

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039061.D
 Acq On : 10 Jan 2019 20:38
 Operator : JU/SJ
 Sample : K1099-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-15

Quant Time: Jan 11 05:40:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

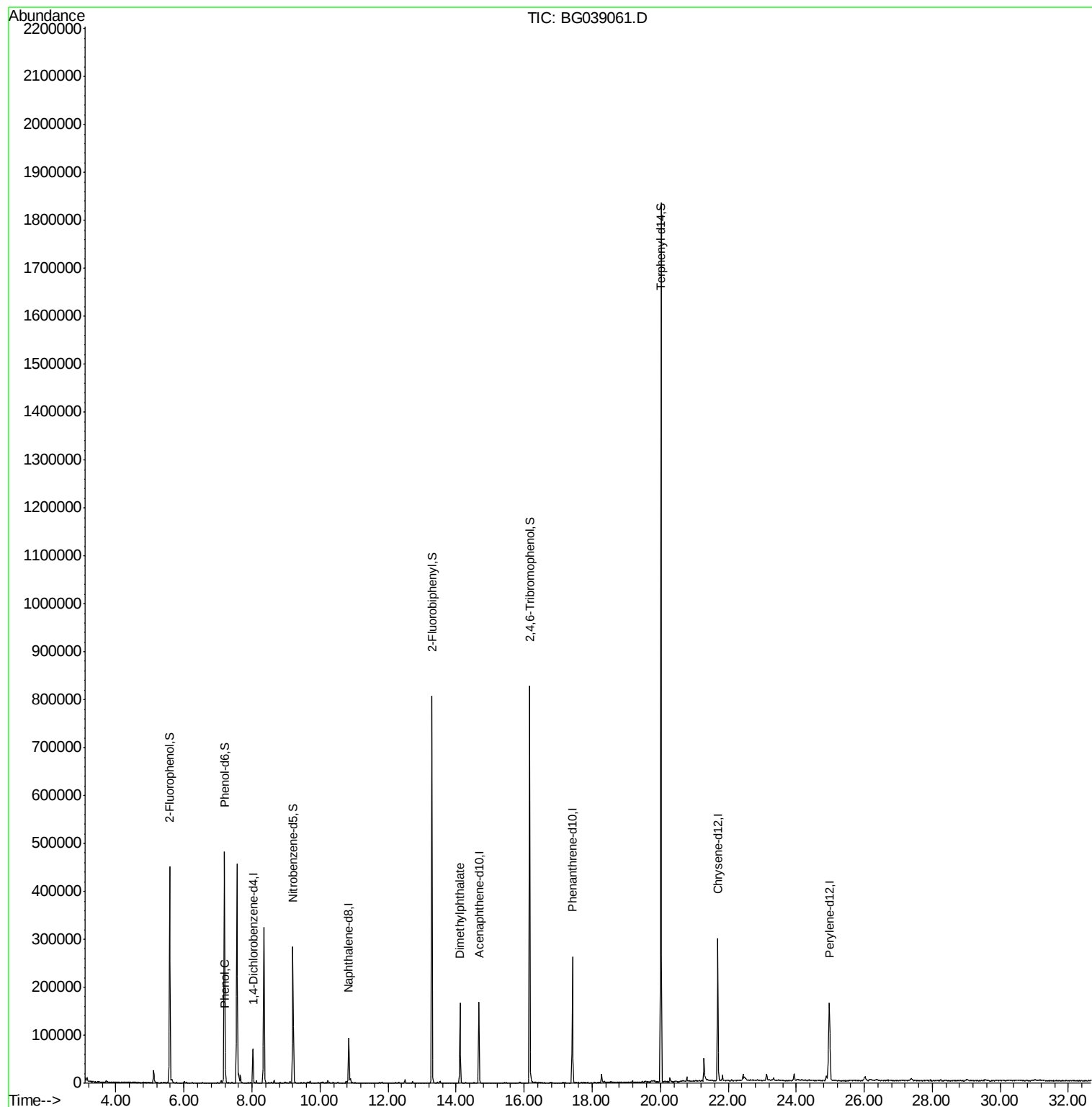
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	21263	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	86104	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	63848	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	172549	20.00	ng	0.00
76) Chrysene-d12	21.70	240	193989	20.00	ng	0.00
87) Perylene-d12	24.97	264	212098	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	198141	176.77	ng	0.00
7) Phenol-d6	7.19	99	281328	174.40	ng	0.00
23) Nitrobenzene-d5	9.20	82	166628	105.89	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	178720	166.99	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	435051	93.25	ng	0.00
79) Terphenyl-d14	20.02	244	945819	90.19	ng	0.00
Target Compounds						
10) Phenol	7.22	94	4158	2.571	ng	92
50) Dimethylphthalate	14.12	163	121691	22.554	ng	98

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

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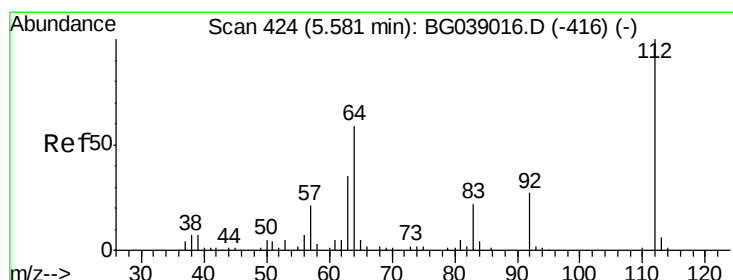
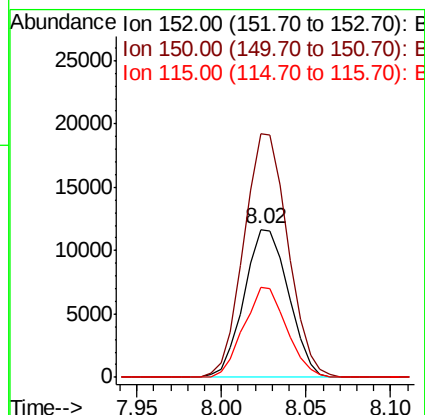
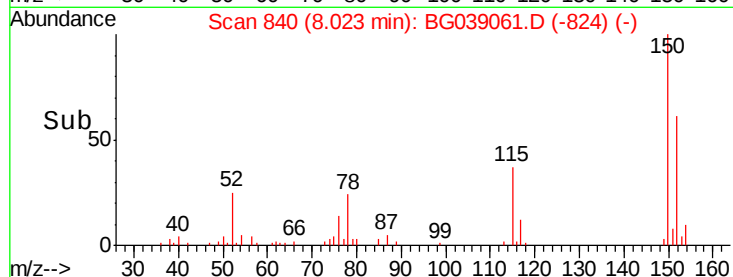
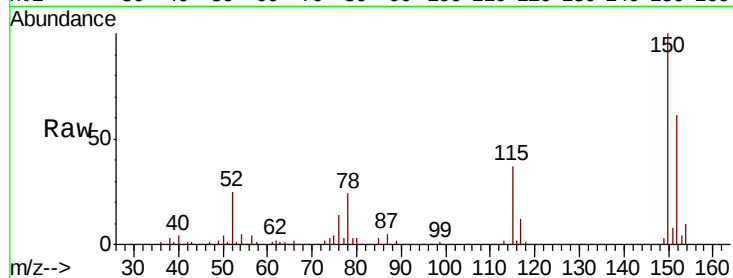


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039061.D
Acq: 10 Jan 2019 20:38

Instrument :
BNA_G
ClientSampled :
TP-15

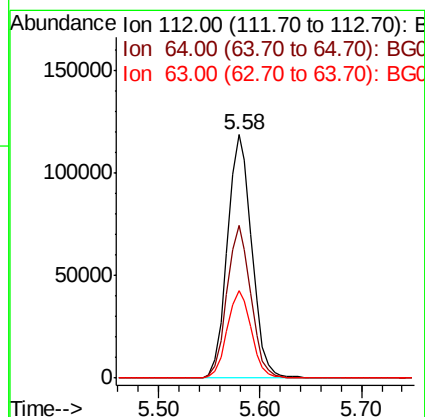
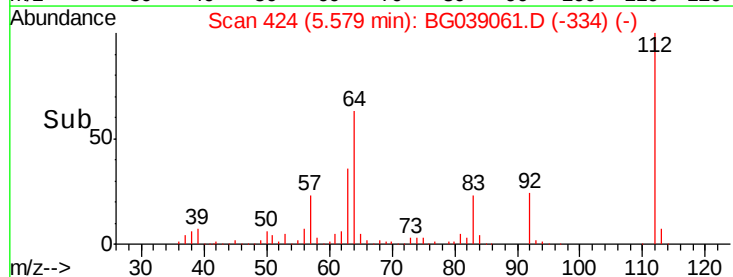
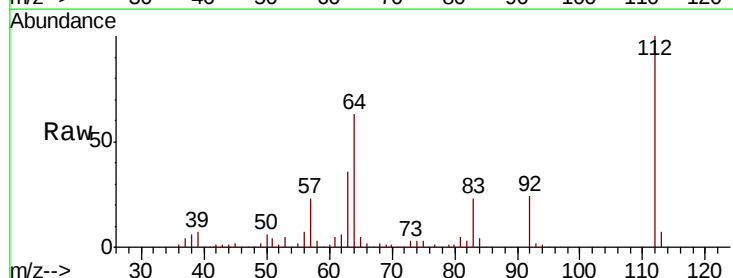
Tot Ion:152 Resp: 21263
Ion Ratio Lower Upper
152 100
150 164.7 124.7 187.1
115 61.2 46.5 69.7

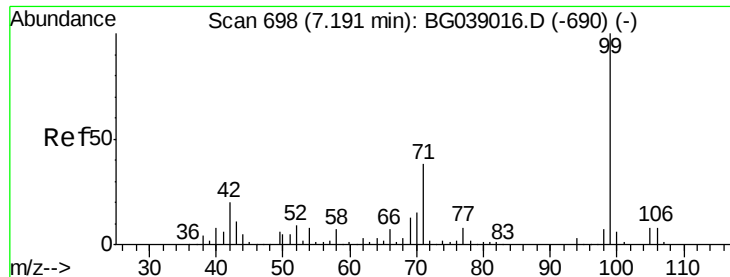


#5

2-Fluorophenol
Concen: 176.772 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039061.D
Acq: 10 Jan 2019 20:38

Tgt Ion:112 Resp: 198141
Ion Ratio Lower Upper
112 100
64 62.6 47.0 70.6
63 36.0 28.0 42.0





#7

Phenol-d6

Concen: 174.402 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039061.D

Acq: 10 Jan 2019 20:38

Instrument :

BNA_G

ClientSampleId :

TP-15

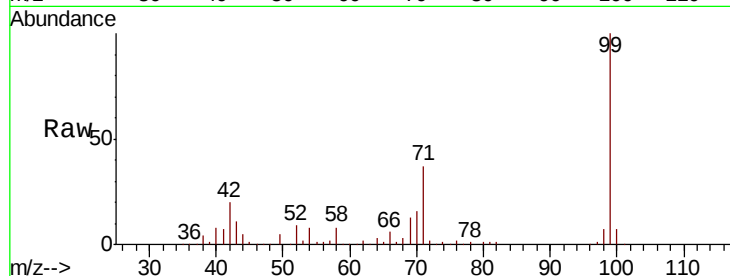
Tot Ion: 99 Resp: 281328

Ion Ratio Lower Upper

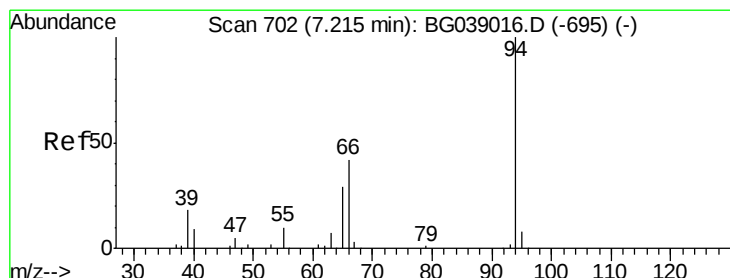
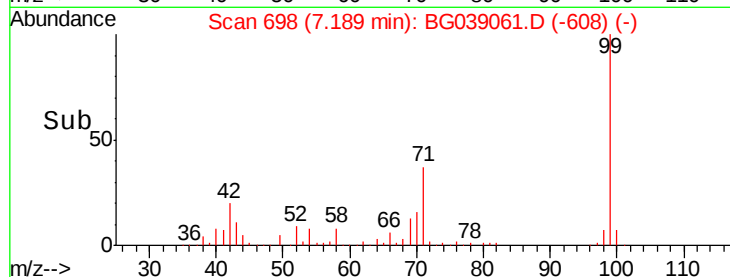
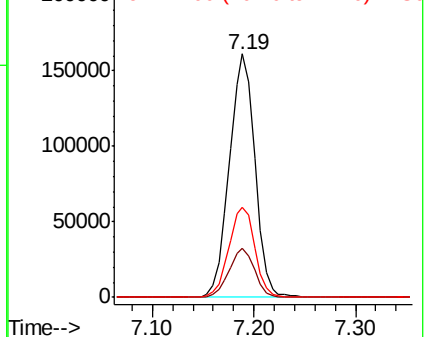
99 100

42 20.3 15.8 23.6

71 36.9 30.2 45.4



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: 2.571 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG039061.D

Acq: 10 Jan 2019 20:38

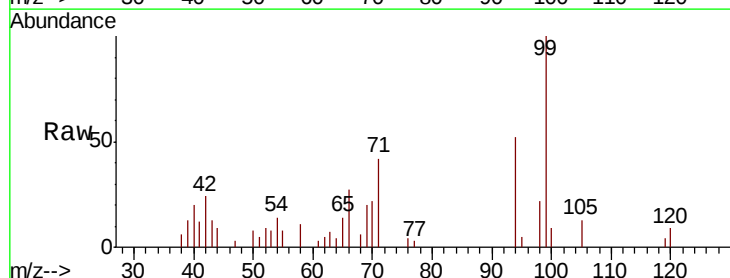
Tgt Ion: 94 Resp: 4158

Ion Ratio Lower Upper

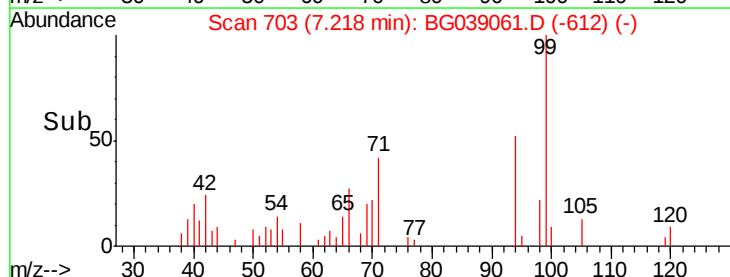
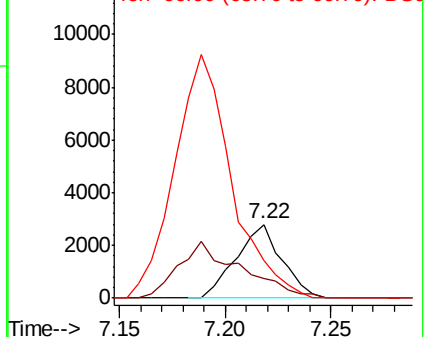
94 100

65 27.2 10.3 50.3

66 51.0 25.1 65.1



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

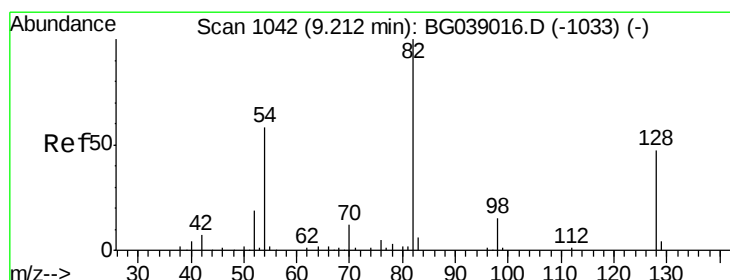
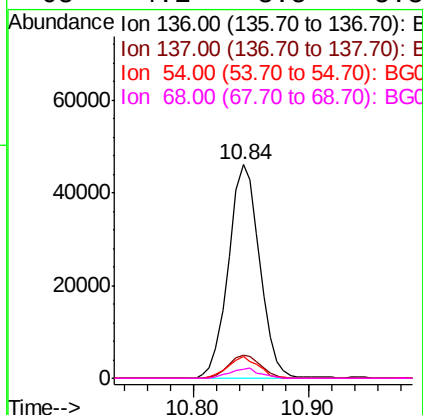
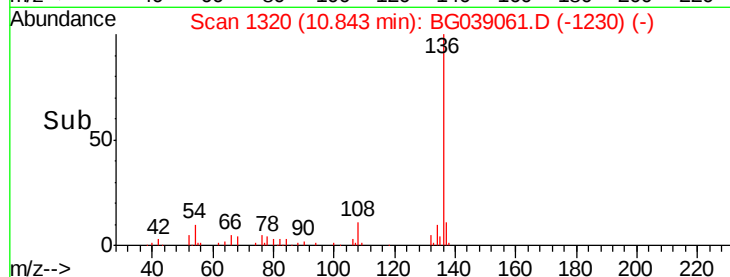
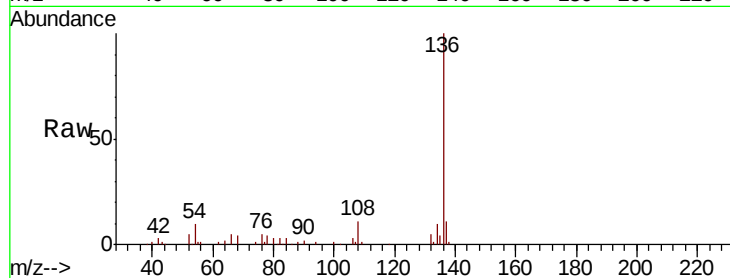




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039061.D
Acq: 10 Jan 2019 20:38

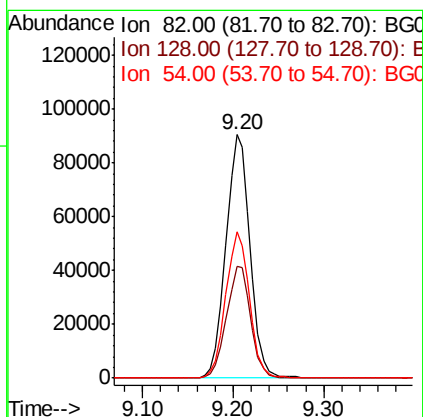
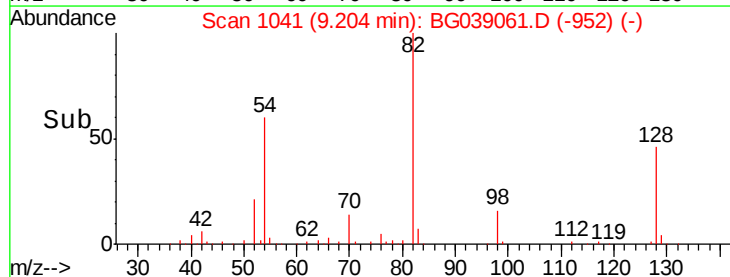
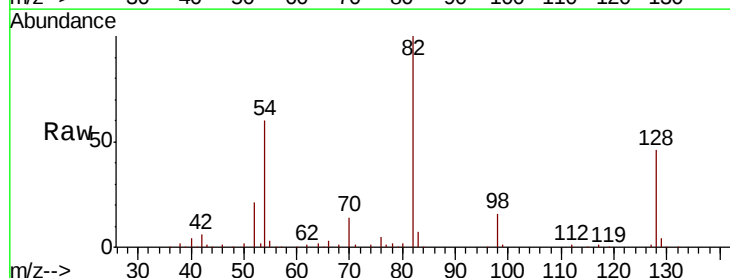
Instrument :
BNA_G
ClientSampleId :
TP-15

Tot Ion:136	Resp:	86104
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.4 14.2
54	9.9	7.2 10.8
68	4.1	3.5 5.3



#23
Nitrobenzene-d5
Concen: 105.893 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039061.D
Acq: 10 Jan 2019 20:38

Tgt Ion: 82	Resp:	166628
Ion	Ratio	Lower Upper
82	100	
128	45.7	37.3 55.9
54	60.3	46.4 69.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039061.D

Acq: 10 Jan 2019 20:38

Instrument :

BNA_G

ClientSampled :

TP-15

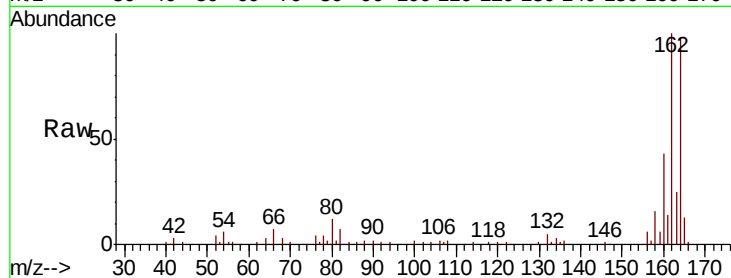
Tot Ion:164 Resp: 63848

Ion Ratio Lower Upper

164 100

162 102.0 87.2 130.8

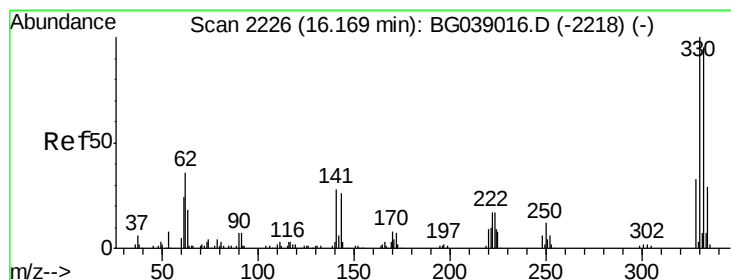
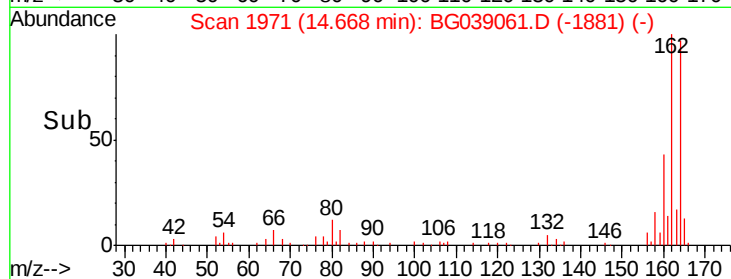
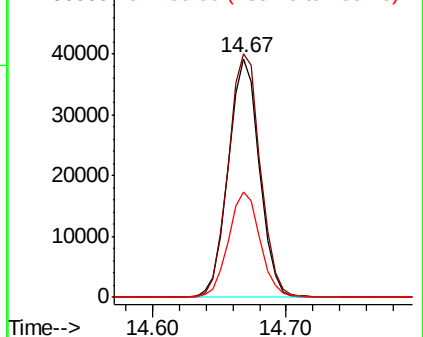
160 44.0 33.3 49.9



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



#42

2,4,6-Tribromophenol

Concen: 166.986 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039061.D

Acq: 10 Jan 2019 20:38

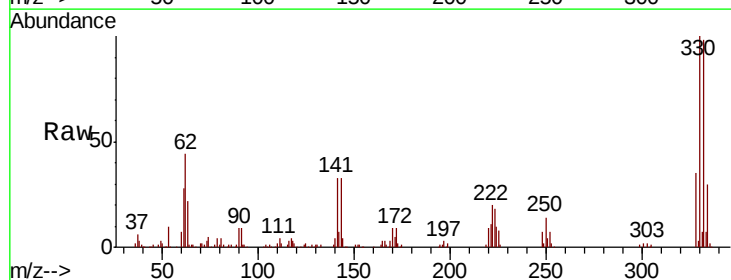
Tgt Ion:330 Resp: 178720

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

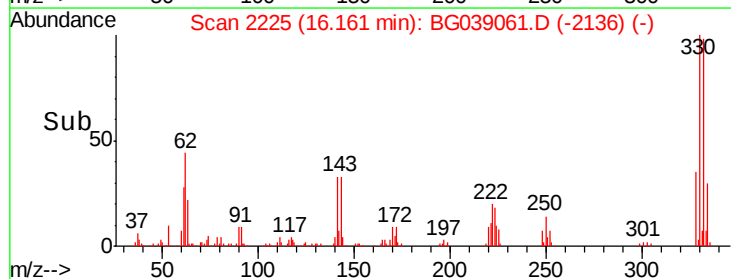
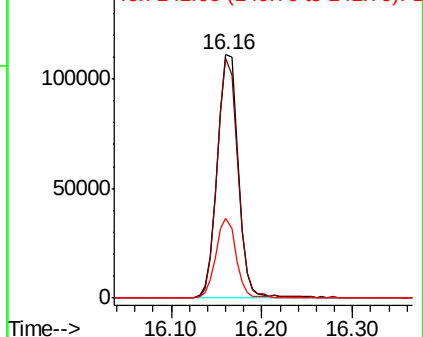
141 31.5 24.9 37.3



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

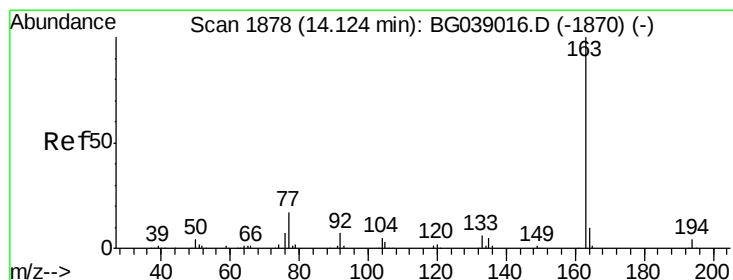
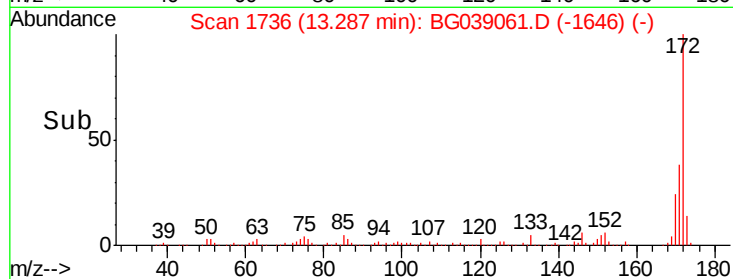
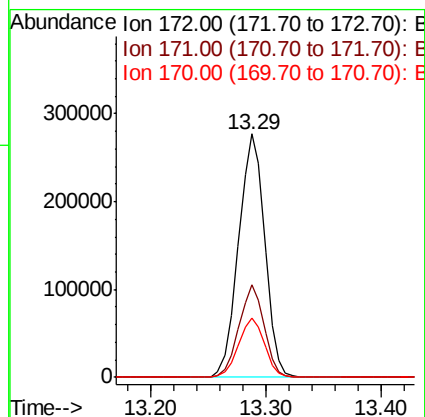
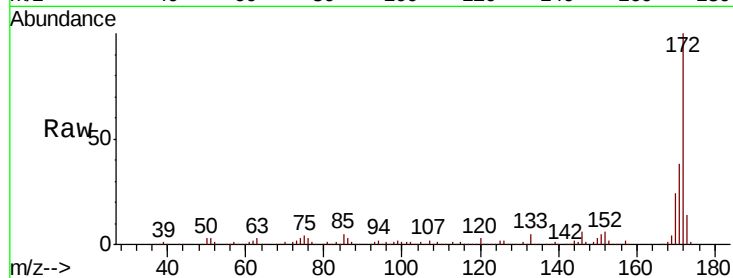




#45
2-Fluorobiphenyl
Concen: 93.252 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039061.D
Acq: 10 Jan 2019 20:38

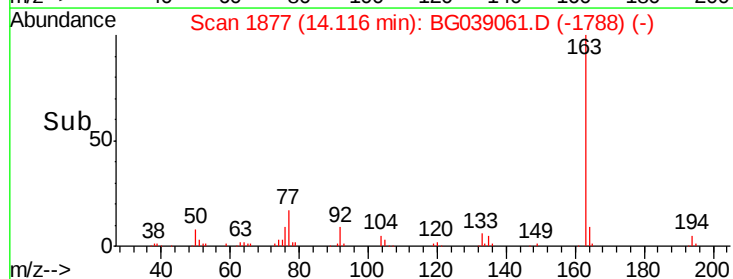
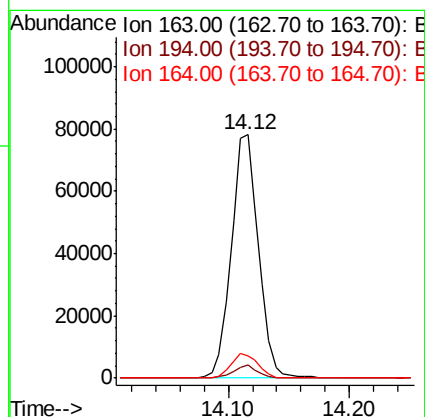
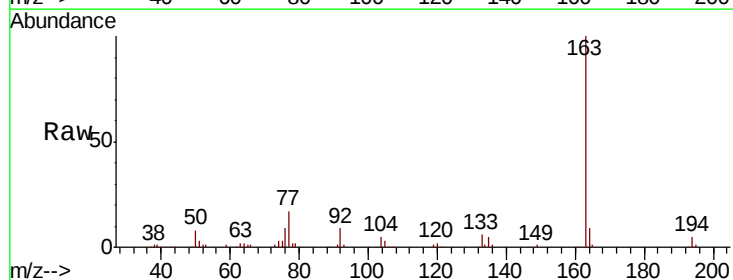
Instrument :
BNA_G
ClientSampleId :
TP-15

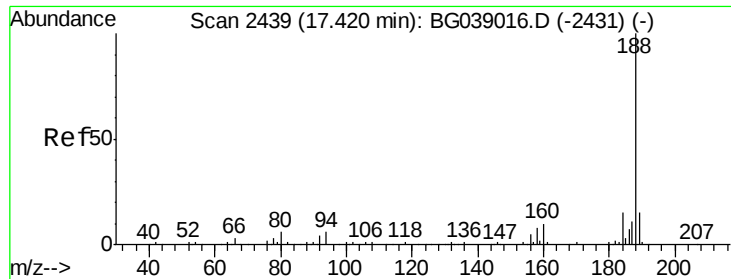
Tot Ion:172 Resp: 435051
Ion Ratio Lower Upper
172 100
171 38.0 29.4 44.0
170 24.1 20.1 30.1



#50
Dimethylphthalate
Concen: 22.554 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG039061.D
Acq: 10 Jan 2019 20:38

Tgt Ion:163 Resp: 121691
Ion Ratio Lower Upper
163 100
194 5.3 3.6 5.4
164 9.3 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039061.D

Acq: 10 Jan 2019 20:38

Instrument :

BNA_G

ClientSampleId :

TP-15

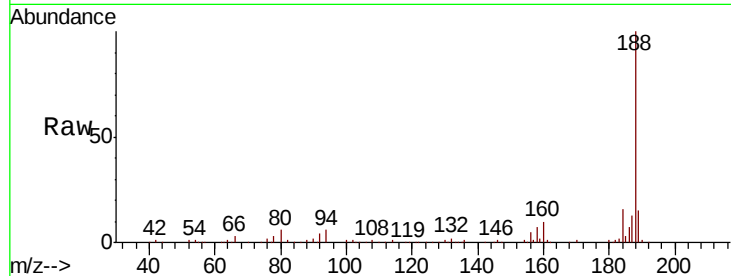
Tot Ion:188 Resp: 172549

Ion Ratio Lower Upper

188 100

94 6.5 5.0 7.4

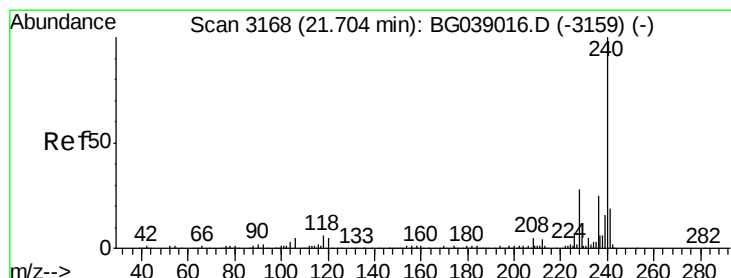
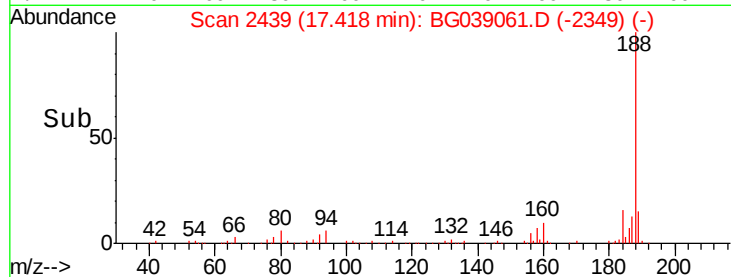
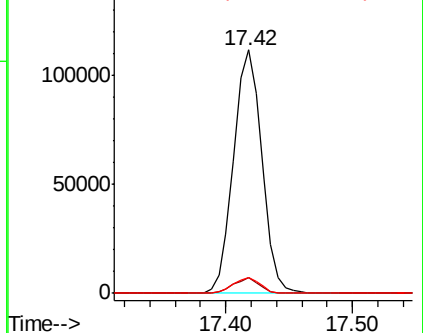
80 6.3 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039061.D

Acq: 10 Jan 2019 20:38

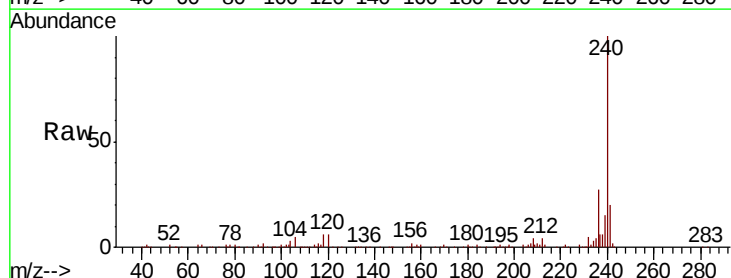
Tgt Ion:240 Resp: 193989

Ion Ratio Lower Upper

240 100

120 5.9 4.3 6.5

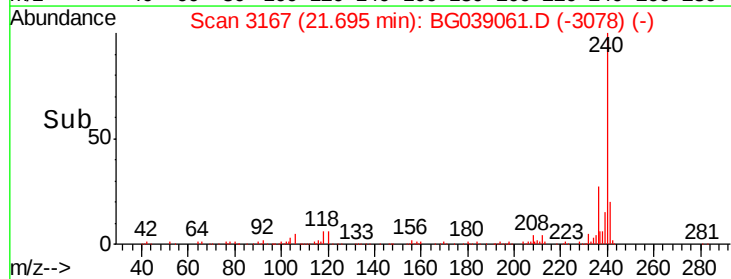
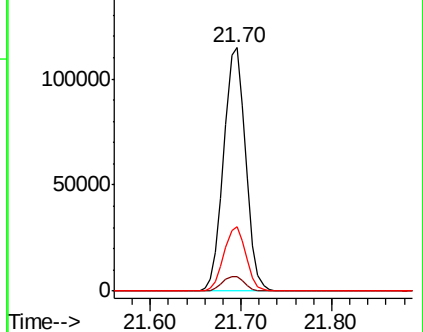
236 26.6 20.1 30.1

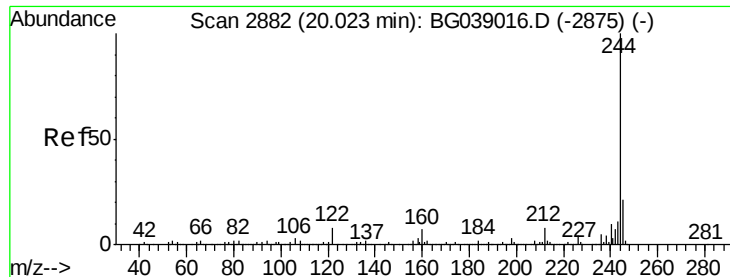


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.194 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039061.D

Acq: 10 Jan 2019 20:38

Instrument :

BNA_G

ClientSampleId :

TP-15

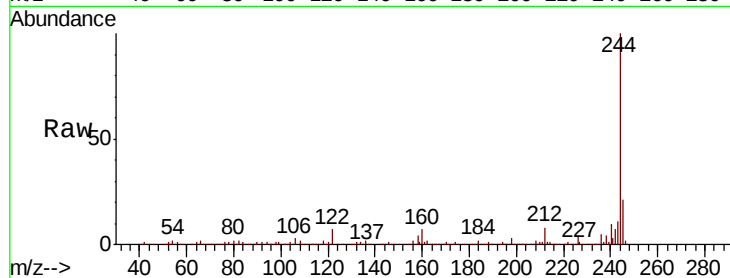
Tot Ion:244 Resp: 945819

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

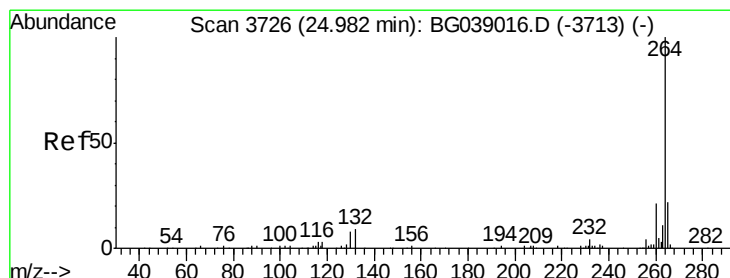
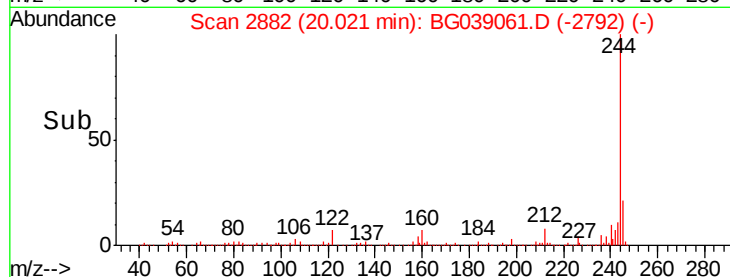
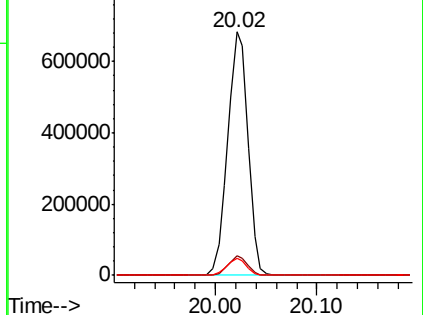
122 7.2 6.1 9.1



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: 24.97 min Scan# 3725

Delta R.T. -0.01 min

Lab File: BG039061.D

Acq: 10 Jan 2019 20:38

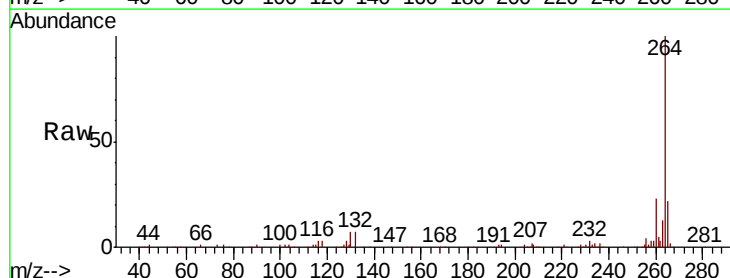
Tgt Ion:264 Resp: 212098

Ion Ratio Lower Upper

264 100

260 22.9 17.0 25.6

265 21.8 17.2 25.8



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

