

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039300.D
 Acq On : 26 Jan 2019 7:08
 Operator : JU/SJ
 Sample : K1238-40
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4

Quant Time: Jan 28 04:05:01 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	8.00	152	17209	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	68737	20.00	ng	-0.01
39) Acenaphthene-d10	14.64	164	45412	20.00	ng	-0.01
64) Phenanthrene-d10	17.39	188	126712	20.00	ng	-0.01
76) Chrysene-d12	21.67	240	129653	20.00	ng	-0.02
87) Perylene-d12	24.92	264	130157	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	136374	150.33	ng	0.00
7) Phenol-d6	7.16	99	171615	131.45	ng	-0.01
23) Nitrobenzene-d5	9.19	82	124353	98.99	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	104507	137.29	ng	-0.02
45) 2-Fluorobiphenyl	13.26	172	327467	98.69	ng	-0.01
79) Terphenyl-d14	20.00	244	727473	103.80	ng	-0.01

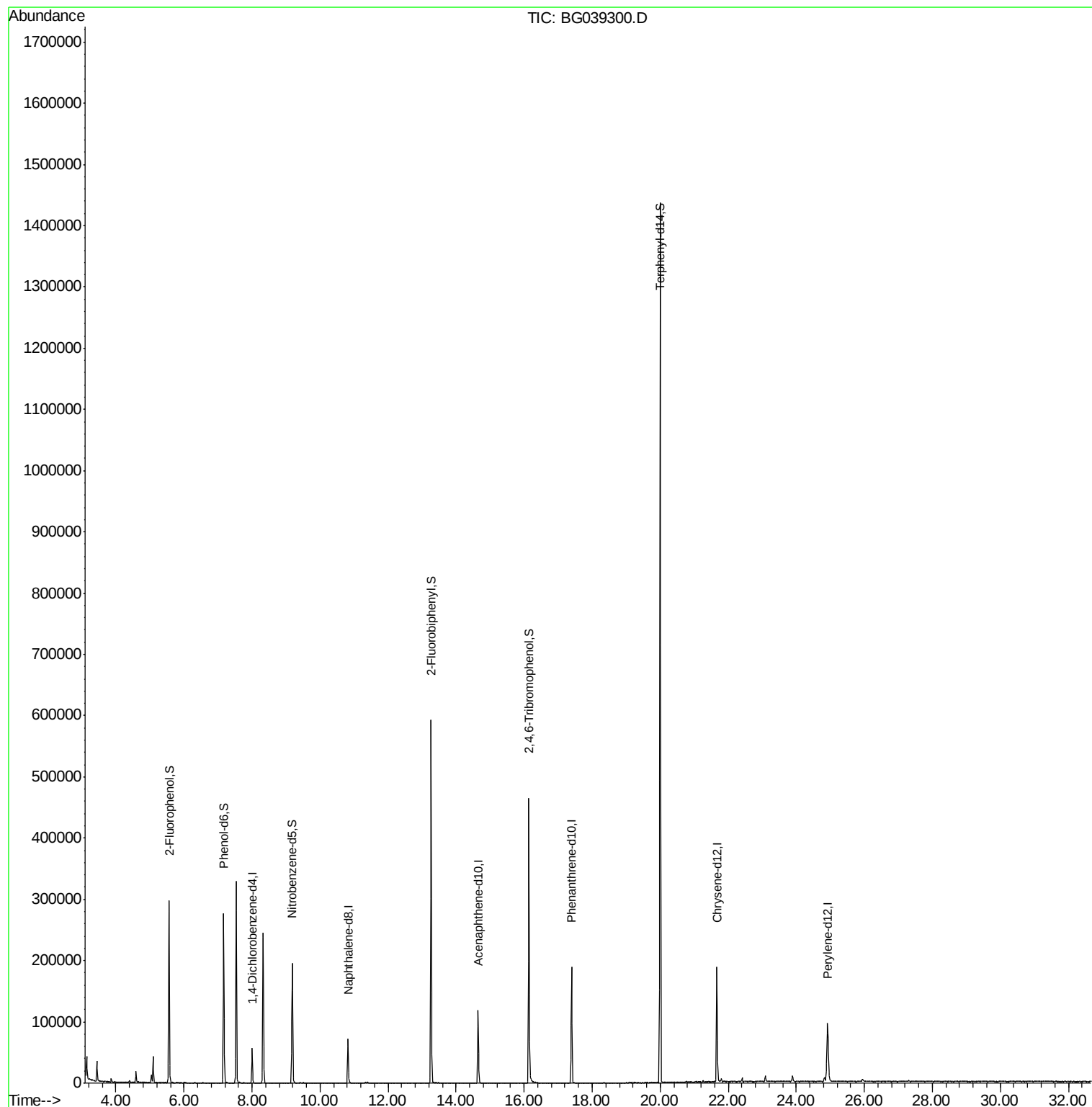
Target Compounds Qvalue

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

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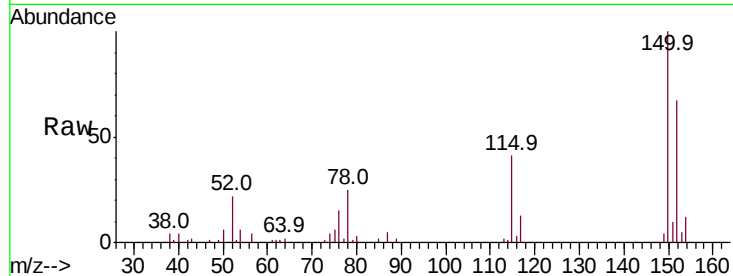


#1

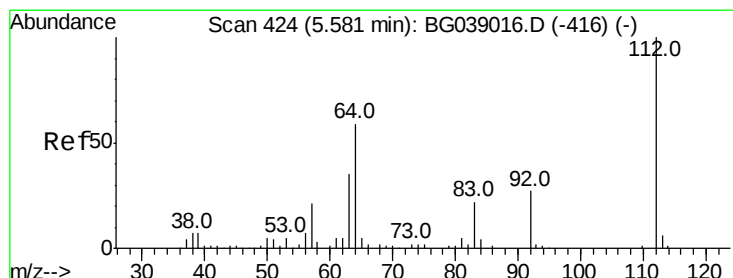
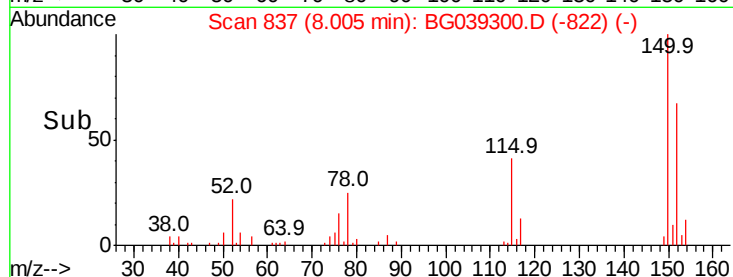
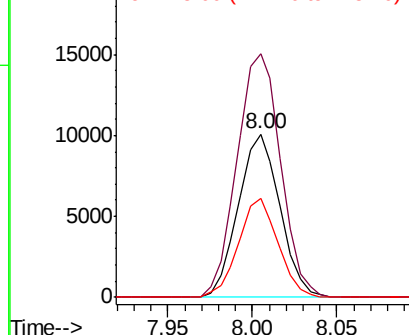
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039300.D
Acq: 26 Jan 2019 7:08

Instrument :
BNA_G
ClientSampled :
S4

Tot Ion:152 Resp: 17209
Ion Ratio Lower Upper
152 100
150 149.1 124.7 187.1
115 60.5 46.5 69.7



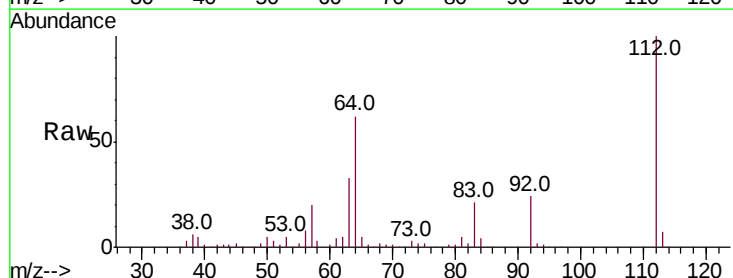
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



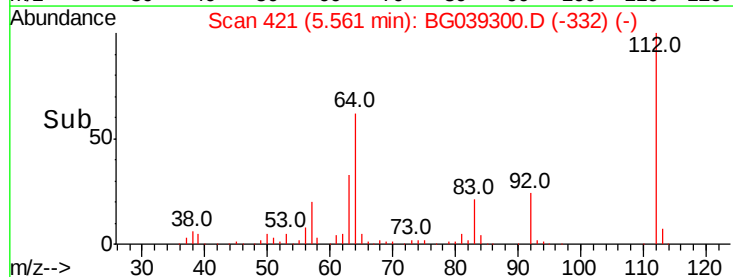
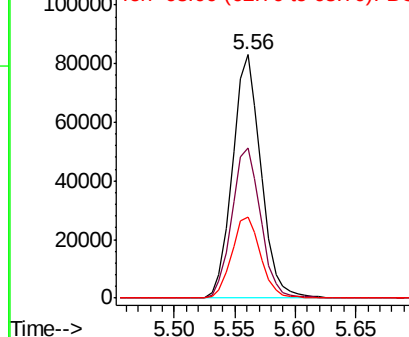
#5

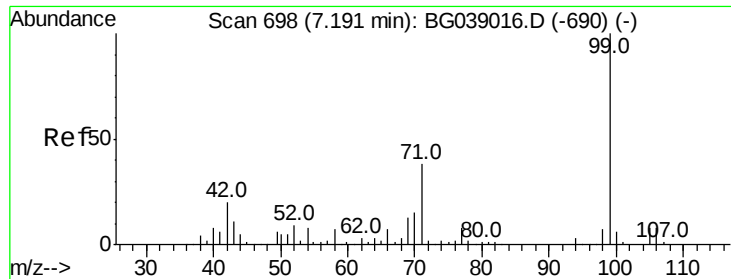
2-Fluorophenol
Concen: 150.328 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039300.D
Acq: 26 Jan 2019 7:08

Tgt Ion:112 Resp: 136374
Ion Ratio Lower Upper
112 100
64 61.7 47.0 70.6
63 33.1 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: 131.451 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039300.D

Acq: 26 Jan 2019 7:08

Instrument :

BNA_G

ClientSampleId :

S4

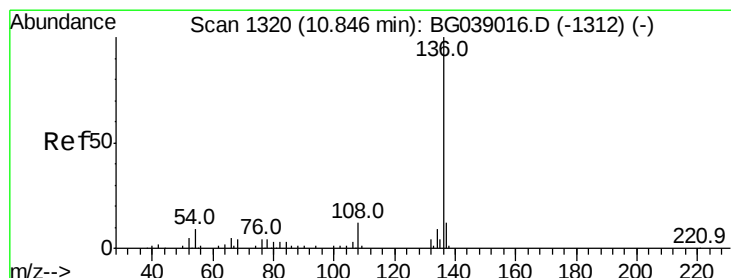
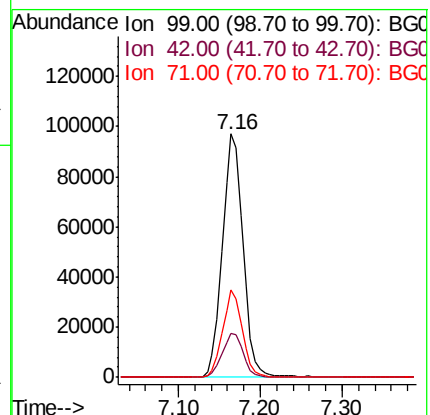
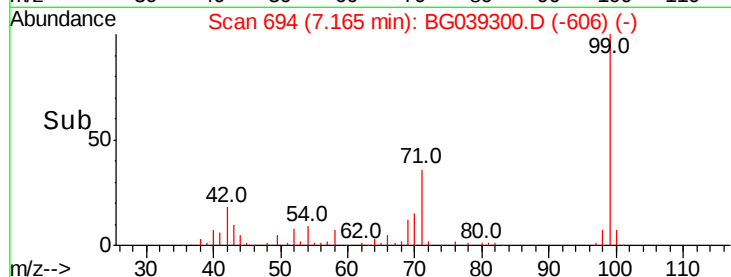
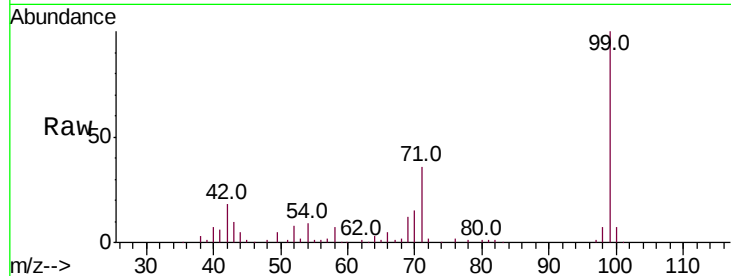
Tot Ion: 99 Resp: 171615

Ion Ratio Lower Upper

99 100

42 17.9 15.8 23.6

71 35.7 30.2 45.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG039300.D

Acq: 26 Jan 2019 7:08

Tgt Ion: 136 Resp: 68737

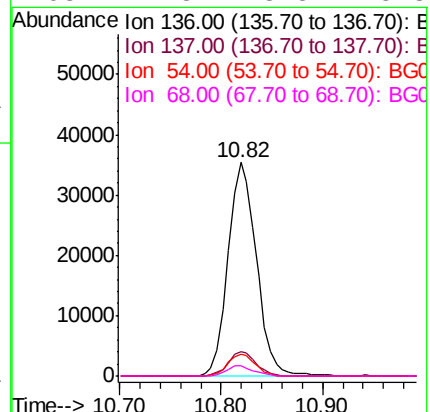
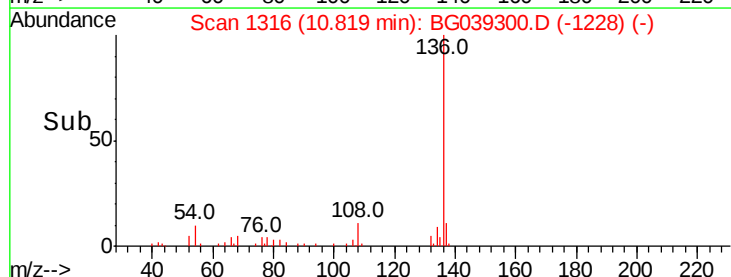
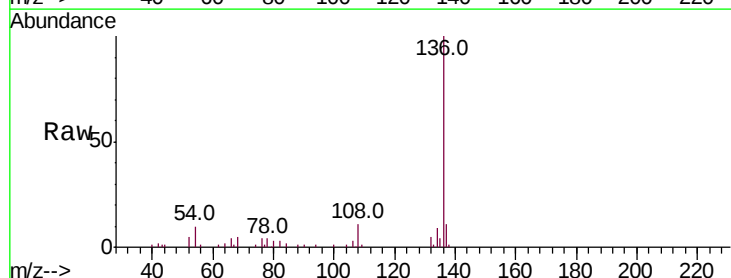
Ion Ratio Lower Upper

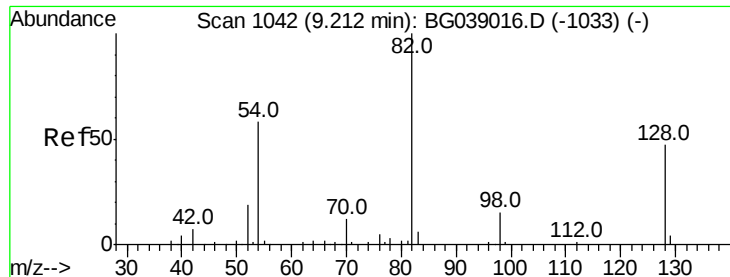
136 100

137 11.3 9.4 14.2

54 10.4 7.2 10.8

68 4.8 3.5 5.3

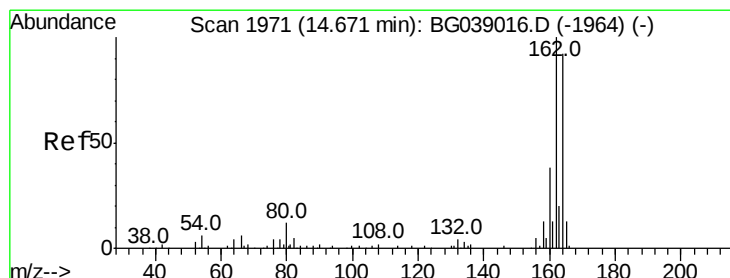
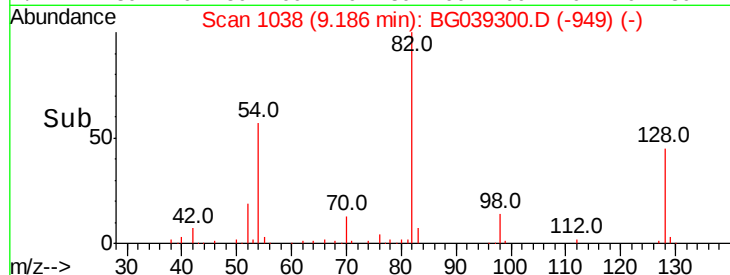
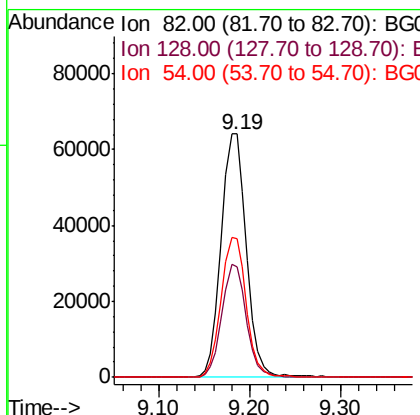
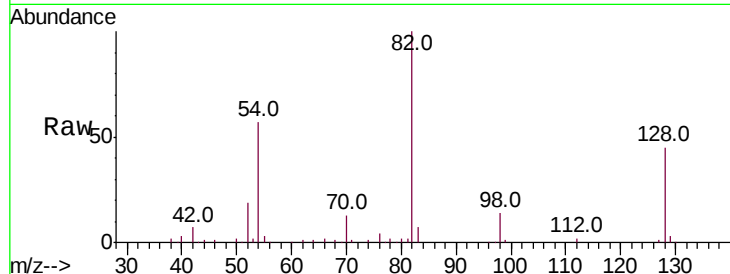




#23
Nitrobenzene-d5
Concen: 98.994 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039300.D
Acq: 26 Jan 2019 7:08

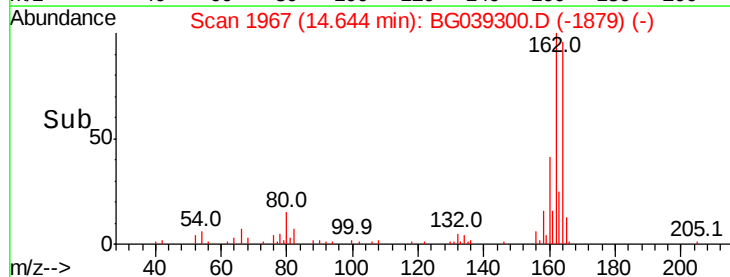
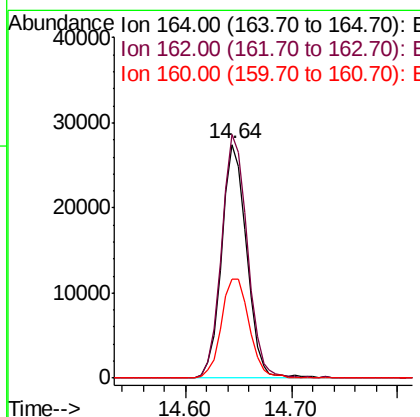
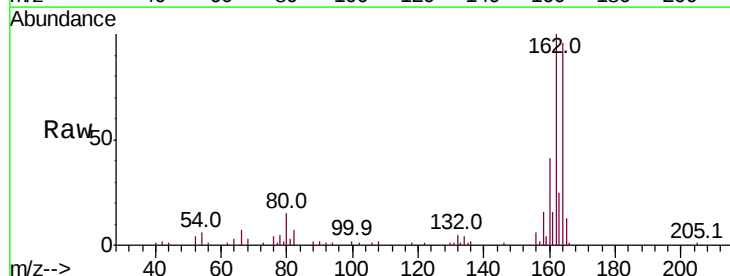
Instrument :
BNA_G
ClientSampled :
S4

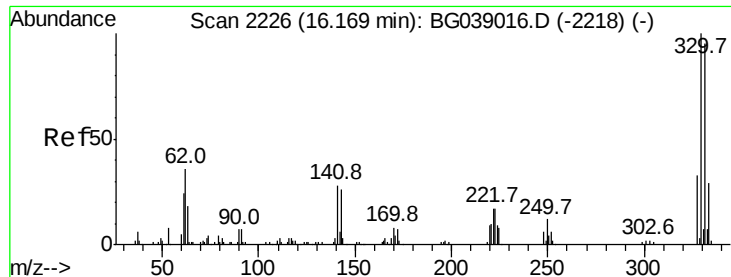
Tot Ion: 82 Resp: 124353
Ion Ratio Lower Upper
82 100
128 45.3 37.3 55.9
54 56.9 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG039300.D
Acq: 26 Jan 2019 7:08

Tgt Ion: 164 Resp: 45412
Ion Ratio Lower Upper
164 100
162 104.2 87.2 130.8
160 42.4 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 137.287 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BG039300.D

Acq: 26 Jan 2019 7:08

Instrument :

BNA_G

ClientSampleId :

S4

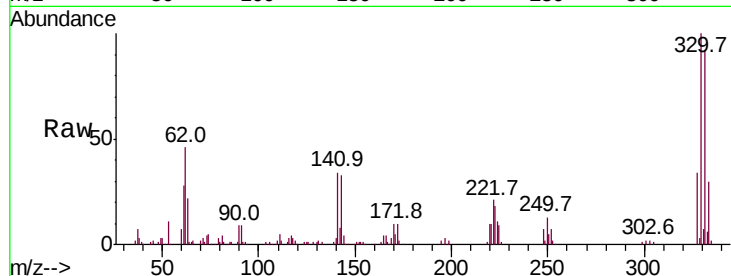
Tot Ion:330 Resp: 104507

Ion Ratio Lower Upper

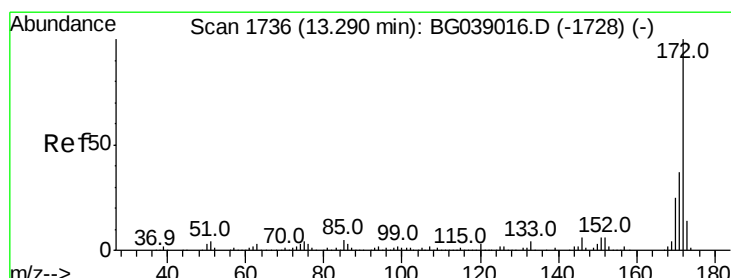
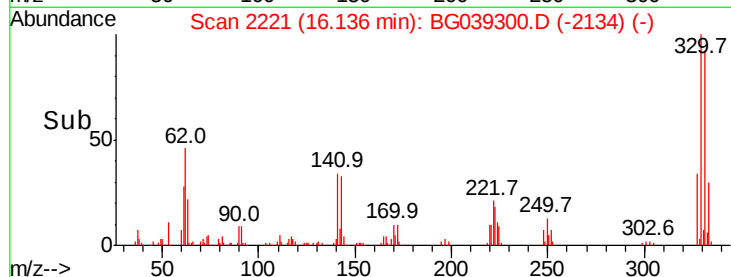
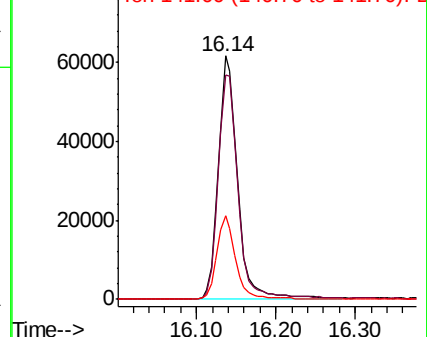
330 100

332 95.8 75.7 113.5

141 33.6 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: 98.687 ng

RT: 13.26 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG039300.D

Acq: 26 Jan 2019 7:08

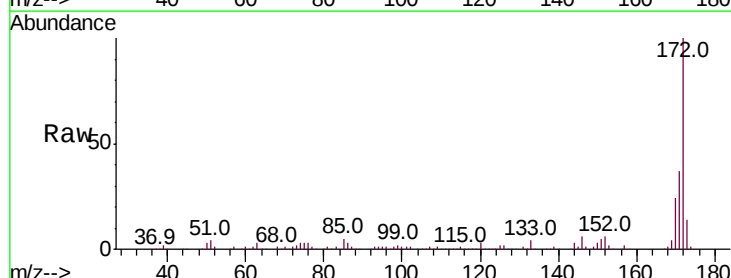
Tgt Ion:172 Resp: 327467

Ion Ratio Lower Upper

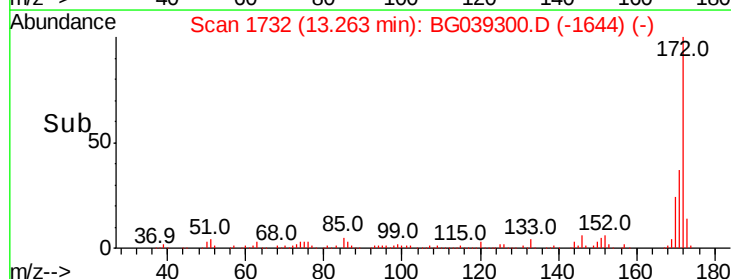
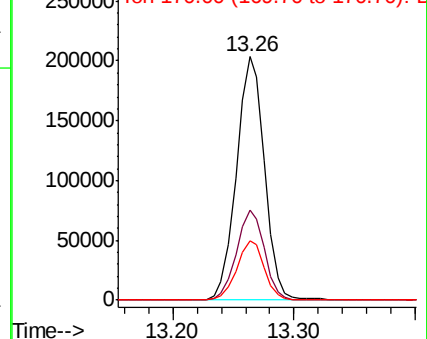
172 100

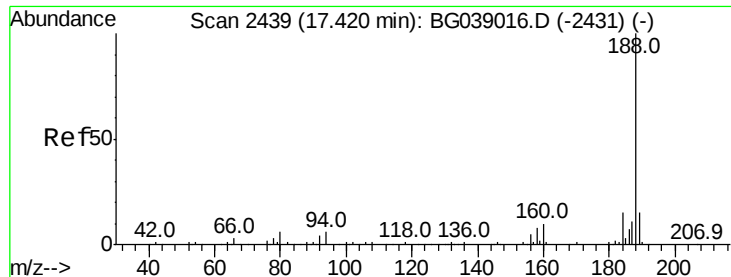
171 36.7 29.4 44.0

170 24.3 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: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039300.D

Acq: 26 Jan 2019 7:08

Instrument :

BNA_G

ClientSampled :

S4

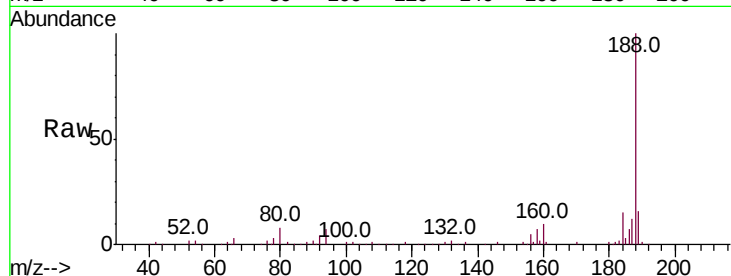
Tot Ion:188 Resp: 126712

Ion Ratio Lower Upper

188 100

94 7.2 5.0 7.4

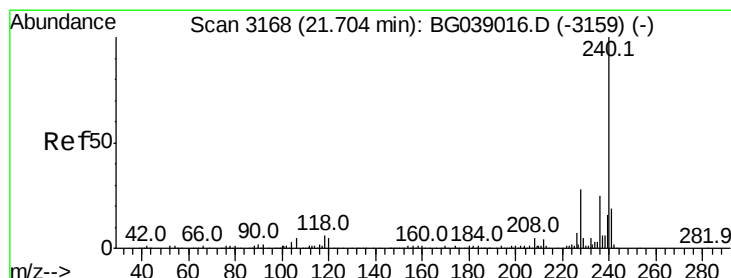
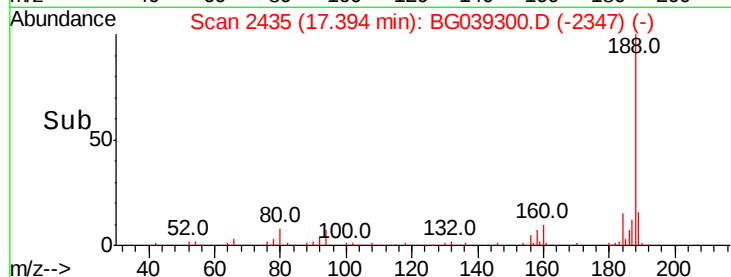
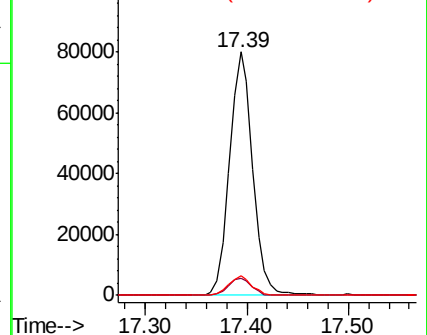
80 8.0 4.7 7.1#



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: 21.67 min Scan# 3162

Delta R.T. -0.02 min

Lab File: BG039300.D

Acq: 26 Jan 2019 7:08

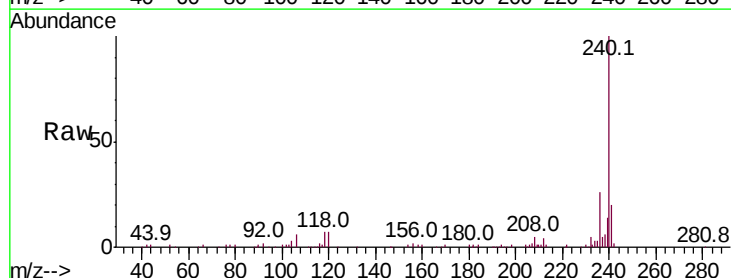
Tgt Ion:240 Resp: 129653

Ion Ratio Lower Upper

240 100

120 7.2 4.3 6.5#

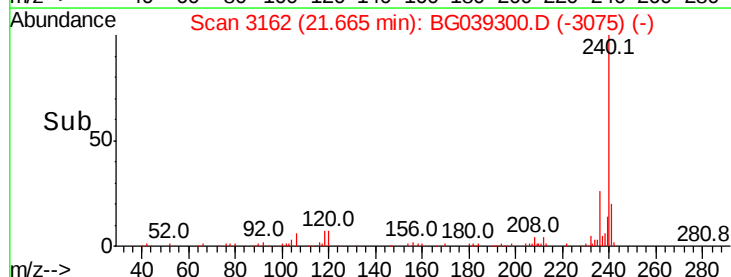
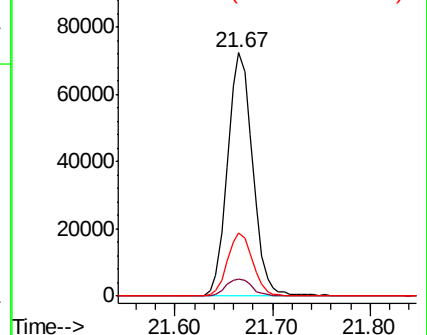
236 26.2 20.1 30.1

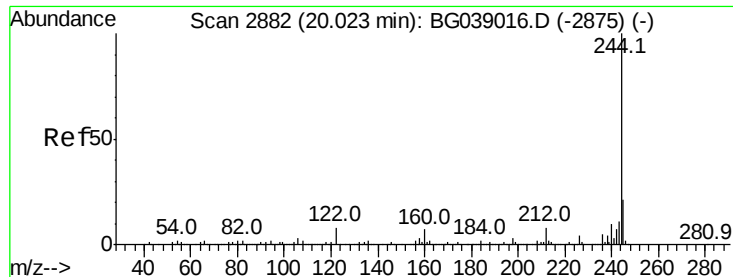


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 103.796 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039300.D

Acq: 26 Jan 2019 7:08

Instrument :

BNA_G

ClientSampleId :

S4

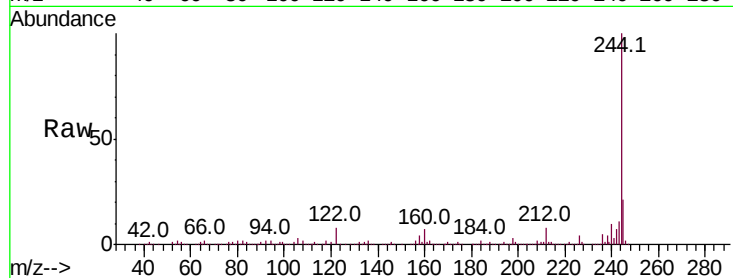
Tot Ion:244 Resp: 727473

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

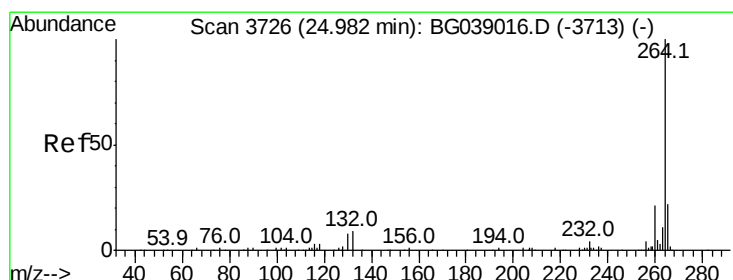
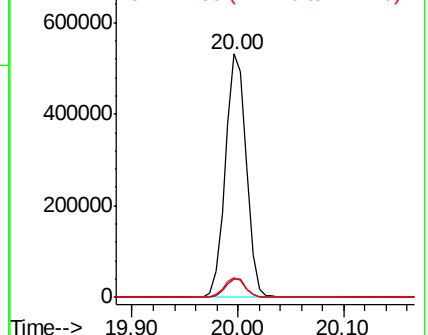
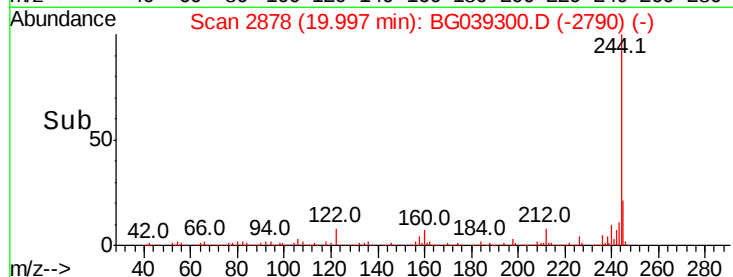
122 8.1 6.1 9.1



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: BG039300.D

Acq: 26 Jan 2019 7:08

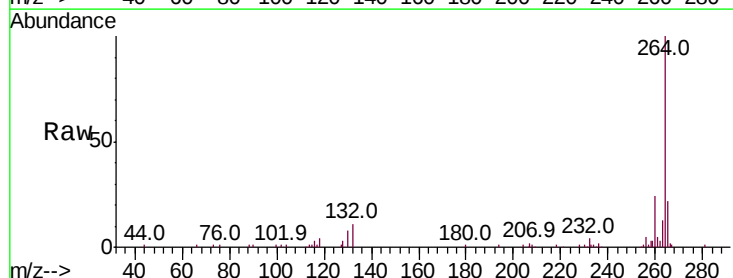
Tgt Ion:264 Resp: 130157

Ion Ratio Lower Upper

264 100

260 24.0 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

