

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
 Data File : BG039241.D
 Acq On : 21 Jan 2019 19:59
 Operator : JU/SJ
 Sample : K1015-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-B

Quant Time: Jan 22 00:13:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

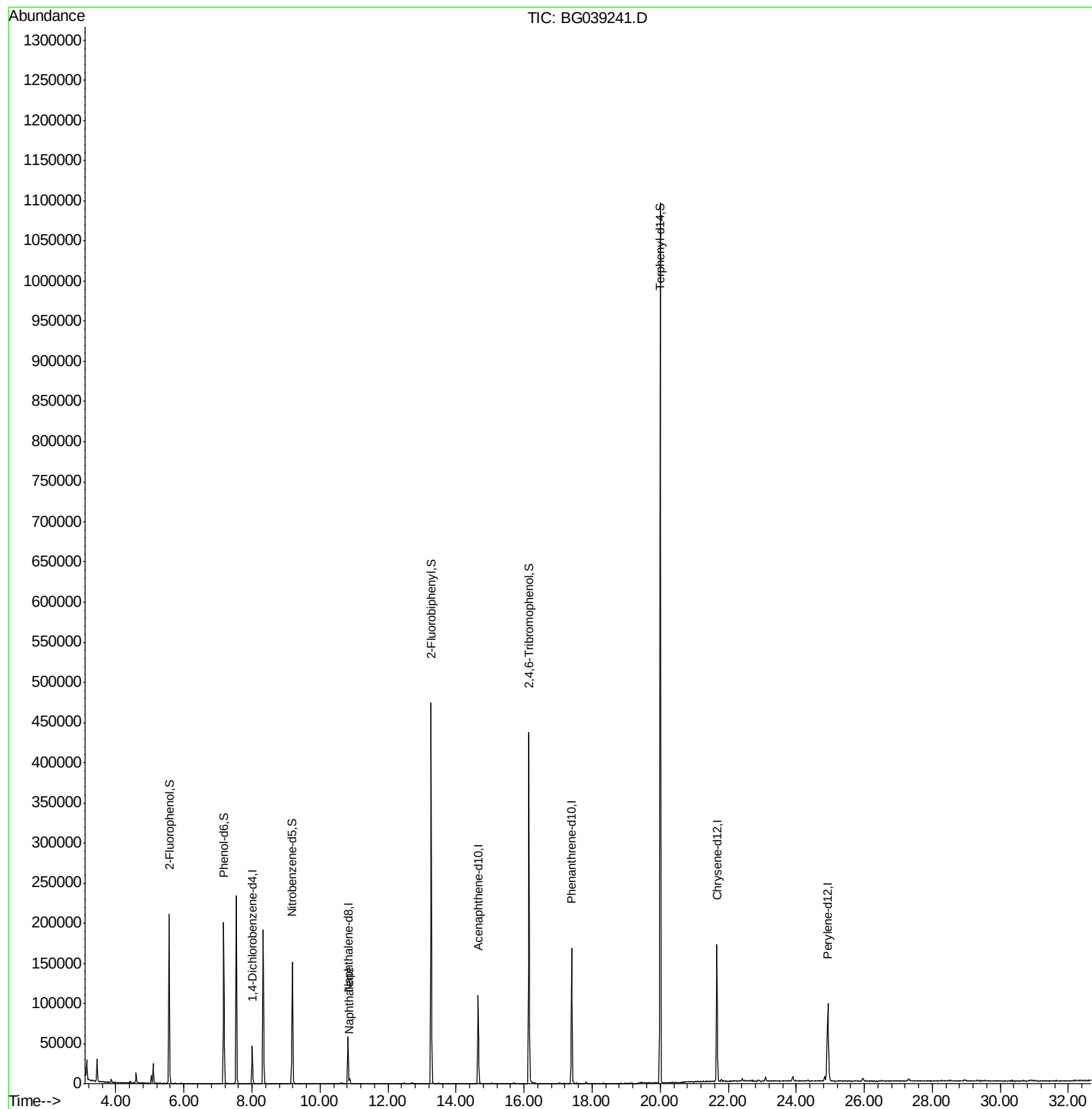
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	14539	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	54848	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	42194	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	111471	20.00	ng	0.00
76) Chrysene-d12	21.67	240	118884	20.00	ng	-0.02
87) Perylene-d12	24.93	264	124392	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	92646	120.88	ng	0.00
7) Phenol-d6	7.17	99	116033	105.20	ng	0.00
23) Nitrobenzene-d5	9.19	82	92208	91.99	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	97891	138.40	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	269466	87.40	ng	0.00
79) Terphenyl-d14	20.00	244	554572	86.29	ng	0.00
Target Compounds						
31) Naphthalene	10.87	128	6590	2.396	ng	Qvalue 99

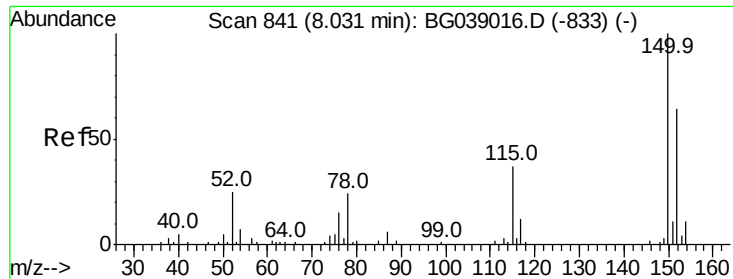
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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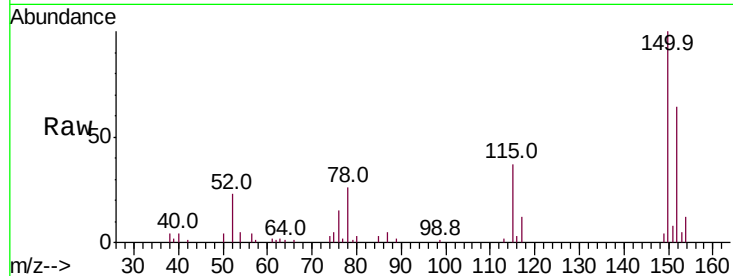


#1

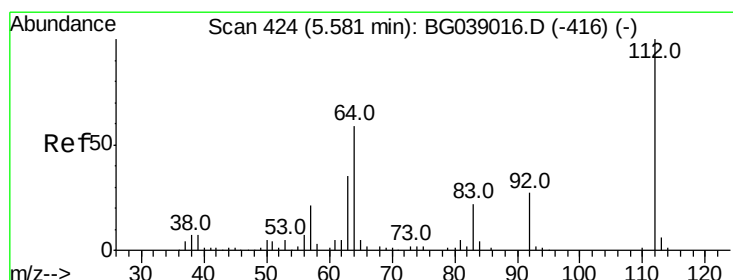
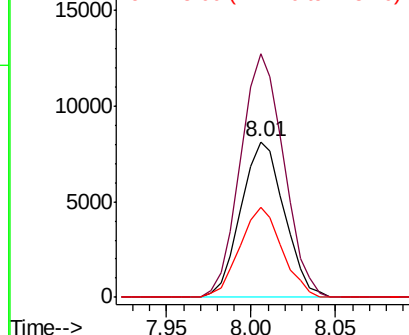
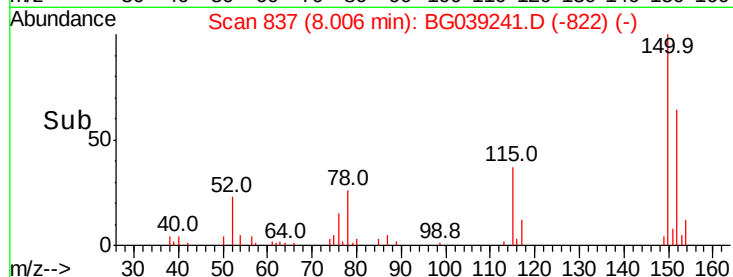
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-B

Tot Ion:152 Resp: 14539
Ion Ratio Lower Upper
152 100
150 156.3 124.7 187.1
115 57.7 46.5 69.7



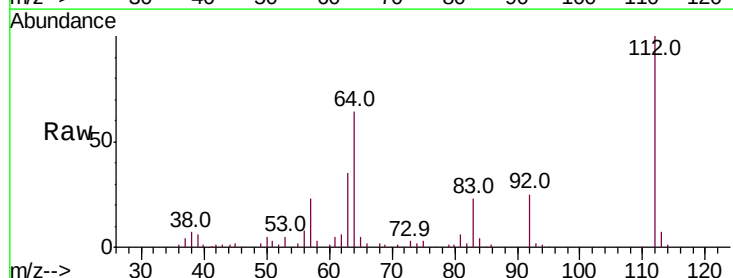
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



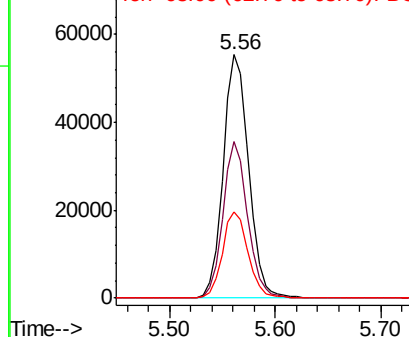
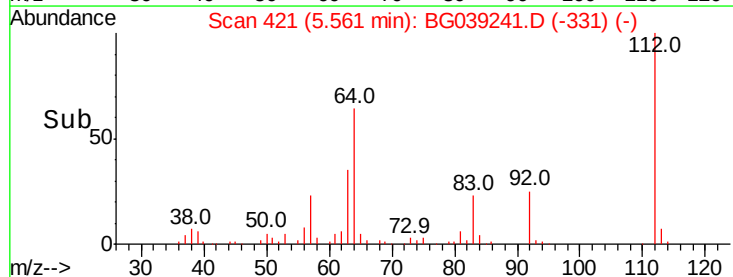
#5

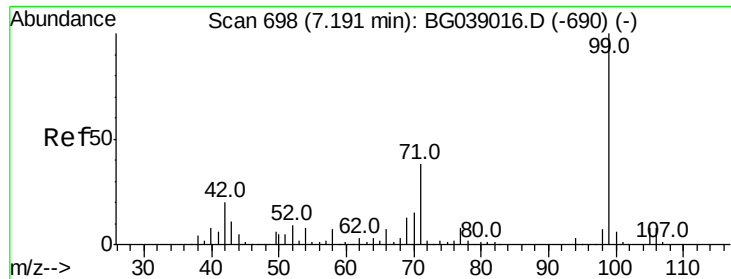
2-Fluorophenol
Concen: 120.880 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Tgt Ion:112 Resp: 92646
Ion Ratio Lower Upper
112 100
64 64.1 47.0 70.6
63 35.1 28.0 42.0



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: 105.199 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039241.D

Acq: 21 Jan 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SU-01-011719-B

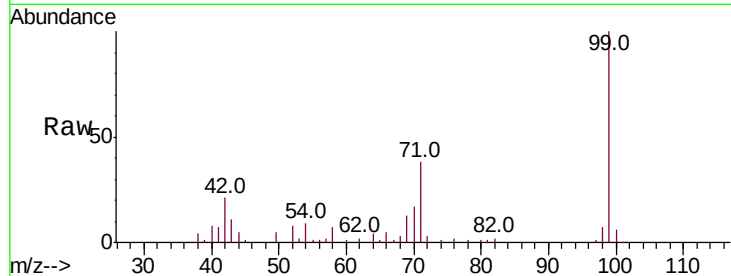
Tot Ion: 99 Resp: 116033

Ion Ratio Lower Upper

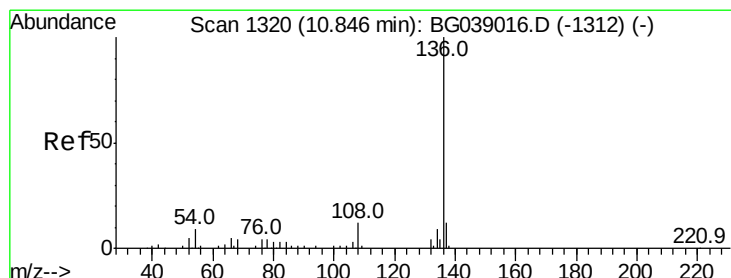
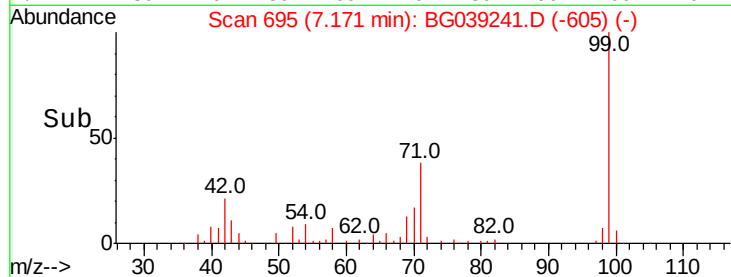
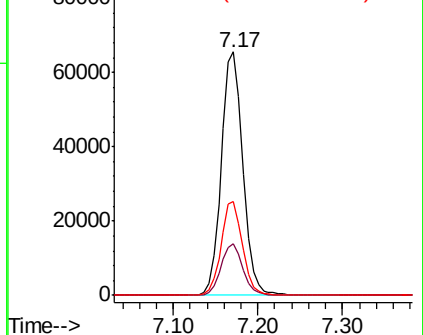
99 100

42 21.2 15.8 23.6

71 38.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG039241.D

Acq: 21 Jan 2019 19:59

Tgt Ion: 136 Resp: 54848

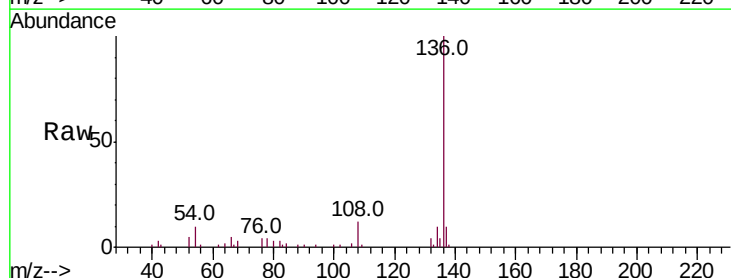
Ion Ratio Lower Upper

136 100

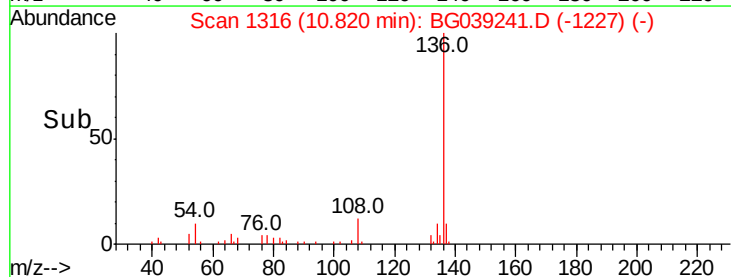
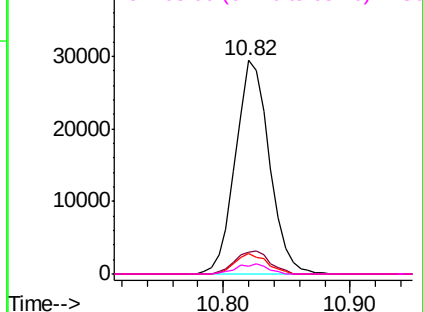
137 10.3 9.4 14.2

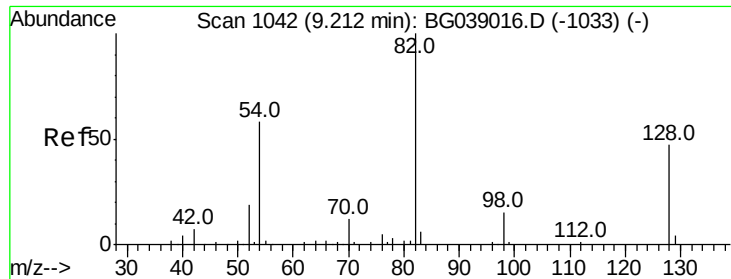
54 9.8 7.2 10.8

68 3.3 3.5 5.3#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

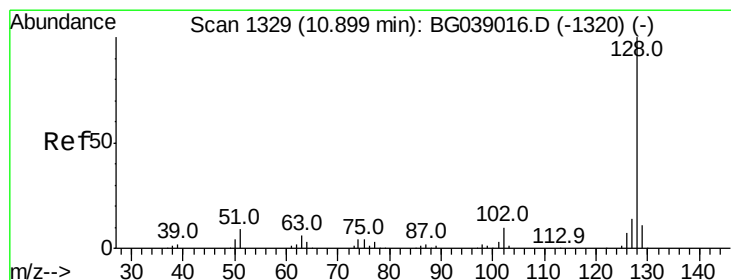
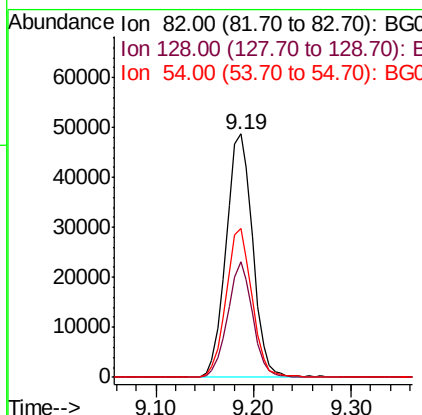
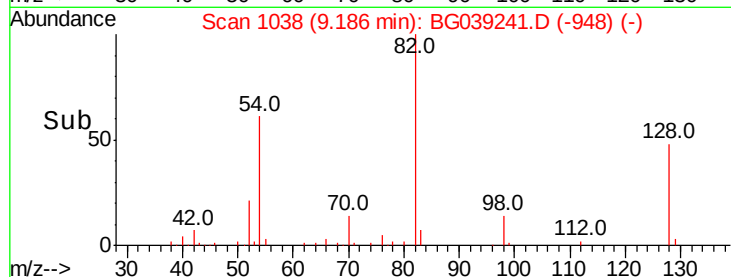
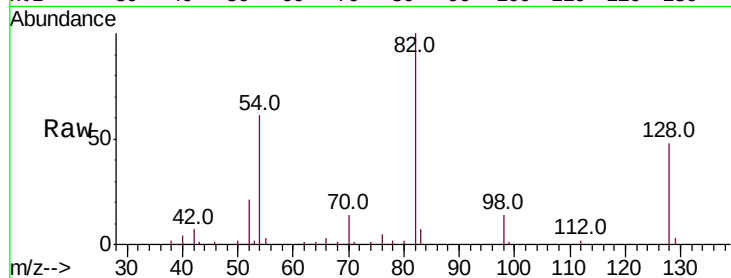




#23
Nitrobenzene-d5
Concen: 91.992 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

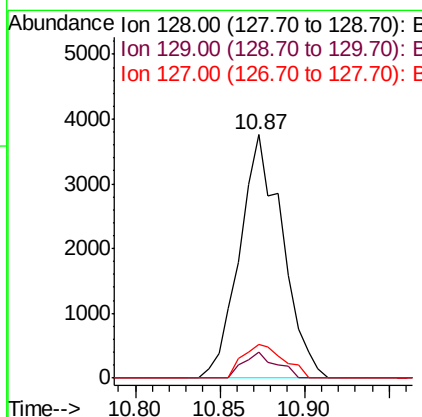
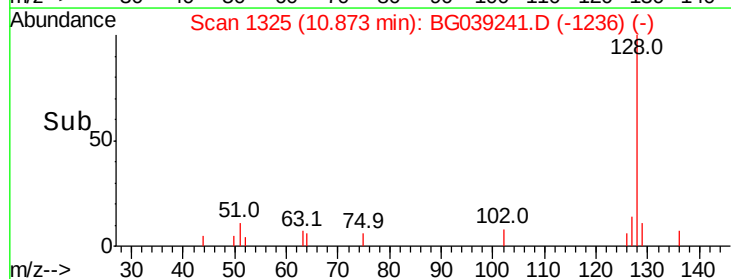
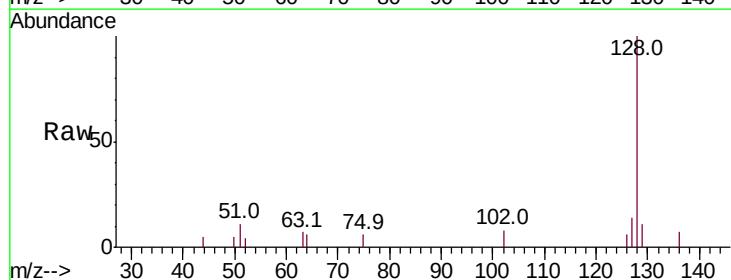
Instrument :
BNA_G
ClientSampleId :
SU-01-011719-B

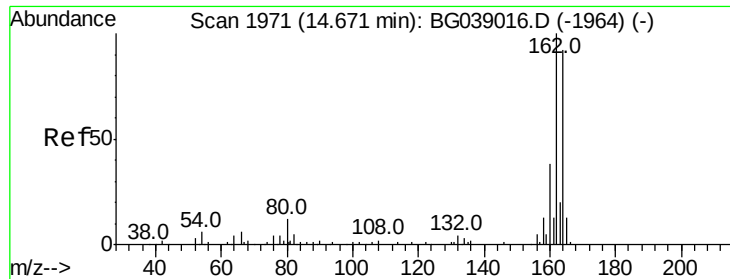
Tot Ion: 82 Resp: 92208
Ion Ratio Lower Upper
82 100
128 47.7 37.3 55.9
54 60.9 46.4 69.6



#31
Naphthalene
Concen: 2.396 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Tgt Ion: 128 Resp: 6590
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.9 11.2 16.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG039241.D

Acq: 21 Jan 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SU-01-011719-B

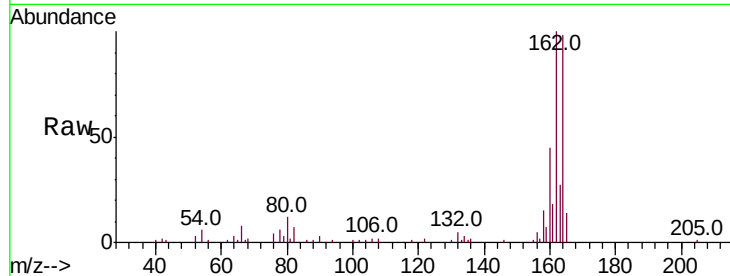
Tot Ion:164 Resp: 42194

Ion Ratio Lower Upper

164 100

162 101.8 87.2 130.8

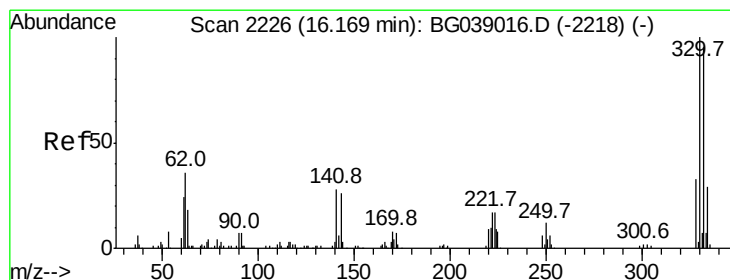
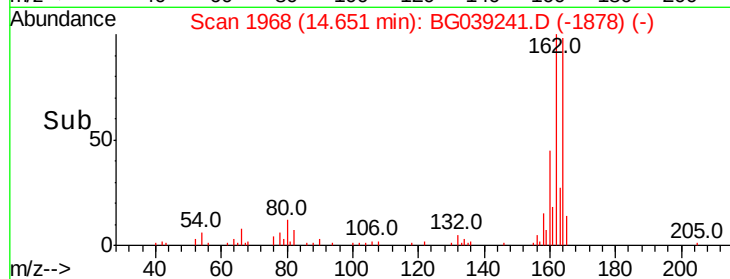
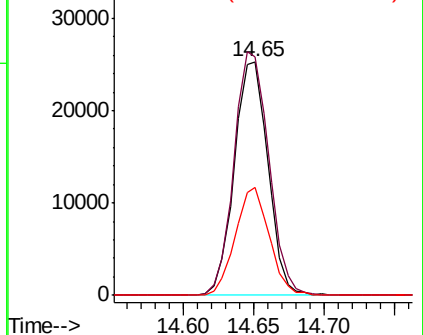
160 46.3 33.3 49.9



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: 138.403 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039241.D

Acq: 21 Jan 2019 19:59

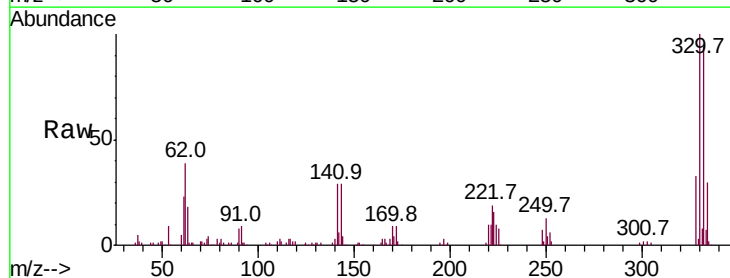
Tgt Ion:330 Resp: 97891

Ion Ratio Lower Upper

330 100

332 95.6 75.7 113.5

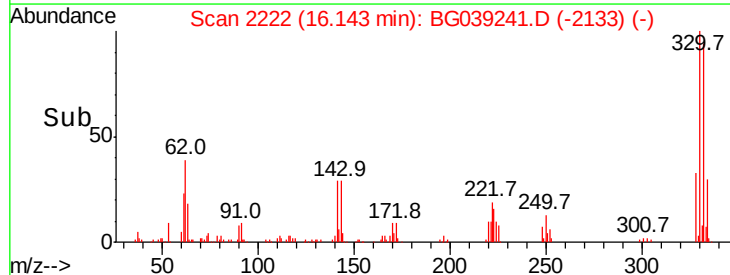
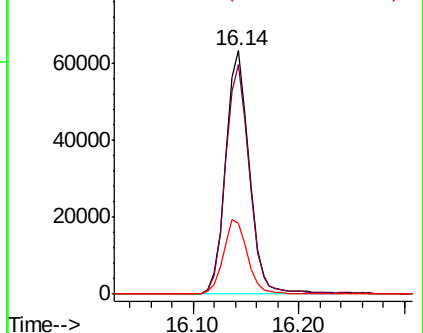
141 31.0 24.9 37.3

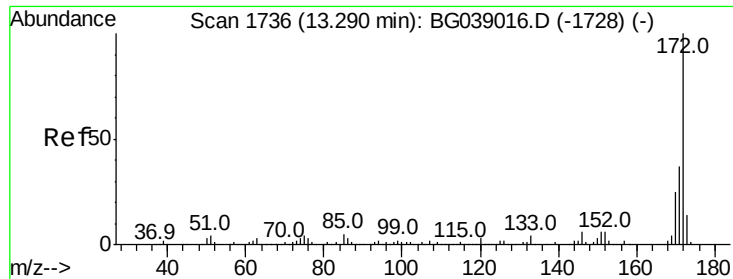


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

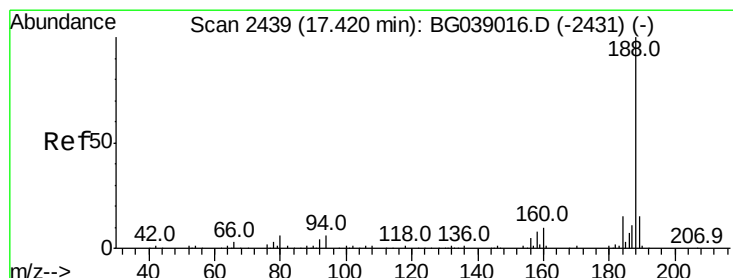
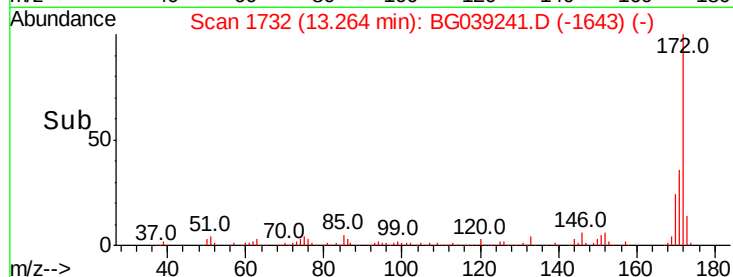
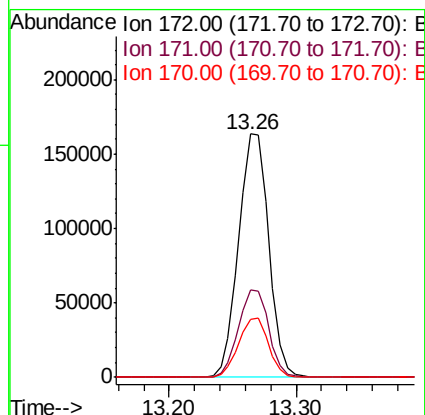
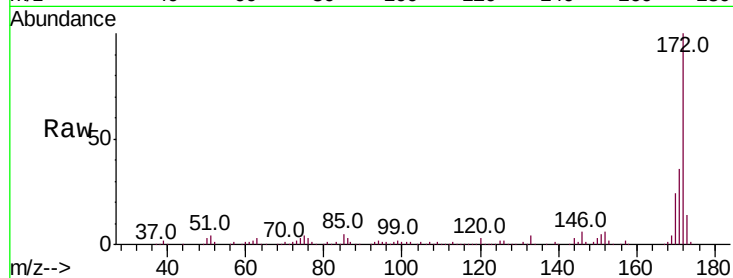




#45
 2-Fluorobiphenyl
 Concen: 87.401 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039241.D
 Acq: 21 Jan 2019 19:59

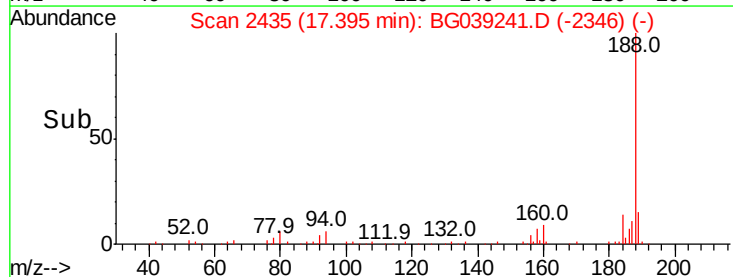
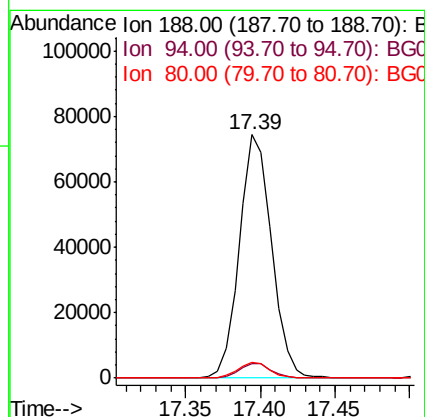
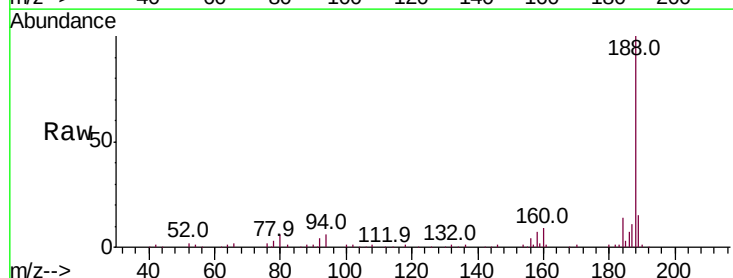
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-B

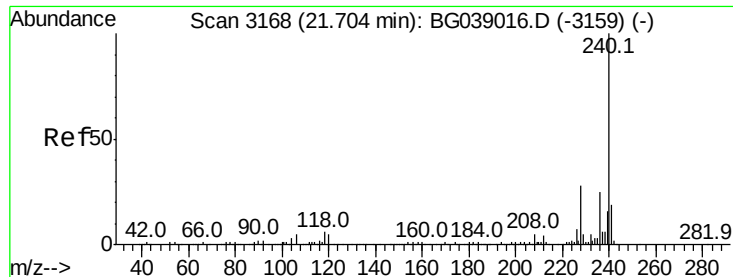
Tot Ion:172 Resp: 269466
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.1 20.1 30.1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG039241.D
 Acq: 21 Jan 2019 19:59

Tgt Ion:188 Resp: 111471
 Ion Ratio Lower Upper
 188 100
 94 5.8 5.0 7.4
 80 6.4 4.7 7.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.02 min

Lab File: BG039241.D

Acq: 21 Jan 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SU-01-011719-B

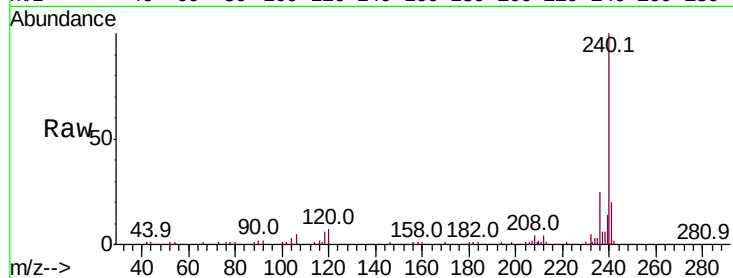
Tot Ion:240 Resp: 118884

Ion Ratio Lower Upper

240 100

120 6.9 4.3 6.5#

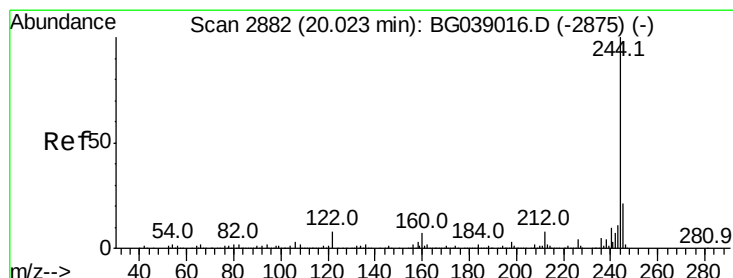
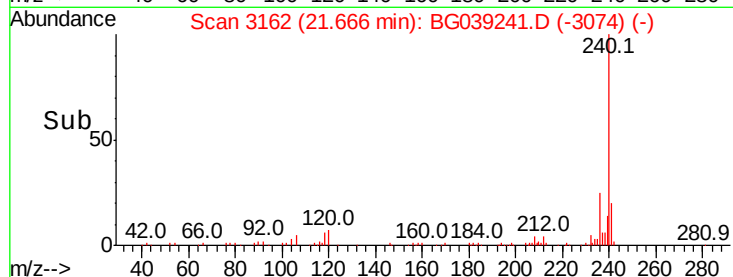
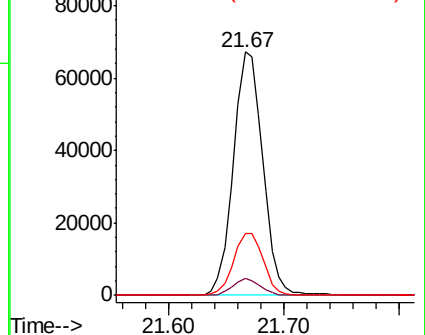
236 25.4 20.1 30.1



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: 86.294 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039241.D

Acq: 21 Jan 2019 19:59

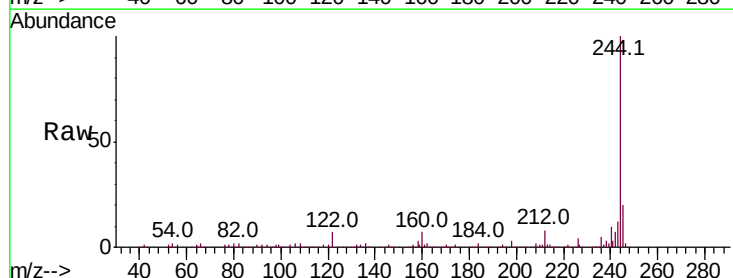
Tgt Ion:244 Resp: 554572

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

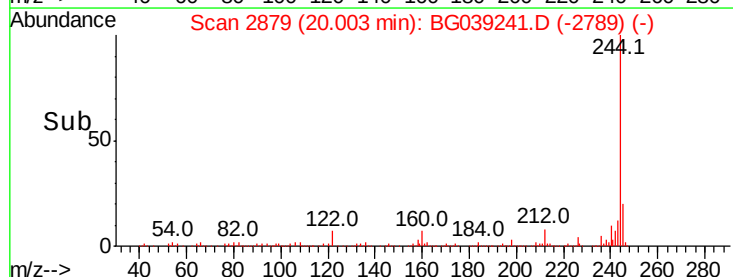
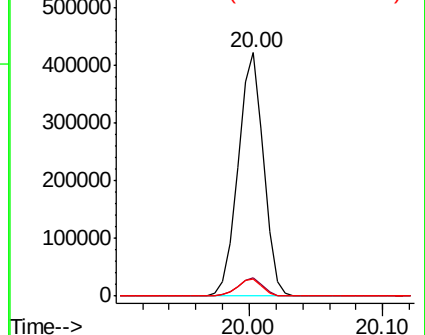
122 6.9 6.1 9.1

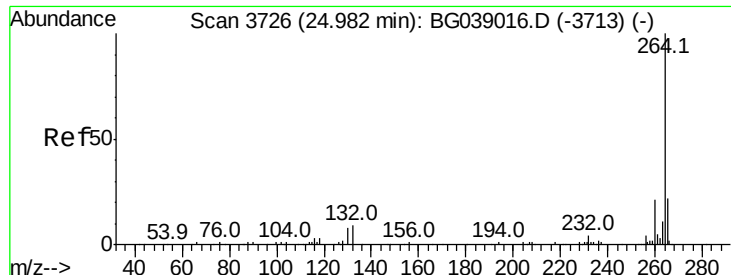


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

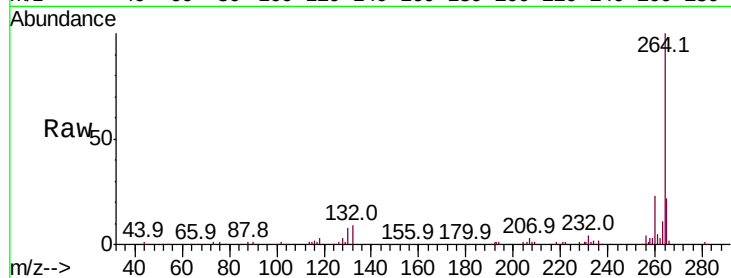




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.02 min
 Lab File: BG039241.D
 Acq: 21 Jan 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-B

Tot Ion:	264	Resp:	124392
Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.0	25.6
265	21.9	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

