

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039095.D
 Acq On : 11 Jan 2019 21:24
 Operator : JU/SJ
 Sample : K1099-24
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-21

Quant Time: Jan 12 00:41:52 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

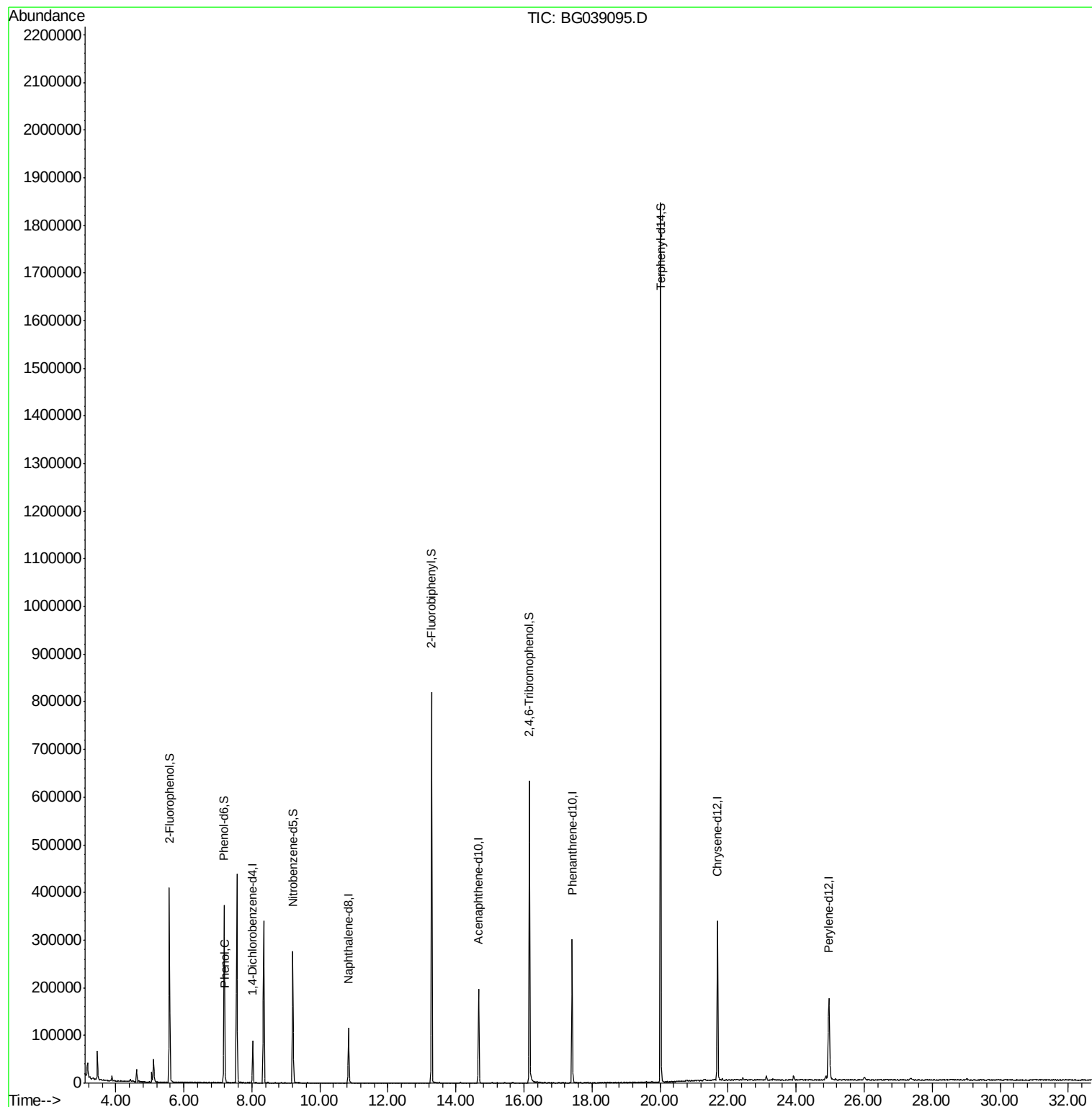
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	27297	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	106074	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	73786	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	199419	20.00	ng	0.00
76) Chrysene-d12	21.69	240	214025	20.00	ng	-0.02
87) Perylene-d12	24.97	264	217276	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	192085	133.49	ng	0.00
7) Phenol-d6	7.19	99	231556	111.82	ng	0.00
23) Nitrobenzene-d5	9.20	82	173992	89.76	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	143109	115.70	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	461922	85.68	ng	0.00
79) Terphenyl-d14	20.02	244	945749	81.74	ng	0.00
Target Compounds						
10) Phenol	7.21	94	4195	2.021	ng	Qvalue # 72

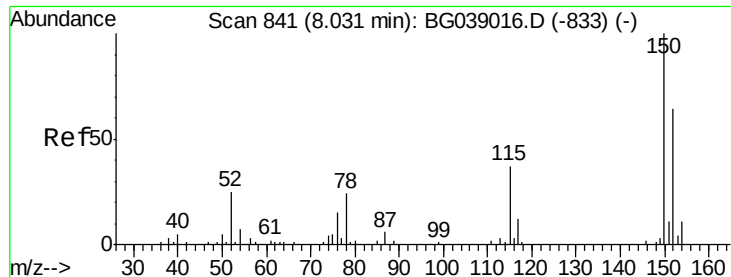
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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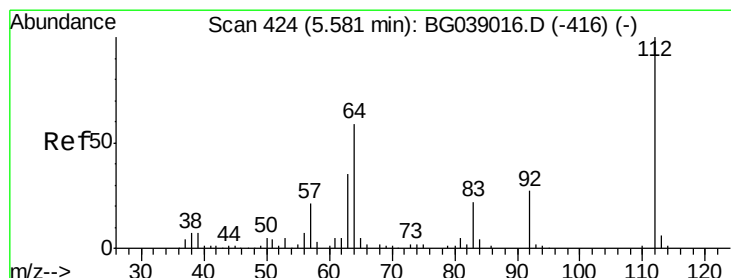
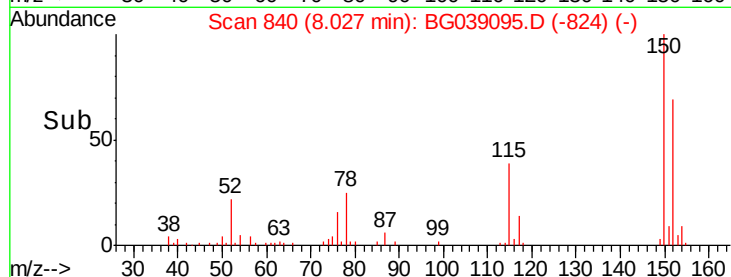
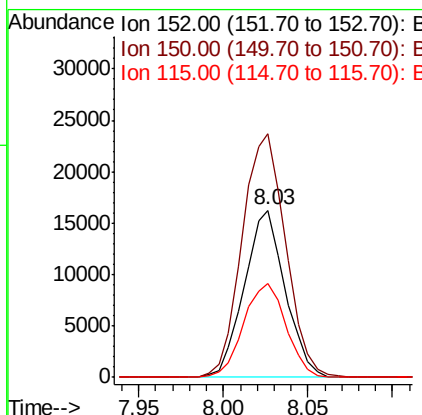
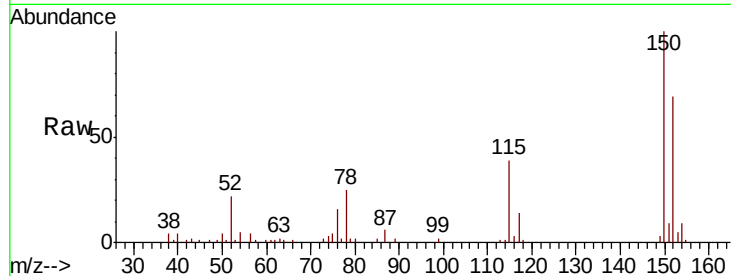


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Instrument :
BNA_G
ClientSampleId :
TP-21

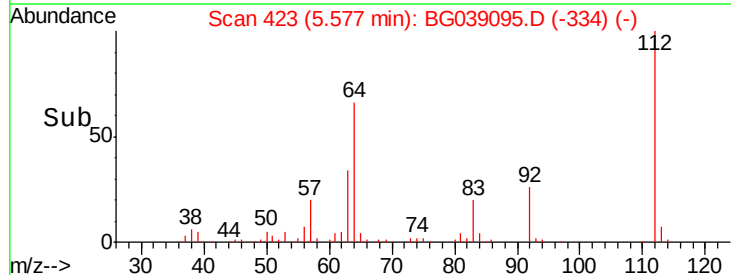
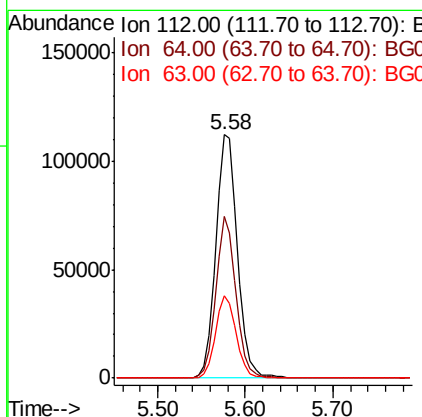
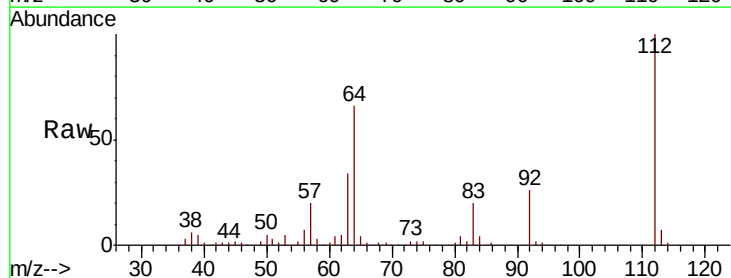
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.6	124.7	187.1
115	56.3	46.5	69.7

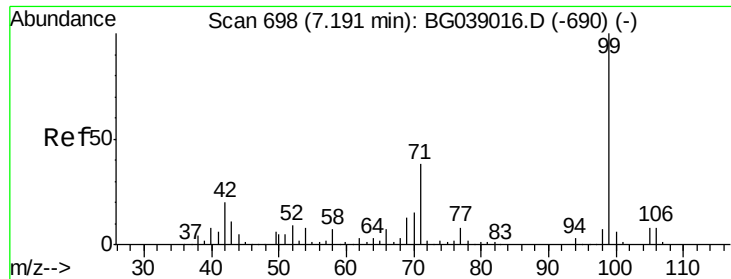


#5

2-Fluorophenol
Concen: 133.488 ng
RT: 5.58 min Scan# 423
Delta R.T. -0.00 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	47.0	70.6
63	33.9	28.0	42.0





#7

Phenol-d6

Concen: 111.816 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG039095.D

Acq: 11 Jan 2019 21:24

Instrument :

BNA_G

ClientSampleId :

TP-21

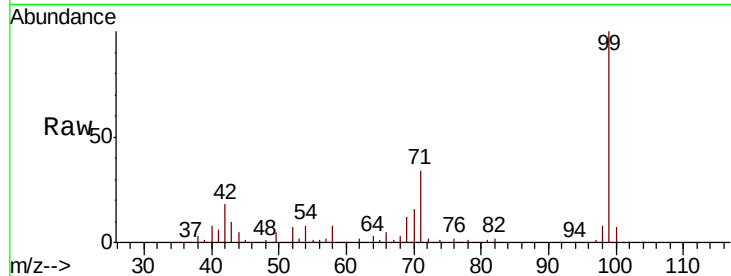
Tot Ion: 99 Resp: 231556

Ion Ratio Lower Upper

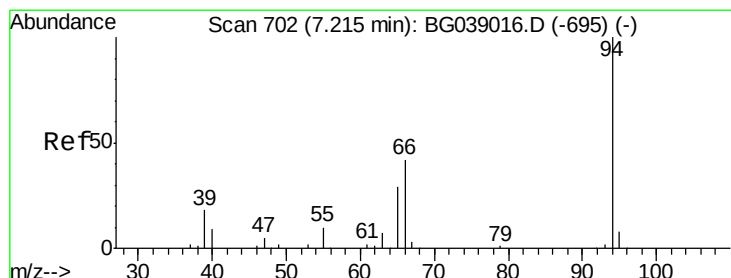
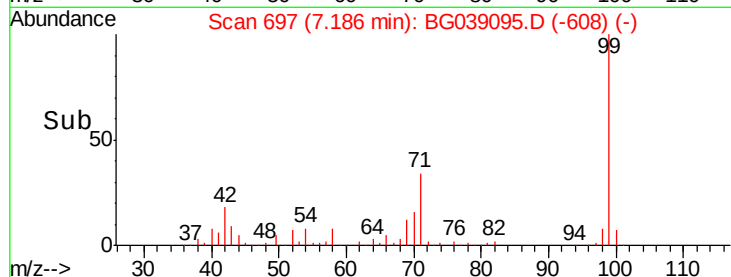
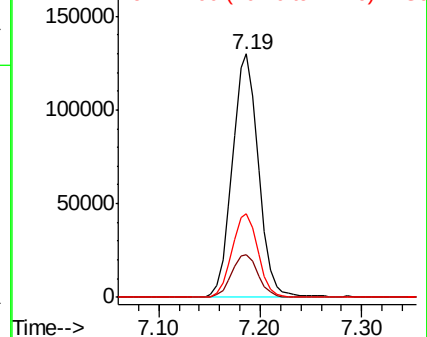
99 100

42 17.7 15.8 23.6

71 34.3 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: 2.021 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG039095.D

Acq: 11 Jan 2019 21:24

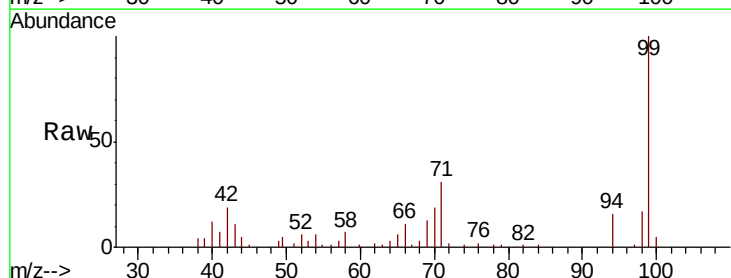
Tgt Ion: 94 Resp: 4195

Ion Ratio Lower Upper

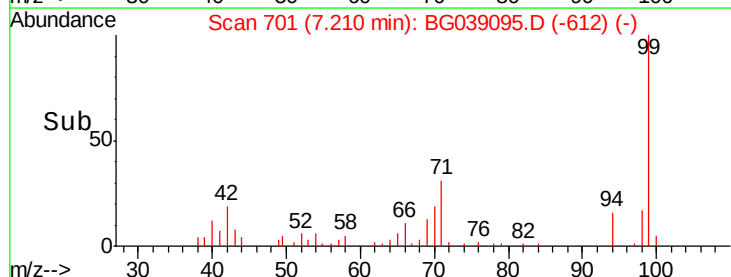
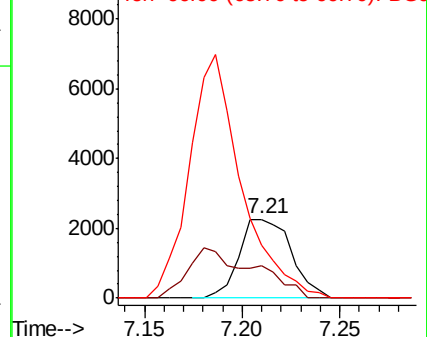
94 100

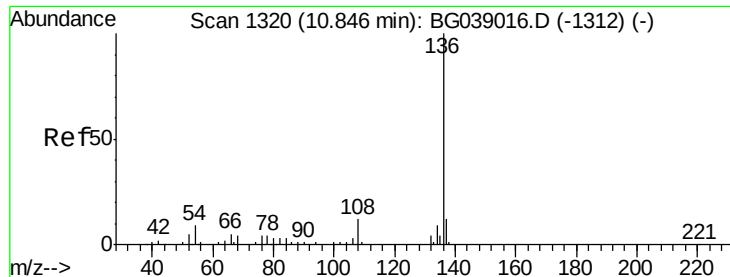
65 40.9 10.3 50.3

66 66.8 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

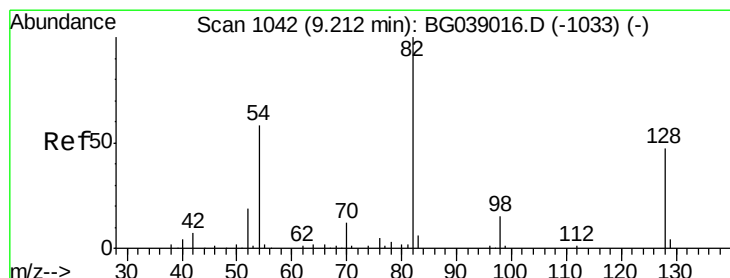
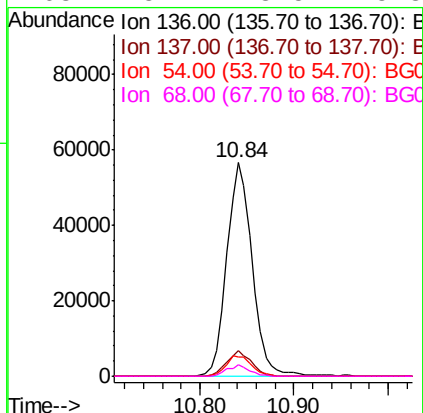
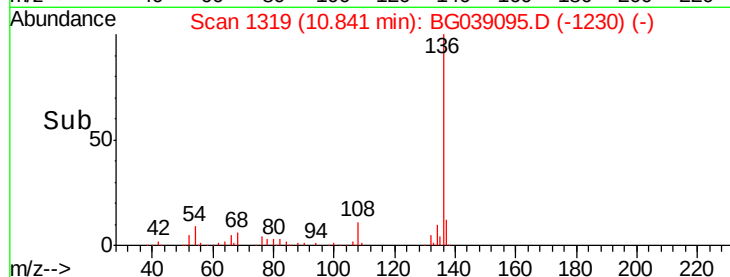
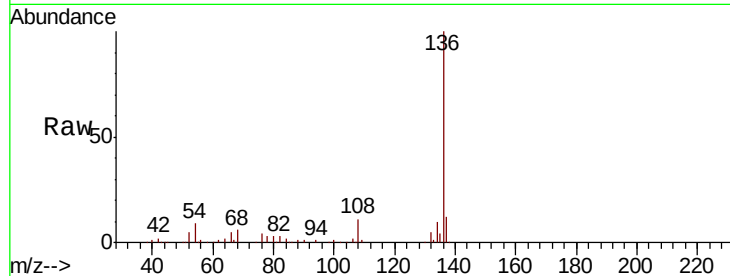




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

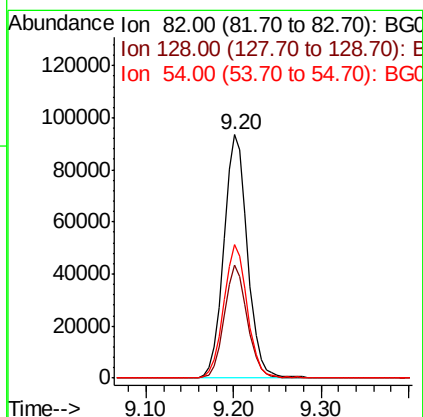
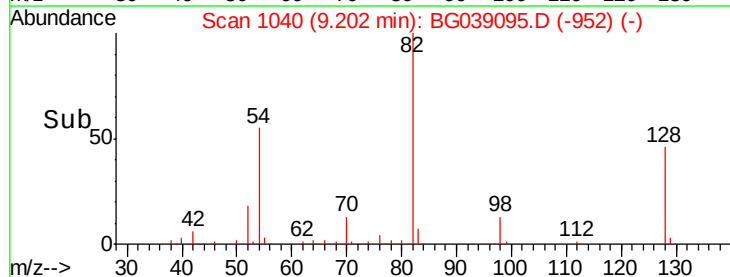
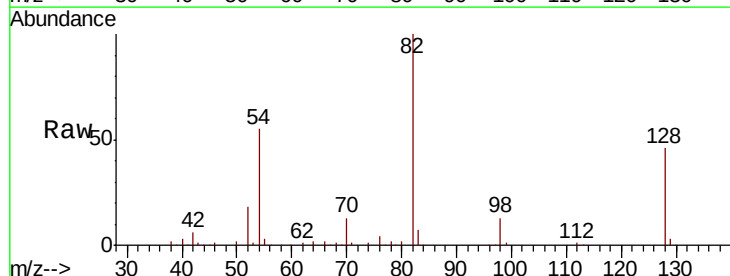
Instrument :
BNA_G
ClientSampleId :
TP-21

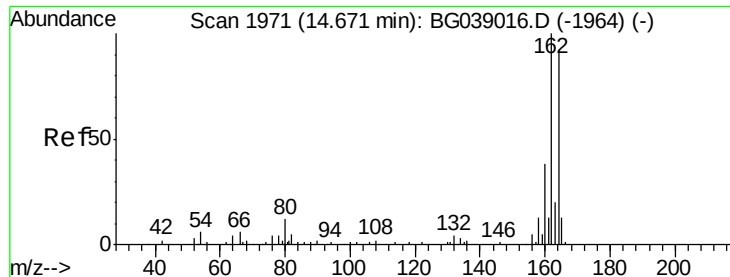
Tot Ion:136	Resp:	106074
Ion	Ratio	Lower Upper
136	100	
137	12.3	9.4 14.2
54	8.7	7.2 10.8
68	5.7	3.5 5.3#



#23
Nitrobenzene-d5
Concen: 89.756 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Tgt Ion: 82	Resp:	173992
Ion	Ratio	Lower Upper
82	100	
128	46.4	37.3 55.9
54	54.9	46.4 69.6

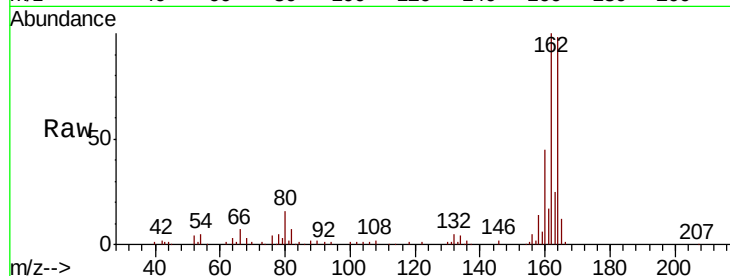




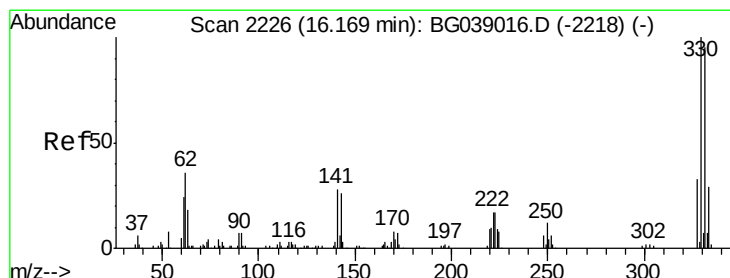
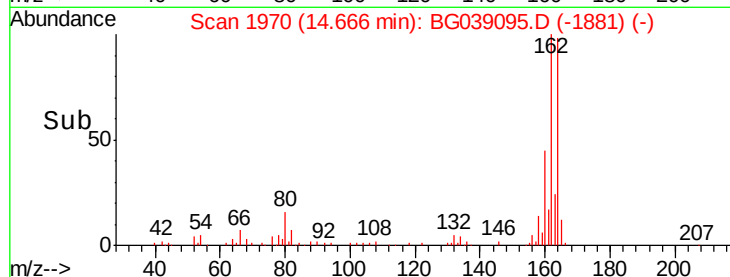
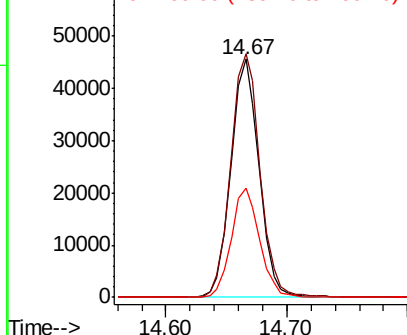
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Instrument :
BNA_G
ClientSampleId :
TP-21

Tot Ion:164 Resp: 73786
Ion Ratio Lower Upper
164 100
162 102.3 87.2 130.8
160 45.6 33.3 49.9

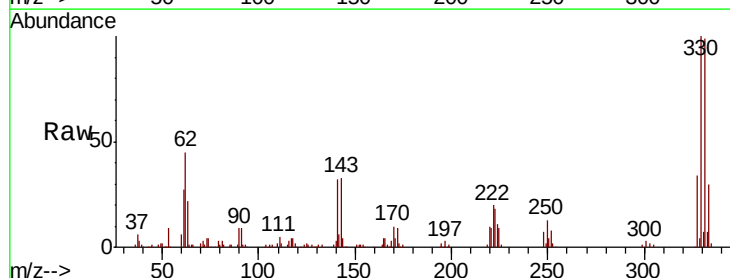


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

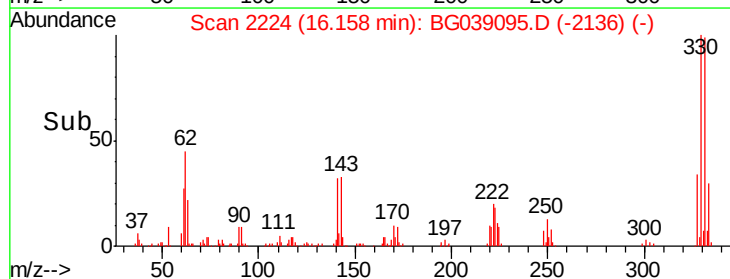
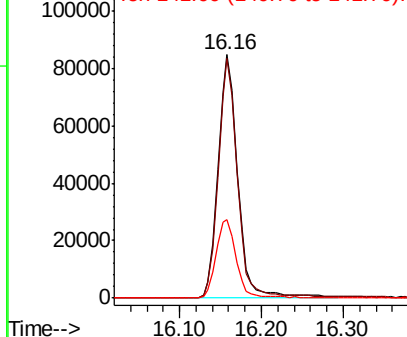


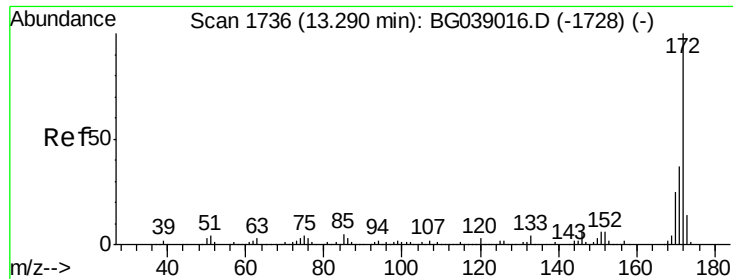
#42
2,4,6-Tribromophenol
Concen: 115.704 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Tgt Ion:330 Resp: 143109
Ion Ratio Lower Upper
330 100
332 96.3 75.7 113.5
141 32.8 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

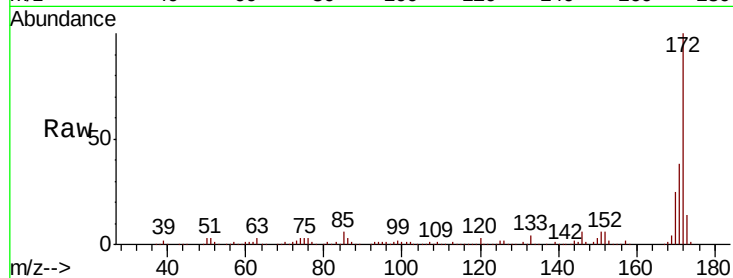




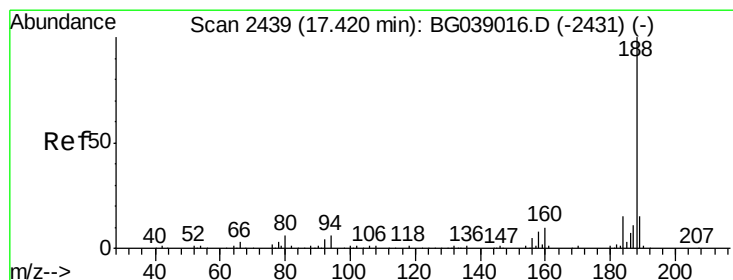
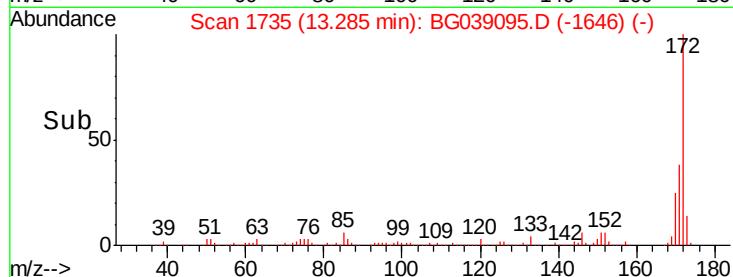
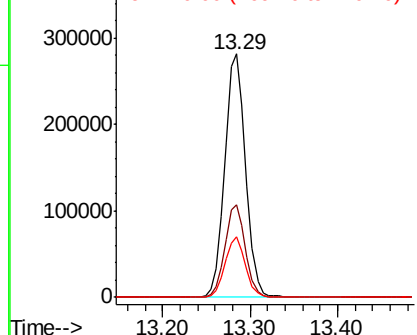
#45
 2-Fluorobiphenyl
 Concen: 85.676 ng
 RT: 13.29 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG039095.D
 Acq: 11 Jan 2019 21:24

Instrument :
 BNA_G
 ClientSampleId :
 TP-21

Tot Ion:172 Resp: 461922
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.4 44.0
 170 25.0 20.1 30.1

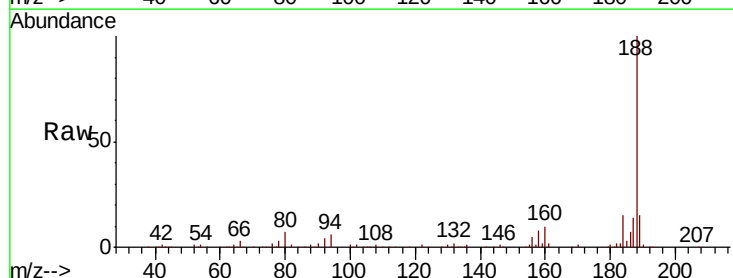


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

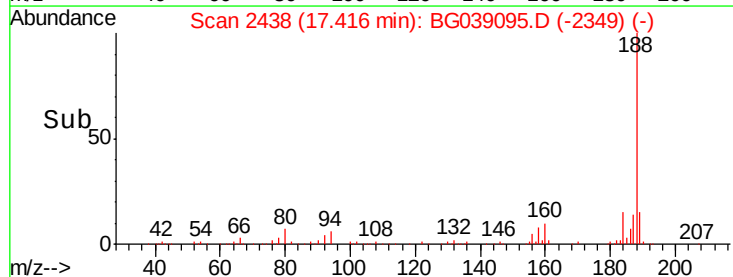
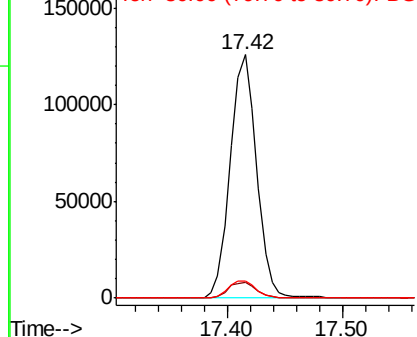


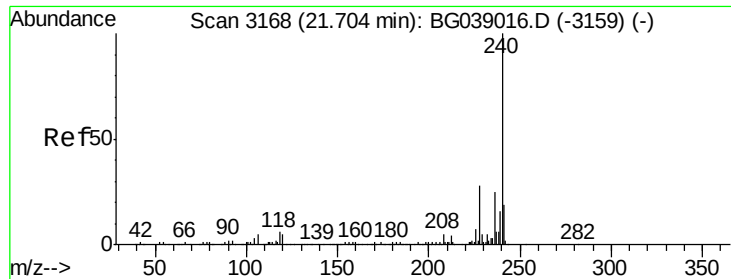
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BG039095.D
 Acq: 11 Jan 2019 21:24

Tgt Ion:188 Resp: 199419
 Ion Ratio Lower Upper
 188 100
 94 6.4 5.0 7.4
 80 7.2 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: 21.69 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG039095.D

Acq: 11 Jan 2019 21:24

Instrument :

BNA_G

ClientSampleId :

TP-21

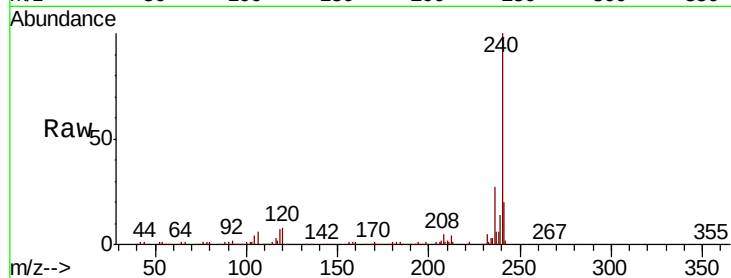
Tot Ion:240 Resp: 214025

Ion Ratio Lower Upper

240 100

120 8.1 4.3 6.5#

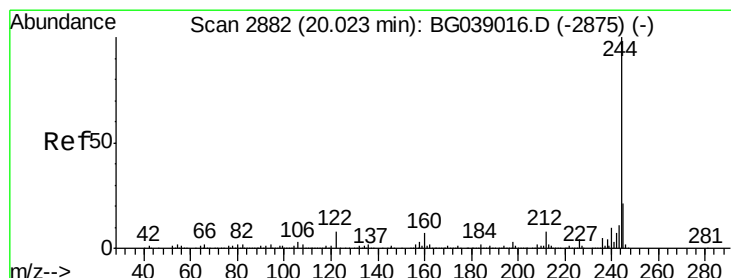
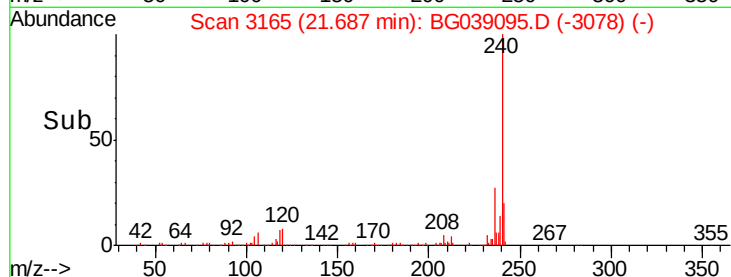
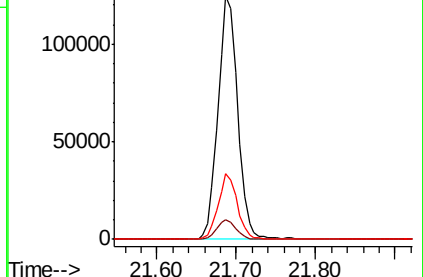
236 26.8 20.1 30.1



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: 81.744 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG039095.D

Acq: 11 Jan 2019 21:24

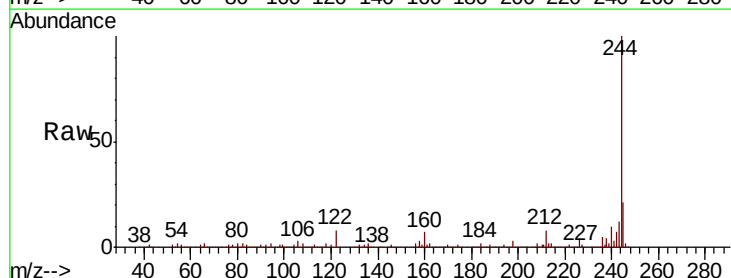
Tgt Ion:244 Resp: 945749

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

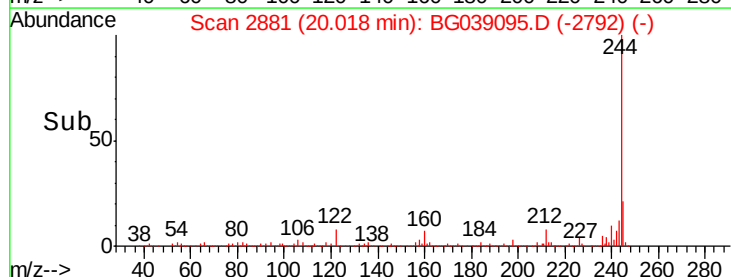
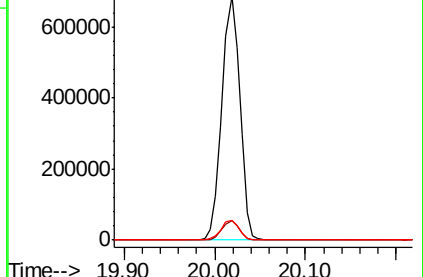
122 8.3 6.1 9.1

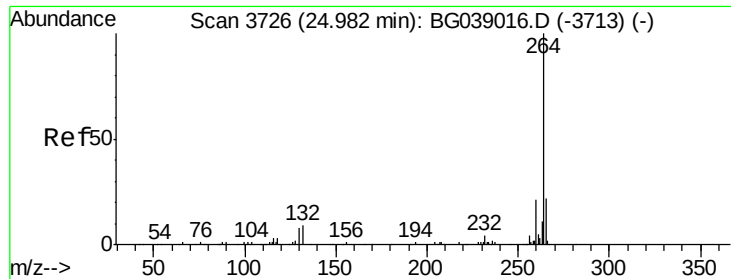


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3723
Delta R.T. -0.02 min
Lab File: BG039095.D
Acq: 11 Jan 2019 21:24

Instrument :
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Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.9	17.0	25.6	
265	21.3	17.2	25.8	

