

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039301.D
 Acq On : 26 Jan 2019 7:47
 Operator : JU/SJ
 Sample : K1238-50
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S5

Quant Time: Jan 28 04:05:50 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	12826	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	49571	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	35664	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	100090	20.00	ng	0.00
76) Chrysene-d12	21.67	240	120064	20.00	ng	-0.01
87) Perylene-d12	24.92	264	128888	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	99631	147.36	ng	0.00
7) Phenol-d6	7.17	99	121154	124.51	ng	0.00
23) Nitrobenzene-d5	9.19	82	97137	107.23	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	88513	148.06	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	258766	99.30	ng	0.00
79) Terphenyl-d14	20.00	244	619037	95.38	ng	0.00

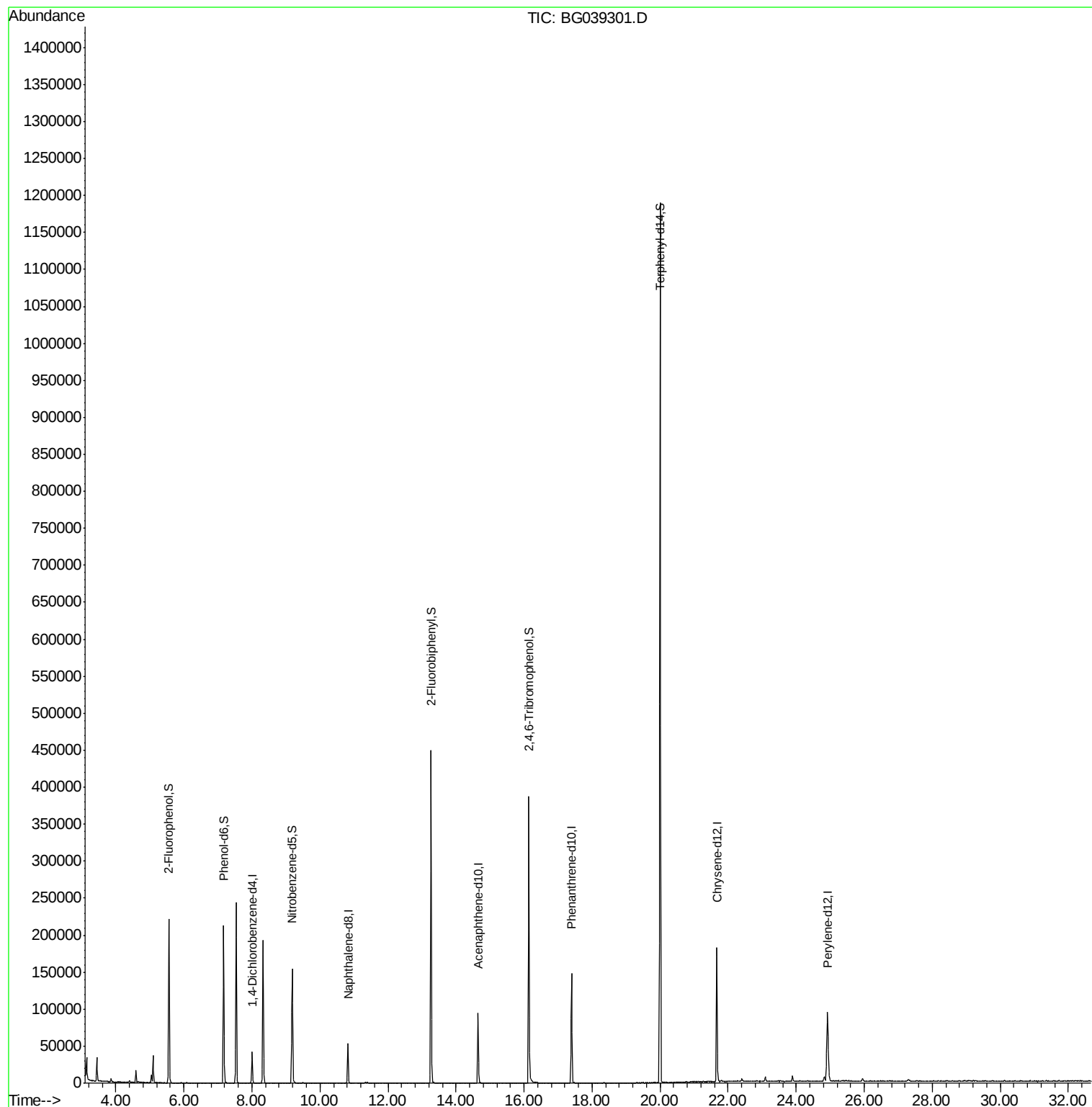
Target Compounds Qvalue

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

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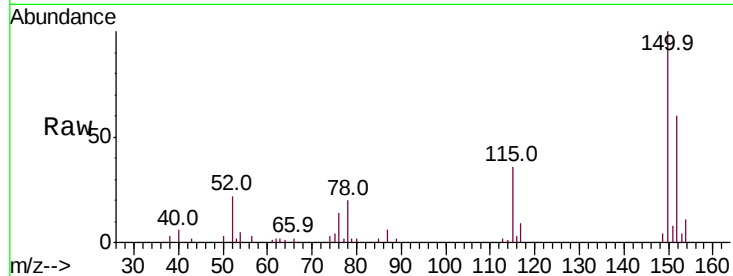


#1

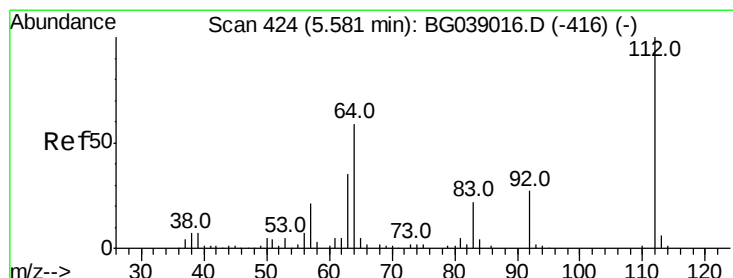
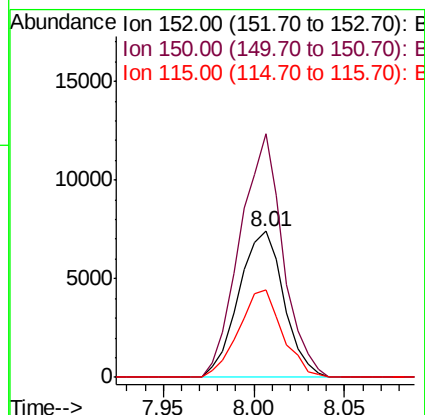
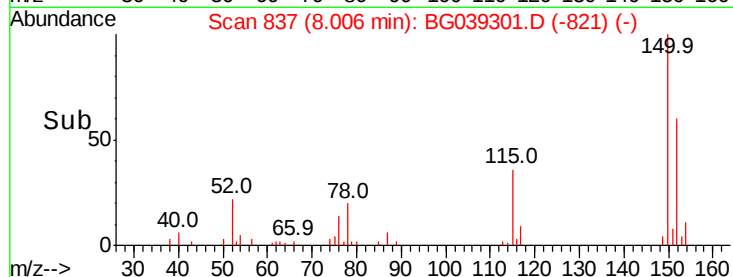
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039301.D
Acq: 26 Jan 2019 7:47

Instrument :
BNA_G
ClientSampleId :
S5

Tot Ion:152 Resp: 12826
Ion Ratio Lower Upper
152 100
150 167.1 124.7 187.1
115 60.0 46.5 69.7



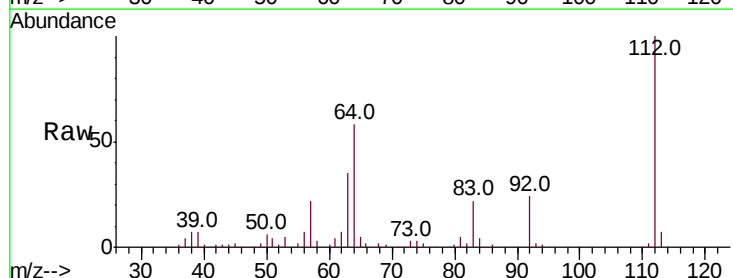
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



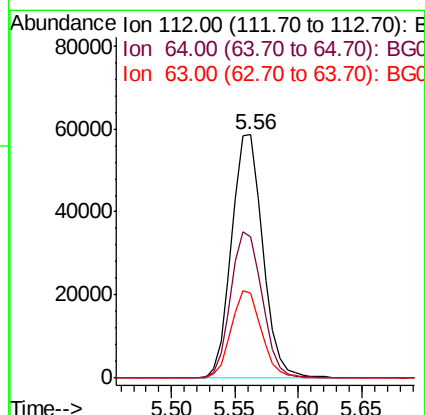
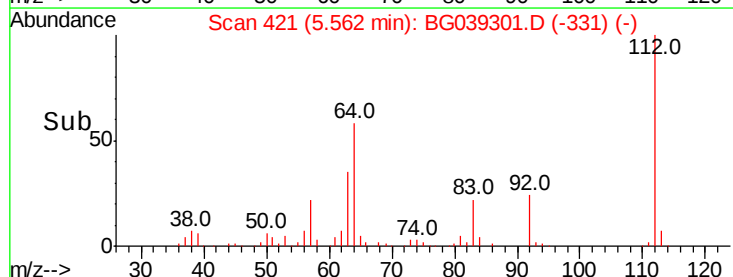
#5

2-Fluorophenol
Concen: 147.356 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039301.D
Acq: 26 Jan 2019 7:47

Tgt Ion:112 Resp: 99631
Ion Ratio Lower Upper
112 100
64 57.8 47.0 70.6
63 34.9 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: 124.512 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039301.D

Acq: 26 Jan 2019 7:47

Instrument :

BNA_G

ClientSampleId :

S5

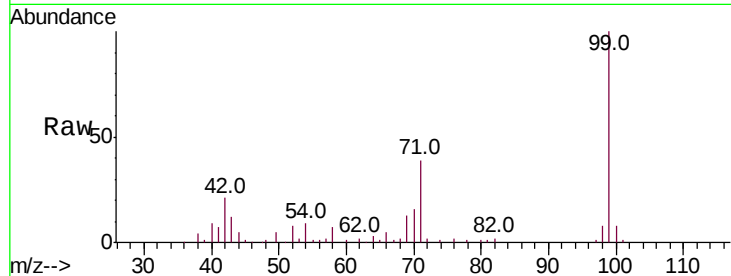
Tot Ion: 99 Resp: 121154

Ion Ratio Lower Upper

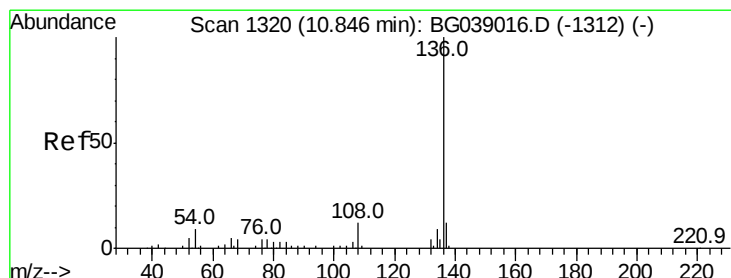
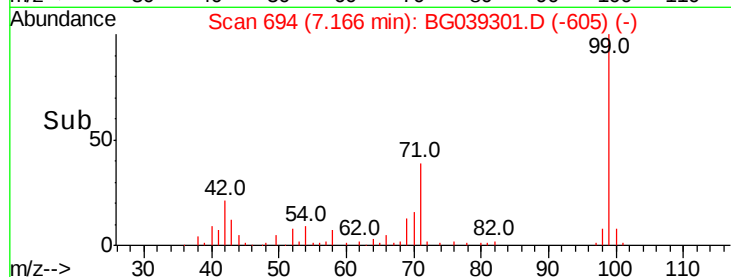
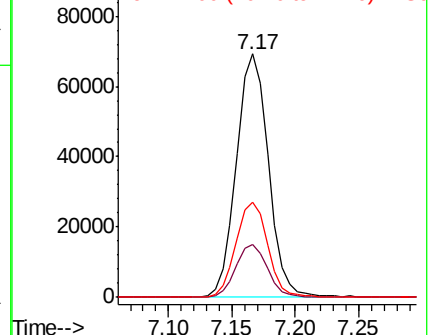
99 100

42 21.5 15.8 23.6

71 39.1 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: BG039301.D

Acq: 26 Jan 2019 7:47

Tgt Ion: 136 Resp: 49571

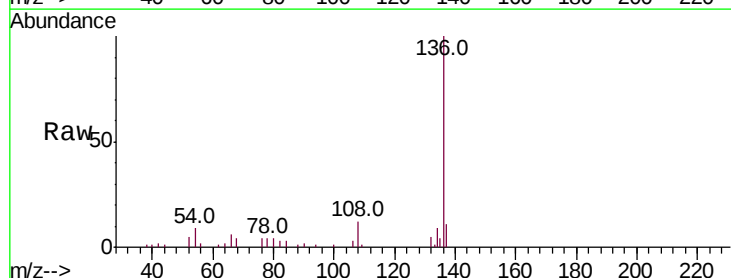
Ion Ratio Lower Upper

136 100

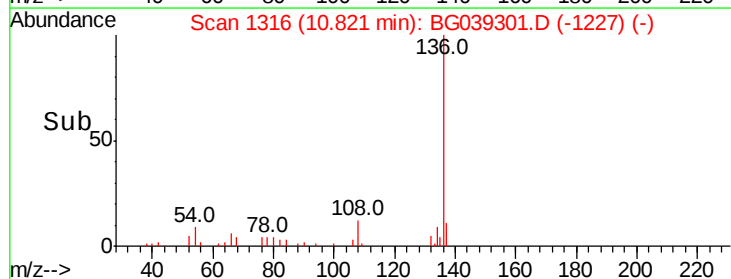
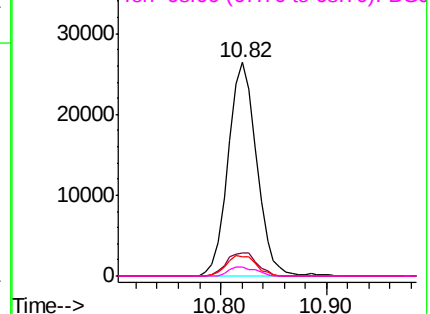
137 10.8 9.4 14.2

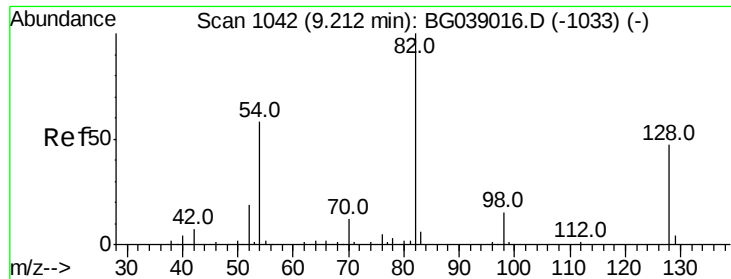
54 9.1 7.2 10.8

68 4.5 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

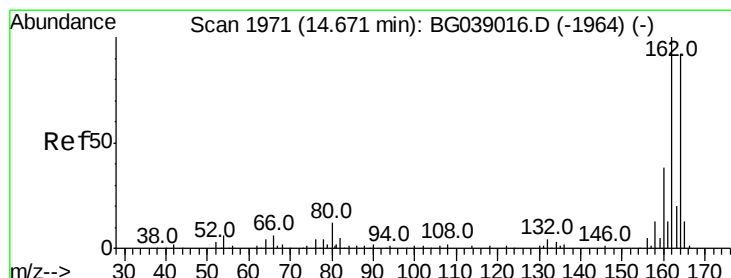
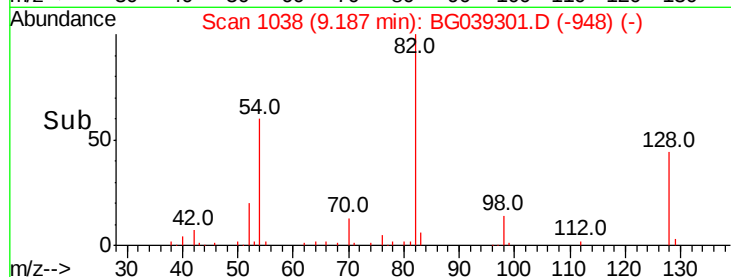
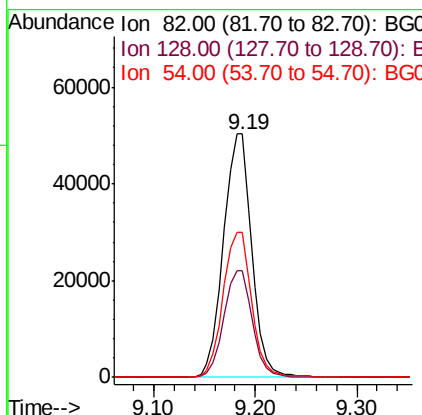
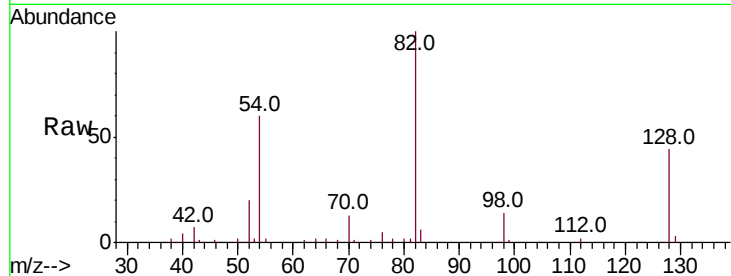




#23
Nitrobenzene-d5
Concen: 107.226 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039301.D
Acq: 26 Jan 2019 7:47

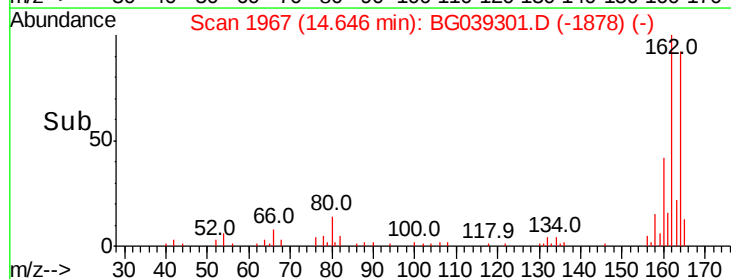
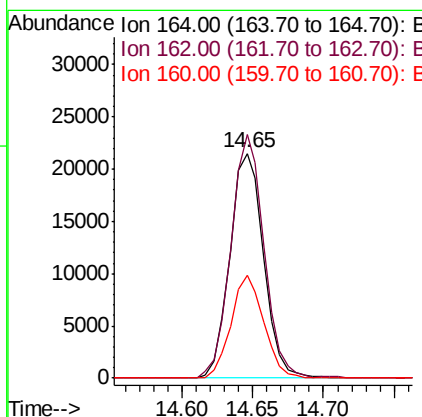
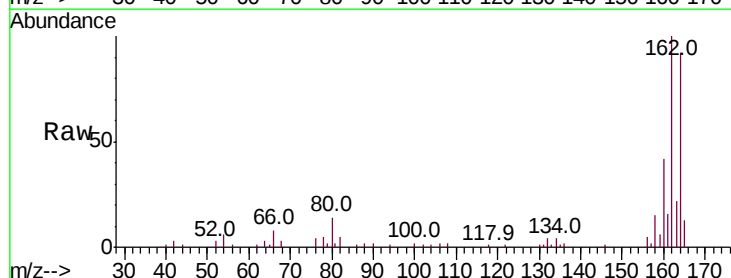
Instrument :
BNA_G
ClientSampleId :
S5

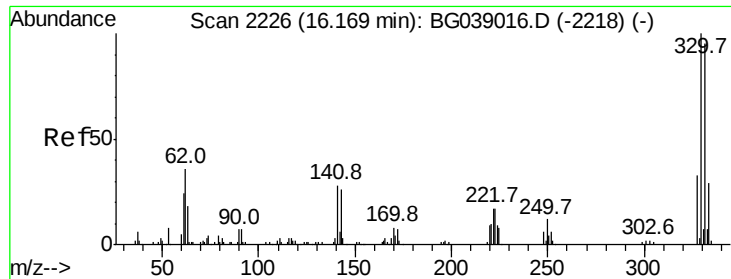
Tot Ion	82	Resp	97137
Ion Ratio	100	Lower	Upper
128	43.9	37.3	55.9
54	59.8	46.4	69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG039301.D
Acq: 26 Jan 2019 7:47

Tgt Ion	164	Resp	35664
Ion Ratio	100	Lower	Upper
162	108.4	87.2	130.8
160	45.9	33.3	49.9





#42

2,4,6-Tribromophenol

Concen: 148.058 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG039301.D

Acq: 26 Jan 2019 7:47

Instrument :

BNA_G

ClientSampleId :

S5

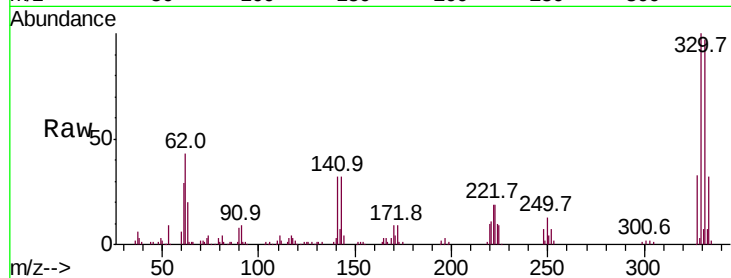
Tot Ion:330 Resp: 88513

Ion Ratio Lower Upper

330 100

332 98.0 75.7 113.5

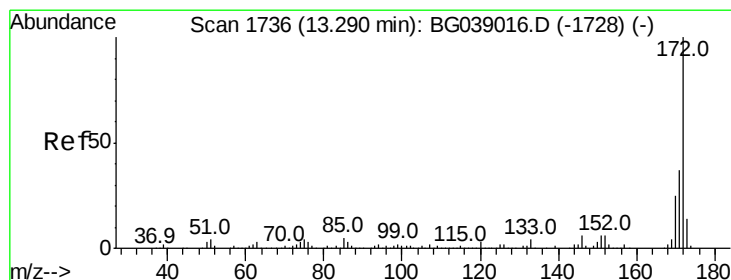
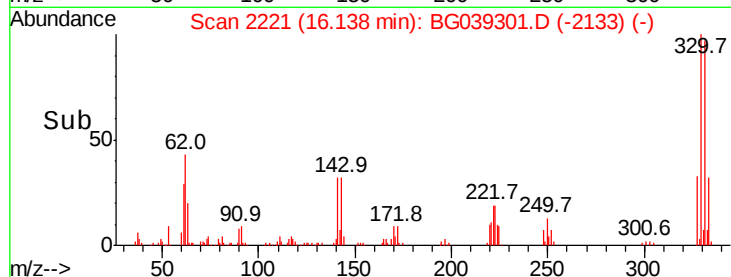
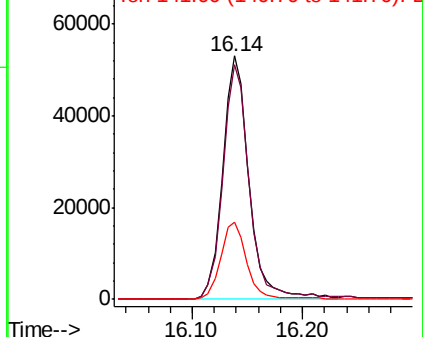
141 31.0 24.9 37.3



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: 99.298 ng

RT: 13.26 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG039301.D

Acq: 26 Jan 2019 7:47

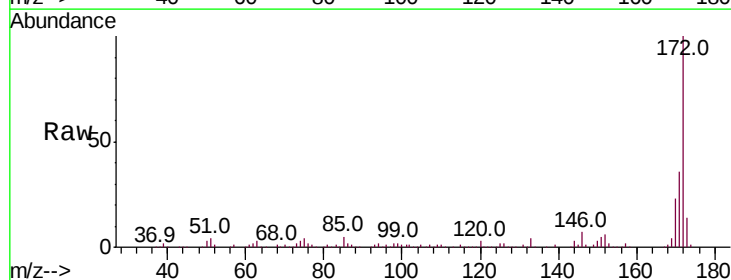
Tgt Ion:172 Resp: 258766

Ion Ratio Lower Upper

172 100

171 35.9 29.4 44.0

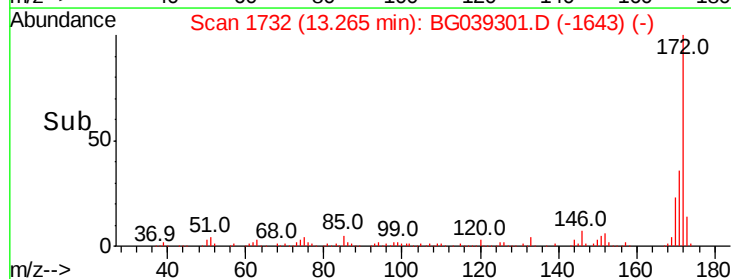
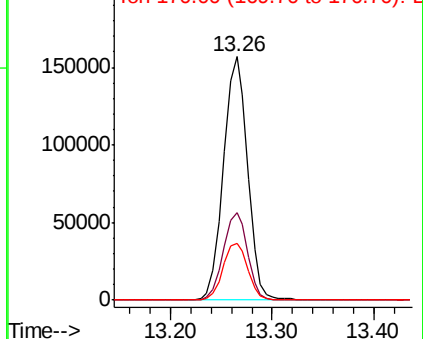
170 23.1 20.1 30.1

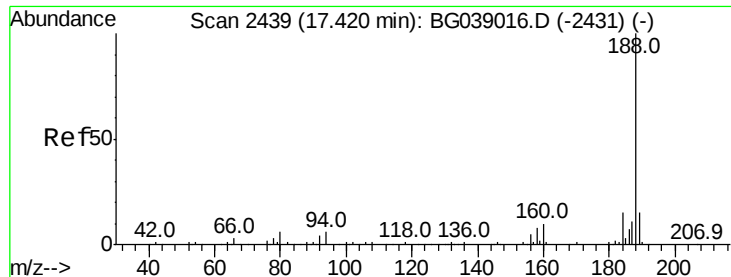


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039301.D

Acq: 26 Jan 2019 7:47

Instrument :

BNA_G

ClientSampleId :

S5

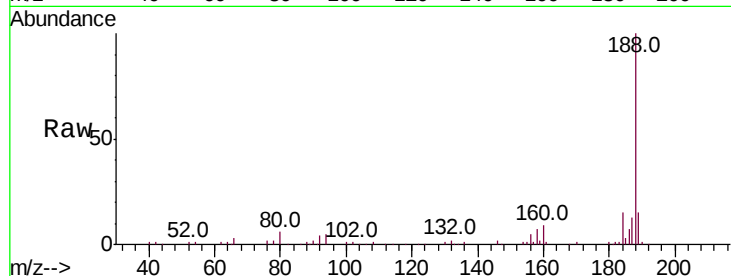
Tot Ion:188 Resp: 100090

Ion Ratio Lower Upper

188 100

94 5.3 5.0 7.4

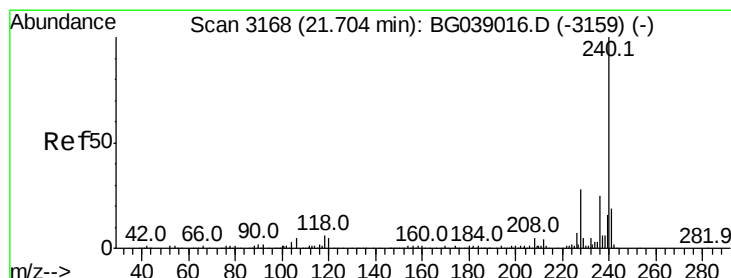
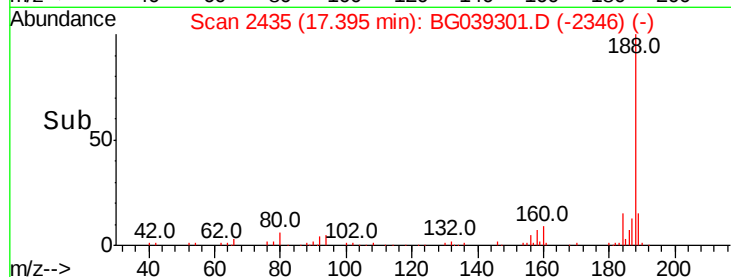
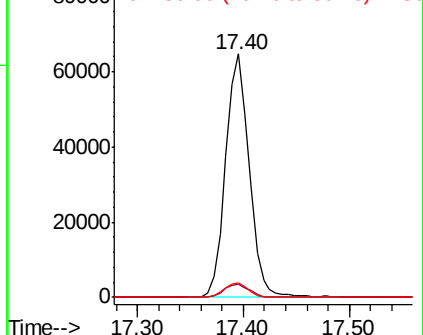
80 6.2 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039301.D

Acq: 26 Jan 2019 7:47

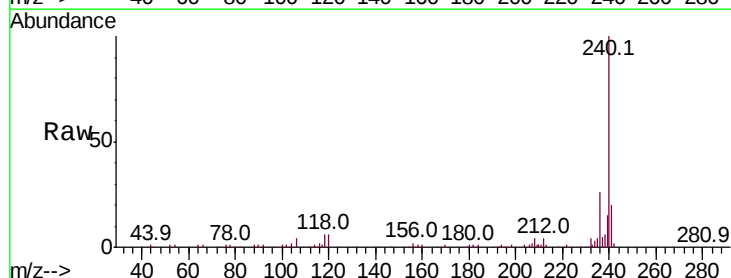
Tgt Ion:240 Resp: 120064

Ion Ratio Lower Upper

240 100

120 6.3 4.3 6.5

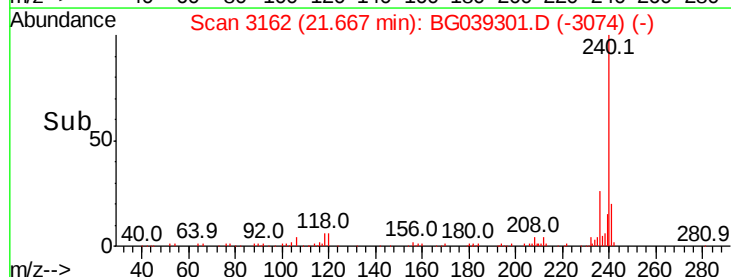
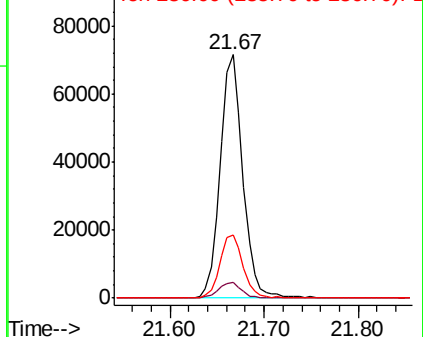
236 25.8 20.1 30.1

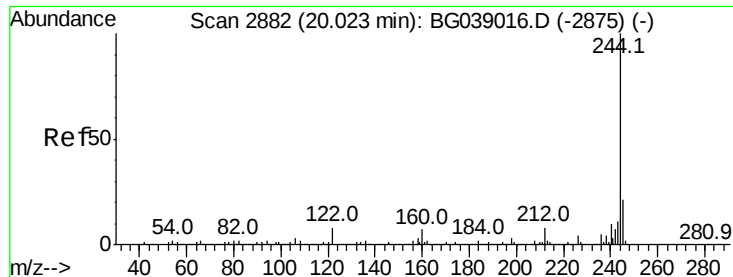


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.378 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039301.D

Acq: 26 Jan 2019 7:47

Instrument :

BNA_G

ClientSampleId :

S5

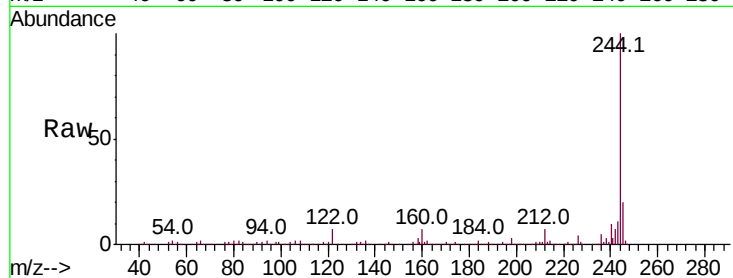
Tot Ion:244 Resp: 619037

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

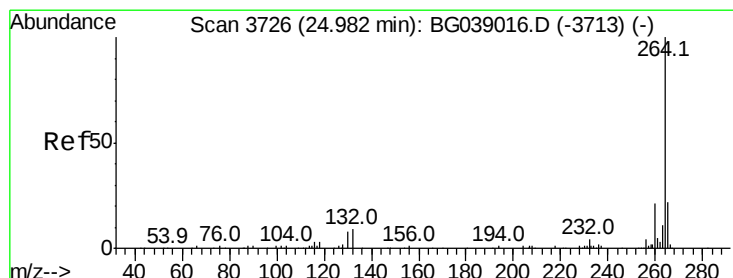
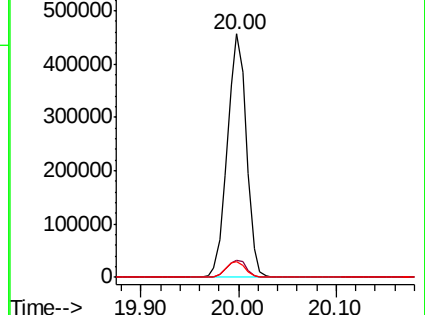
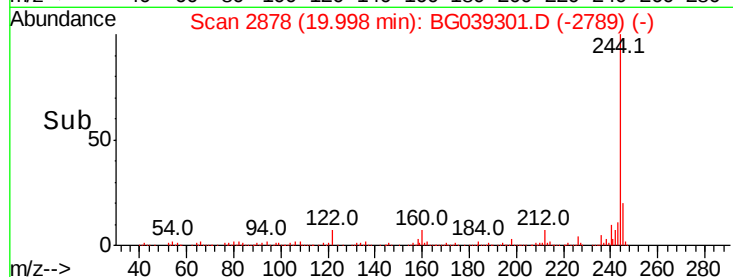
122 6.6 6.1 9.1



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: 24.92 min Scan# 3716

Delta R.T. -0.03 min

Lab File: BG039301.D

Acq: 26 Jan 2019 7:47

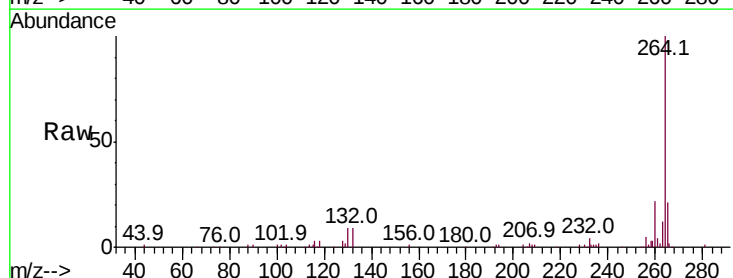
Tgt Ion:264 Resp: 128888

Ion Ratio Lower Upper

264 100

260 22.1 17.0 25.6

265 20.8 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

