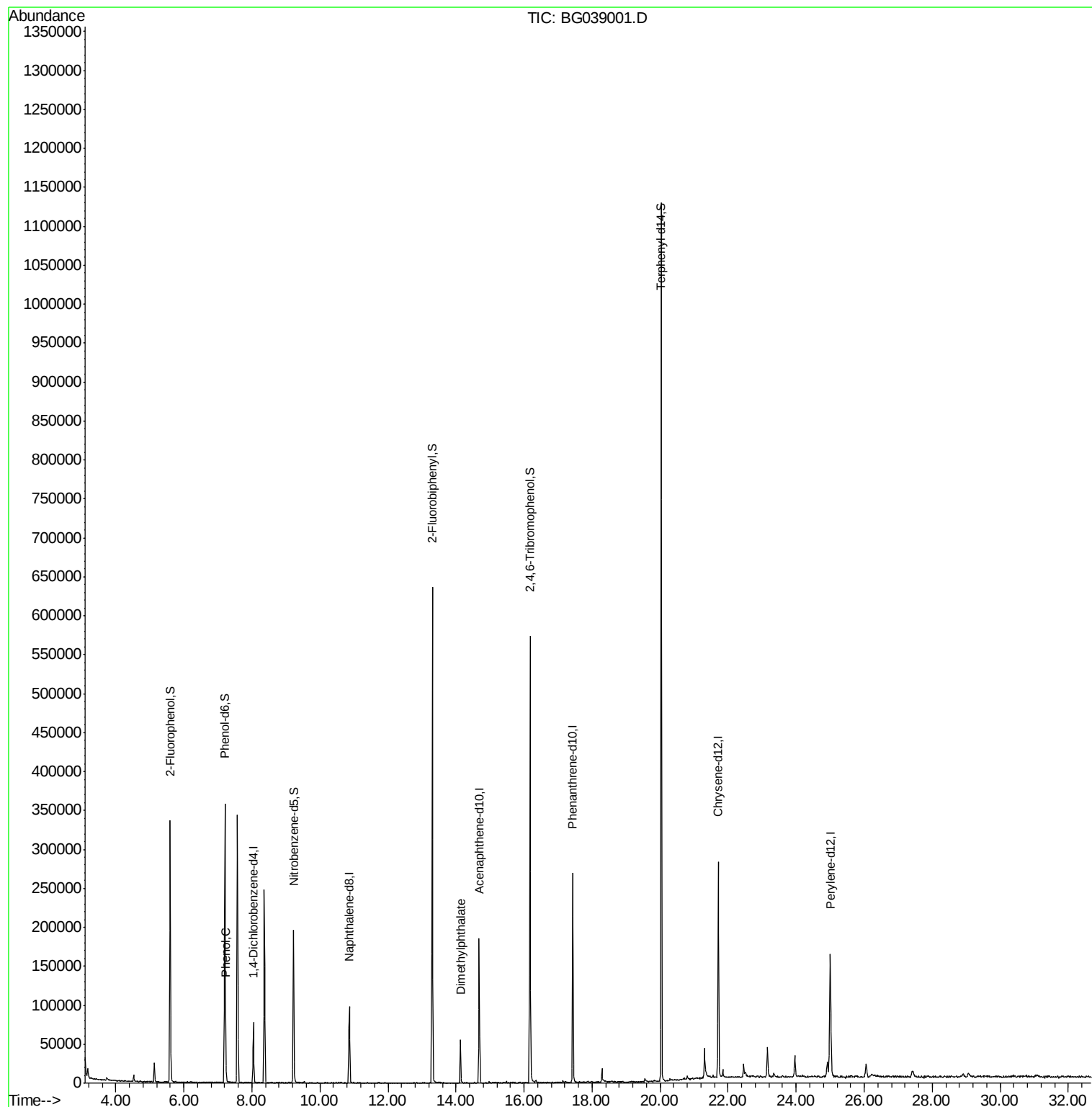
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	22959	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	93470	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	69088	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	177860	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	184894	20.00	ng	-0.02
87) Perylene-d12	25.01	264	195308	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	150682	116.41	ng	0.00
7) Phenol-d6	7.20	99	212523	119.59	ng	0.00
23) Nitrobenzene-d5	9.22	82	125423	68.55	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	126627	132.99	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	353211	70.14	ng	-0.02
79) Terphenyl-d14	20.04	244	603647	71.05	ng	0.00
Target Compounds						
10) Phenol	7.23	94	8301	4.397	ng	86
50) Dimethylphthalate	14.13	163	42733	7.574	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# 843

Delta R.T. -0.02 min

Lab File: BG039001.D

Acq: 8 Jan 2019 19:52

Instrument :

BNA_G

ClientSampled :

W12-7

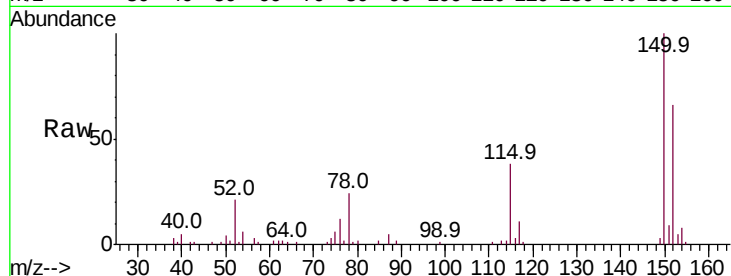
Tot Ion:152 Resp: 22959

Ion Ratio Lower Upper

152 100

150 152.1 119.5 179.3

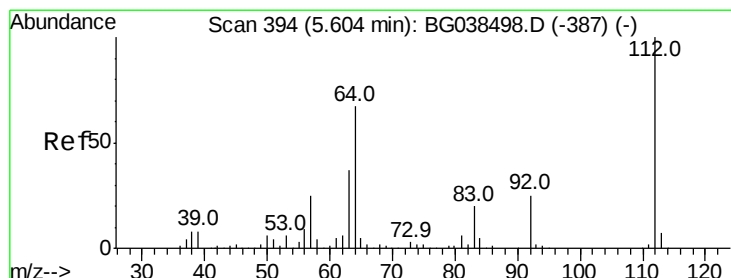
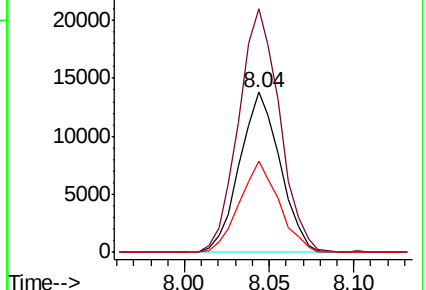
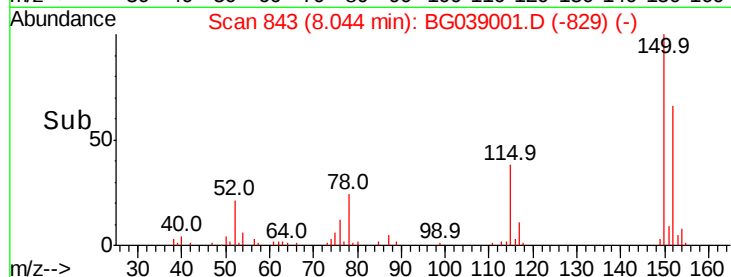
115 57.3 49.6 74.4



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: 116.406 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG039001.D

Acq: 8 Jan 2019 19:52

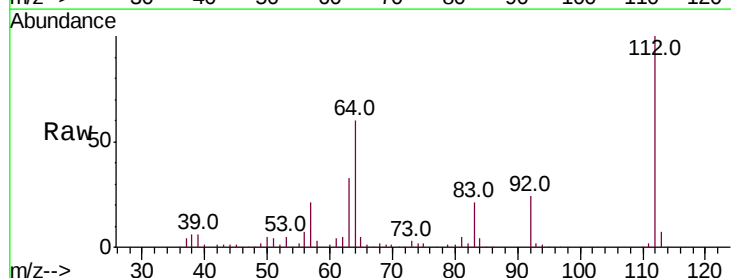
Tgt Ion:112 Resp: 150682

Ion Ratio Lower Upper

112 100

64 59.7 53.4 80.2

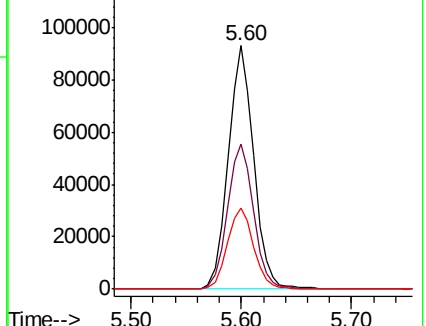
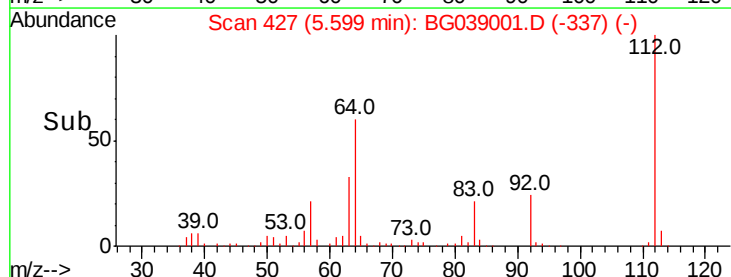
63 33.2 29.3 43.9

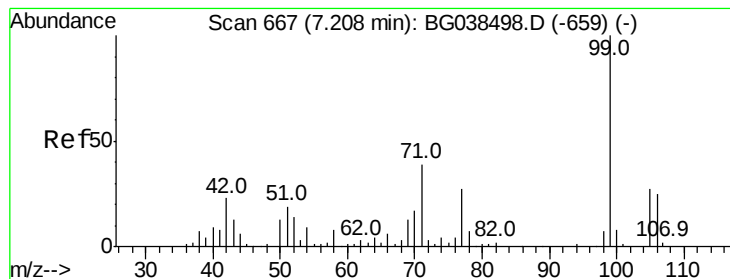


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.595 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG039001.D

Acq: 8 Jan 2019 19:52

Instrument :

BNA_G

ClientSampleId :

W12-7

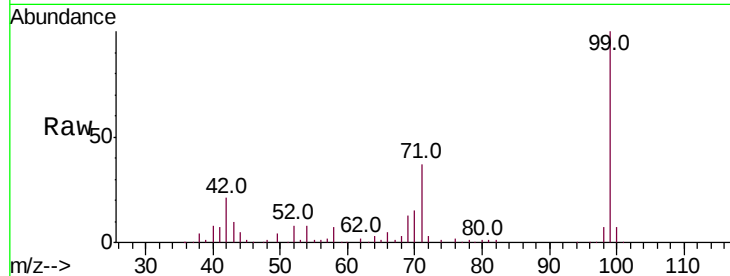
Tot Ion: 99 Resp: 212523

Ion Ratio Lower Upper

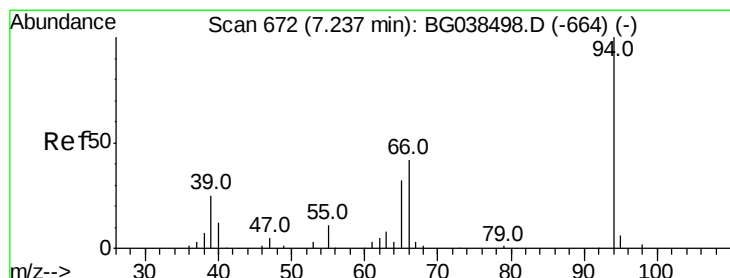
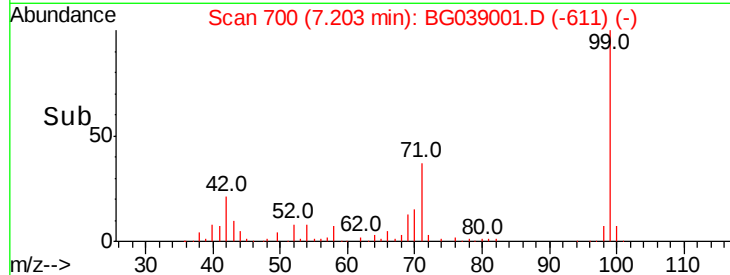
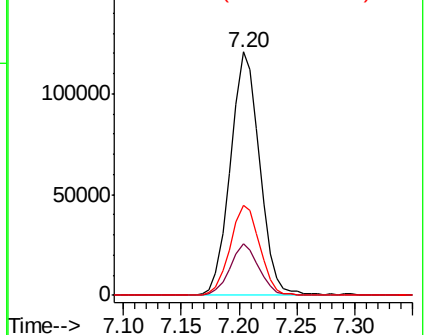
99 100

42 21.1 18.5 27.7

71 37.0 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: 4.397 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG039001.D

Acq: 8 Jan 2019 19:52

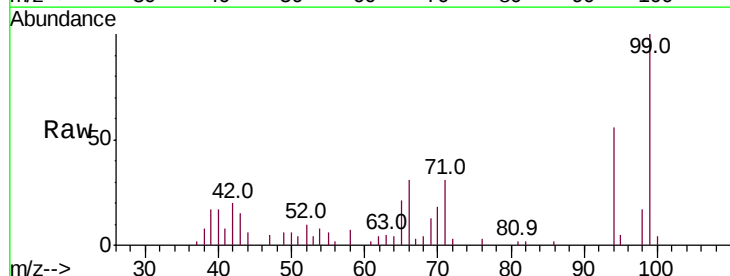
Tgt Ion: 94 Resp: 8301

Ion Ratio Lower Upper

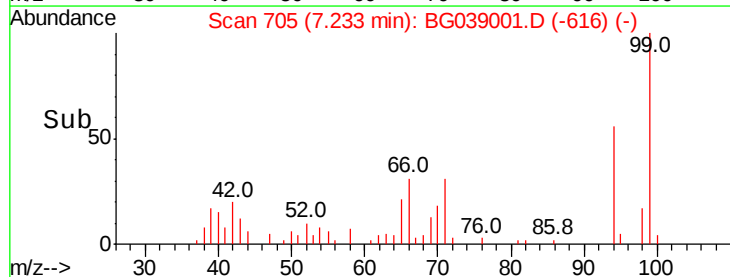
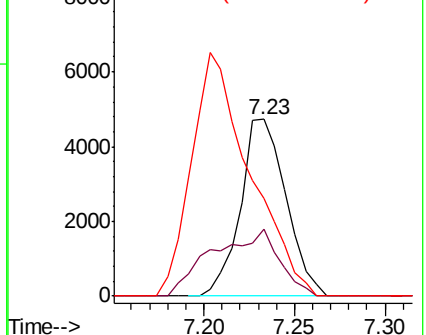
94 100

65 38.1 12.6 52.6

66 55.2 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

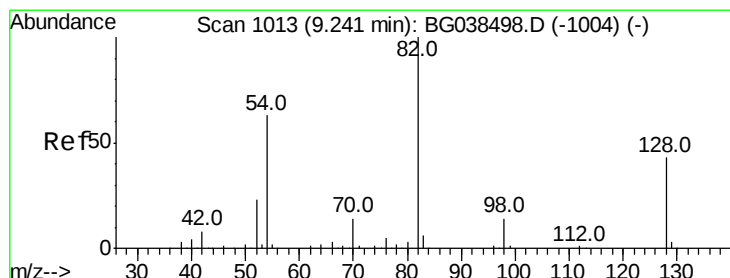
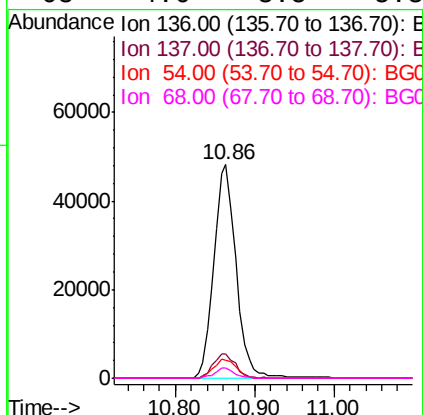
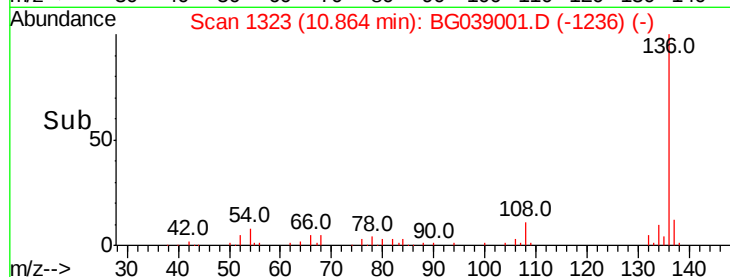
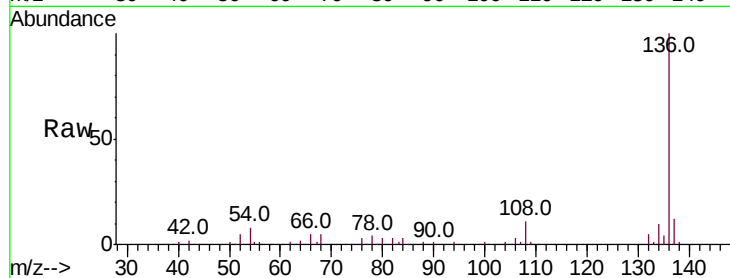




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG039001.D
Acq: 8 Jan 2019 19:52

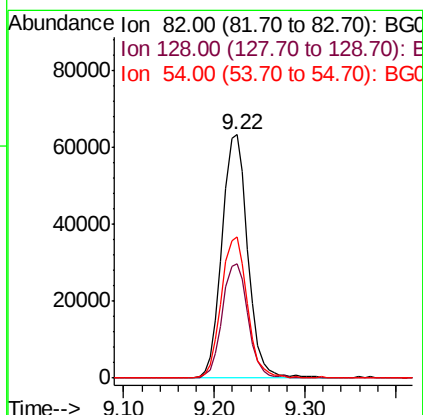
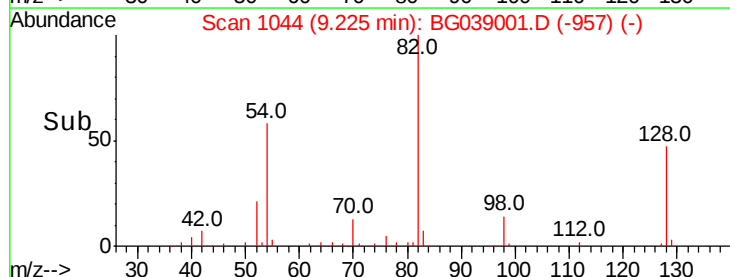
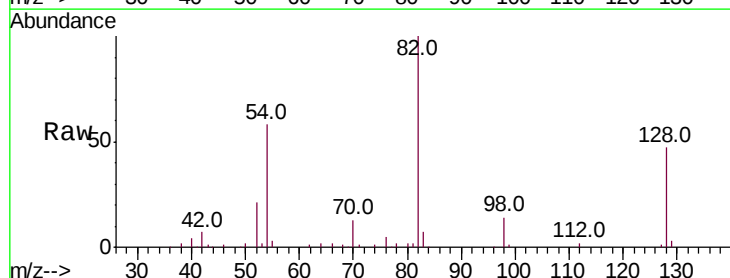
Instrument :
BNA_G
ClientSampleId :
W12-7

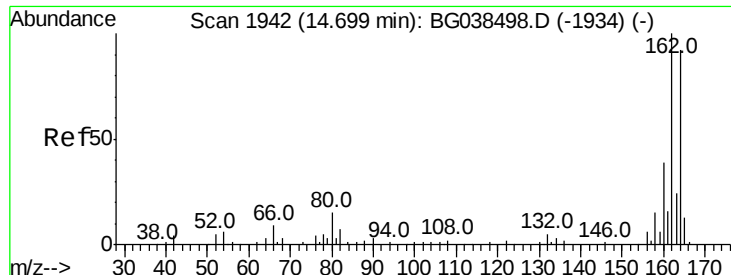
Tot Ion:	136	Resp:	93470
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	8.4	8.5	12.7
68	4.6	3.5	5.3



#23
Nitrobenzene-d5
Concen: 68.551 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG039001.D
Acq: 8 Jan 2019 19:52

Tgt Ion:	82	Resp:	125423
Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.6	52.0
54	58.0	50.6	76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG039001.D

Acq: 8 Jan 2019 19:52

Instrument :

BNA_G

ClientSampleId :

W12-7

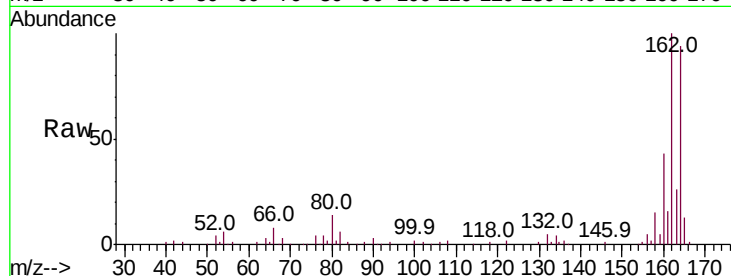
Tot Ion:164 Resp: 69088

Ion Ratio Lower Upper

164 100

162 106.8 86.6 130.0

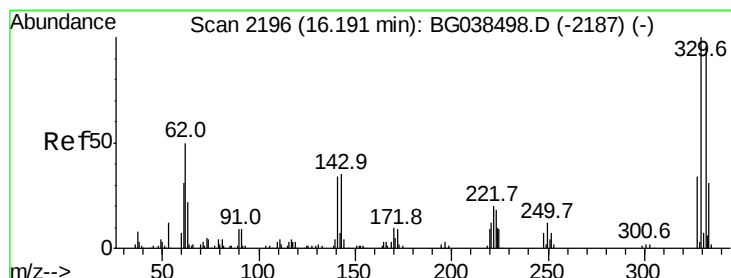
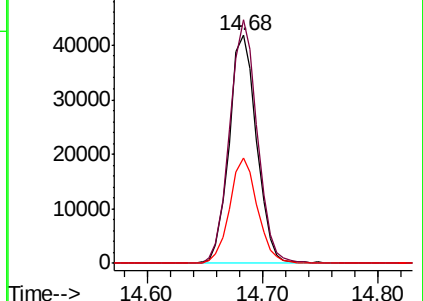
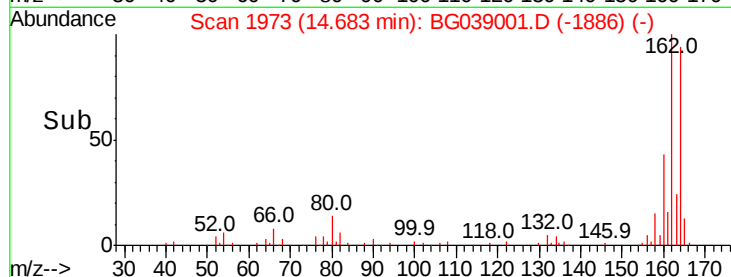
160 46.3 34.2 51.2



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: 132.990 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG039001.D

Acq: 8 Jan 2019 19:52

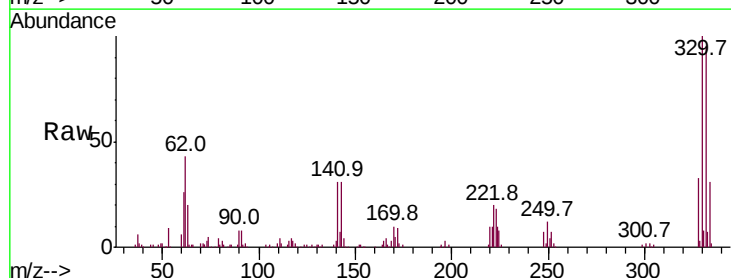
Tgt Ion:330 Resp: 126627

Ion Ratio Lower Upper

330 100

332 94.8 76.9 115.3

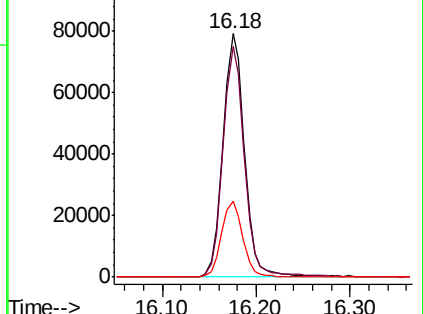
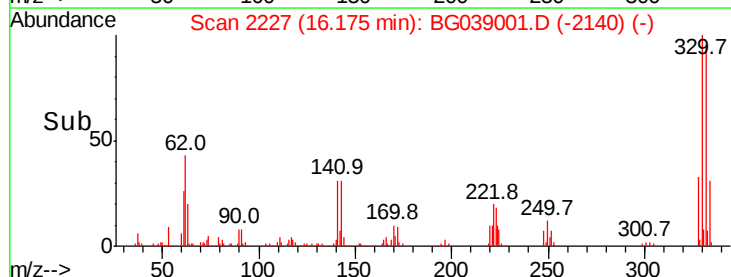
141 30.8 28.8 43.2



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



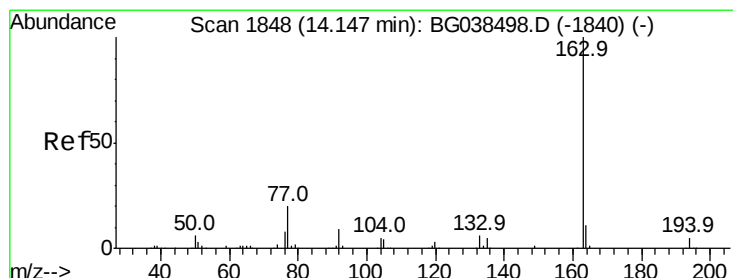
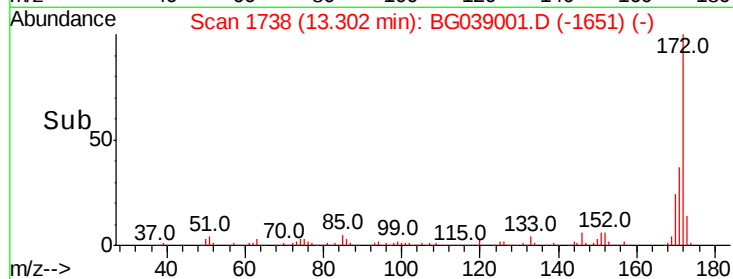
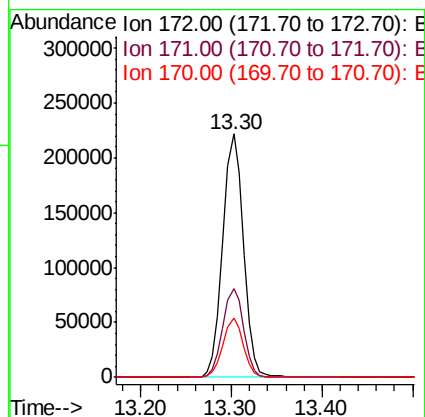
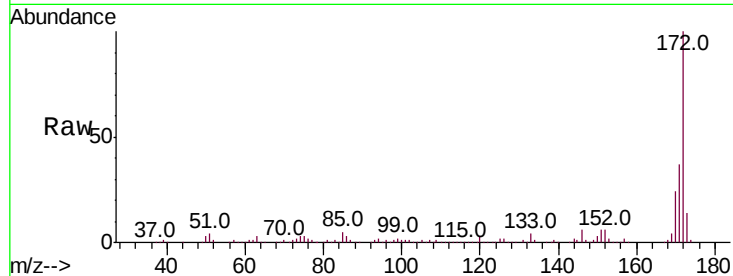


#45
 2-Fluorobiphenyl
 Concen: 70.135 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG039001.D
 Acq: 8 Jan 2019 19:52

Instrument :
 BNA_G
 ClientSampleId :
 W12-7

Tot Ion:172 Resp: 353211

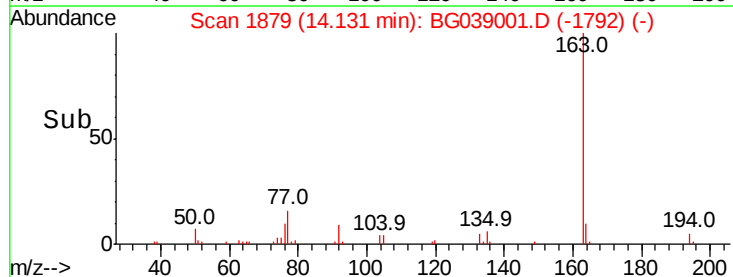
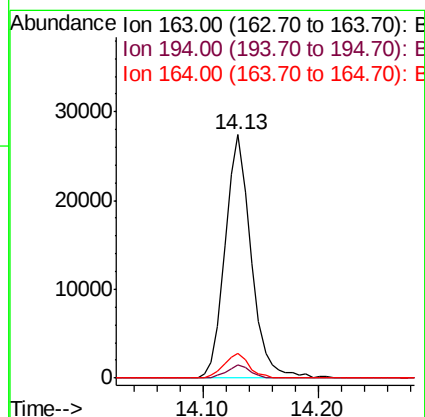
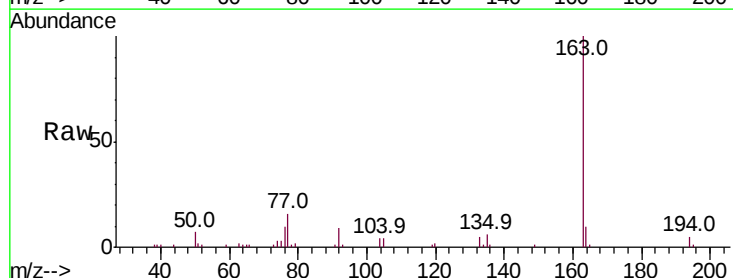
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.3	19.5	29.3

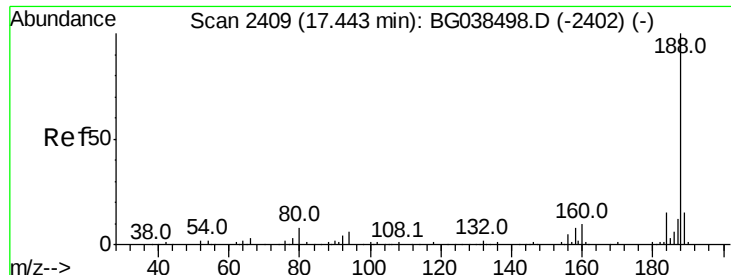


#50
 Dimethylphthalate
 Concen: 7.574 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.02 min
 Lab File: BG039001.D
 Acq: 8 Jan 2019 19:52

Tgt Ion:163 Resp: 42733

Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.7	5.5
164	10.4	8.6	12.8

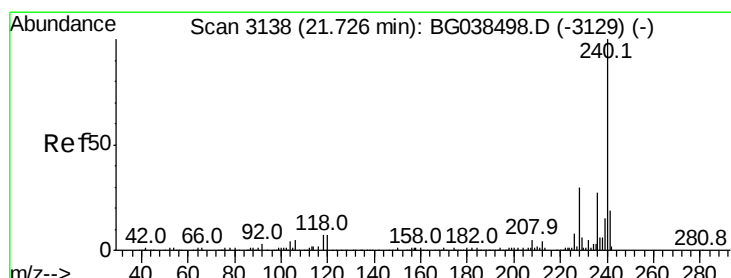
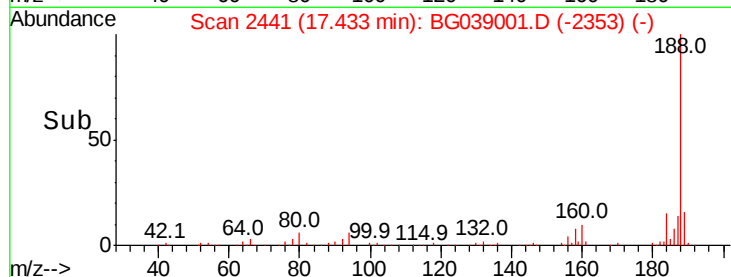
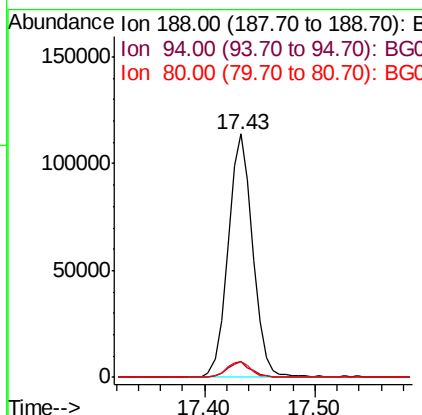
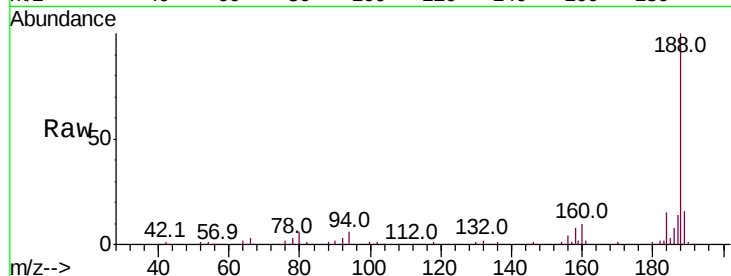




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG039001.D
Acq: 8 Jan 2019 19:52

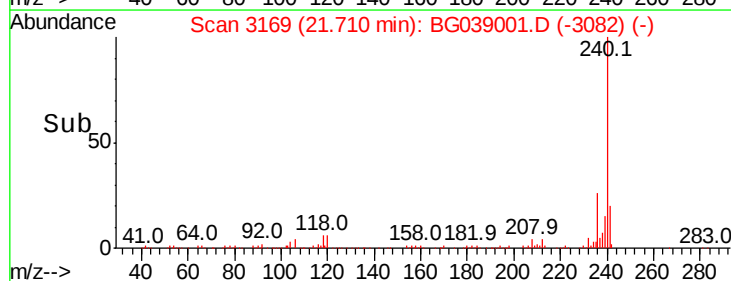
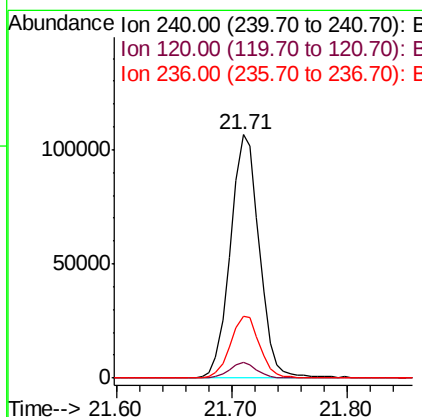
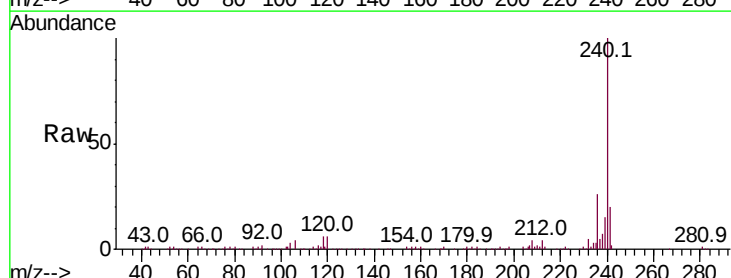
Instrument :
BNA_G
ClientSampleId :
W12-7

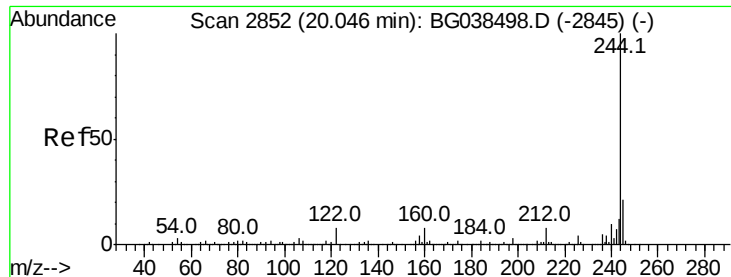
Tot Ion:188 Resp: 177860
Ion Ratio Lower Upper
188 100
94 6.4 5.1 7.7
80 6.5 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG039001.D
Acq: 8 Jan 2019 19:52

Tgt Ion:240 Resp: 184894
Ion Ratio Lower Upper
240 100
120 6.3 5.3 7.9
236 25.5 21.4 32.2





#79

Terphenyl-d14

Concen: 71.054 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG039001.D

Acq: 8 Jan 2019 19:52

Instrument :

BNA_G

ClientSampleId :

W12-7

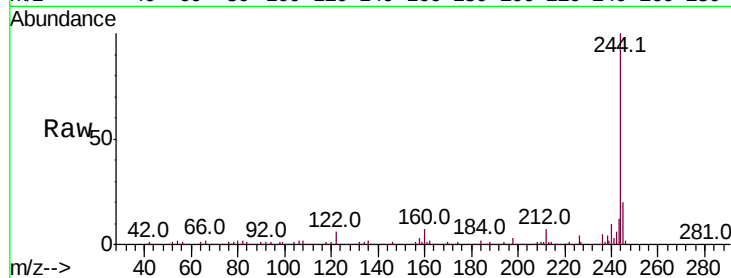
Tot Ion:244 Resp: 603647

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

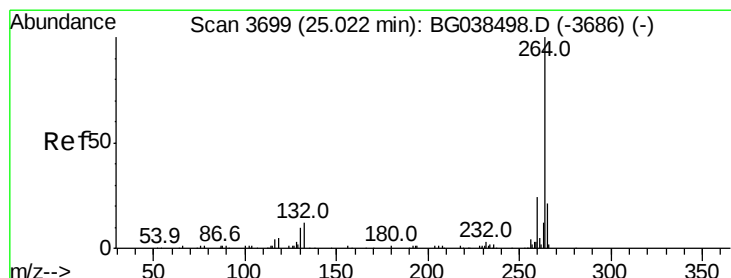
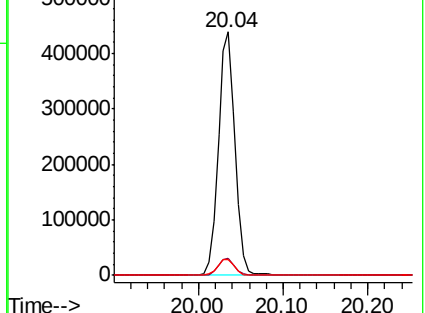
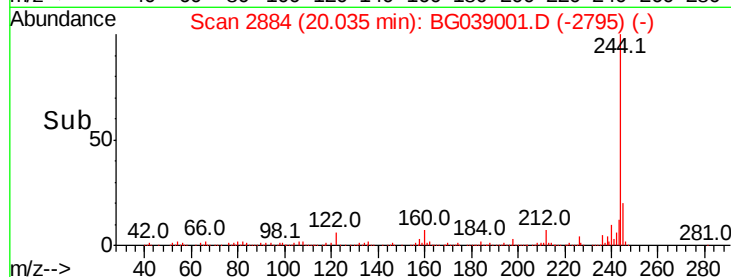
122 6.4 6.3 9.5



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: 25.01 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG039001.D

Acq: 8 Jan 2019 19:52

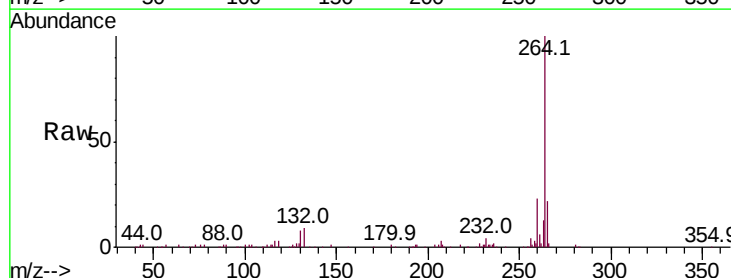
Tgt Ion:264 Resp: 195308

Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 22.0 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

