

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039281.D
 Acq On : 25 Jan 2019 16:42
 Operator : JU/SJ
 Sample : PB116613BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116613BL

Quant Time: Jan 28 03:23:48 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	12133	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	47832	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	33445	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	93285	20.00	ng	0.00
76) Chrysene-d12	21.67	240	139207	20.00	ng	-0.01
87) Perylene-d12	24.93	264	141842	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	91439	142.96	ng	0.00
7) Phenol-d6	7.17	99	165586	179.89	ng	0.00
23) Nitrobenzene-d5	9.18	82	71621	81.93	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	67939	121.18	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	213652	87.43	ng	0.00
79) Terphenyl-d14	20.00	244	522927	69.49	ng	0.00

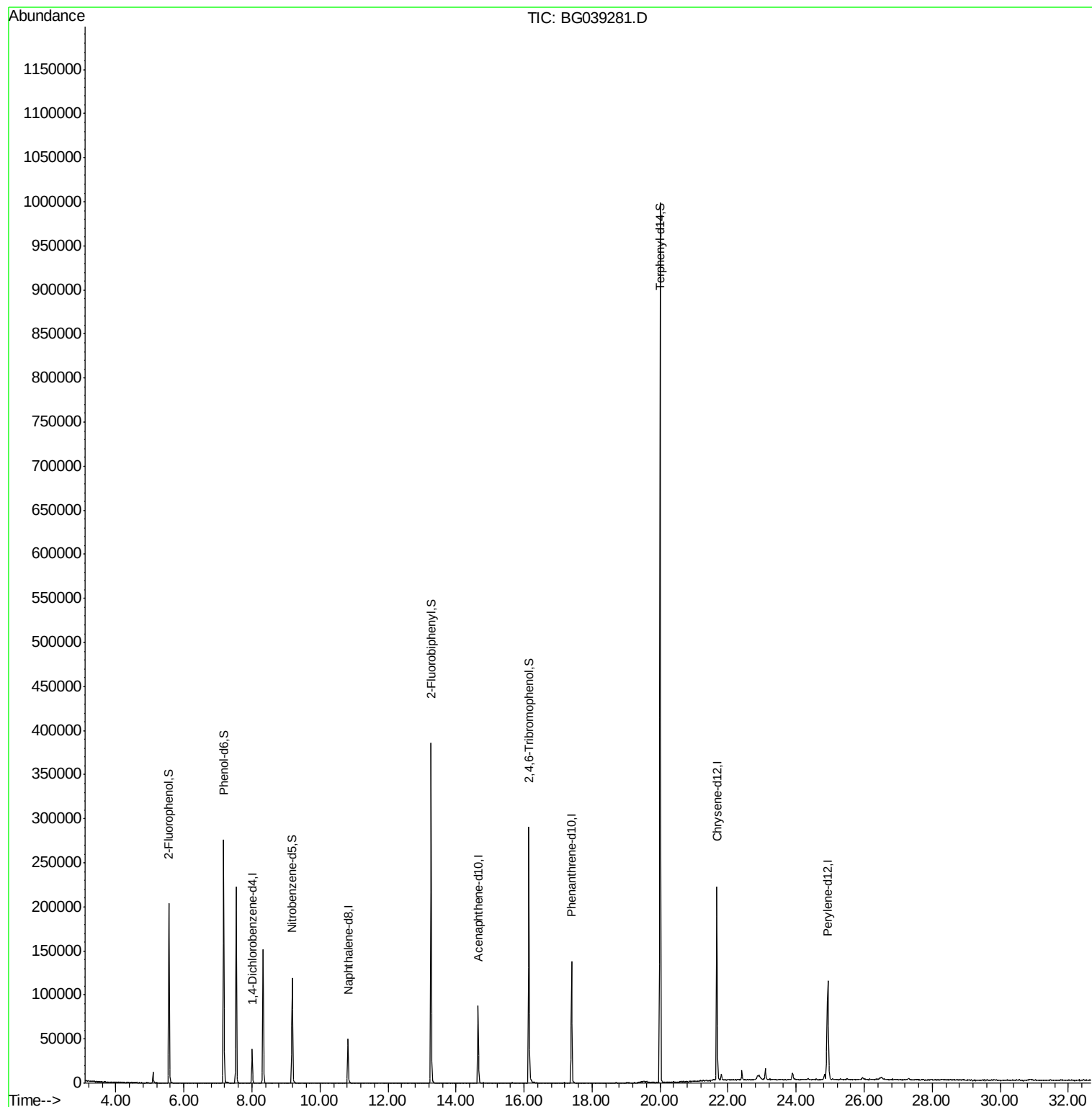
Target Compounds	Qvalue

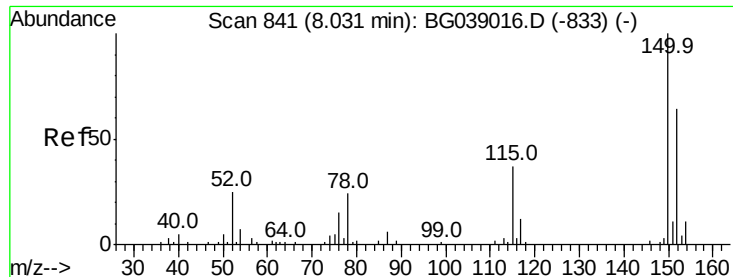
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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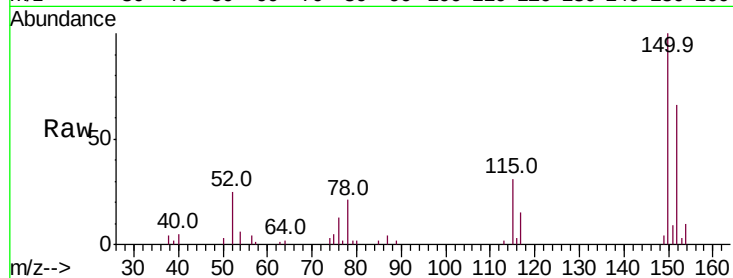


#1

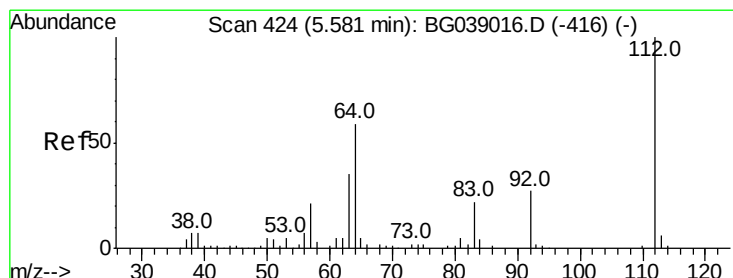
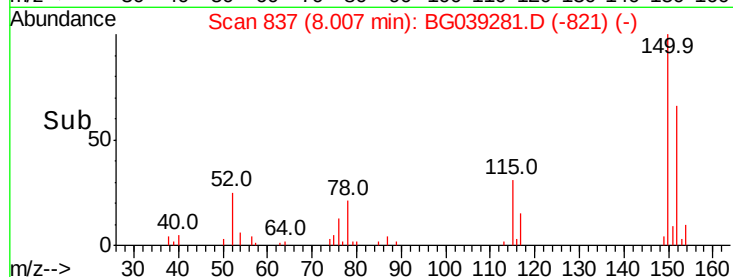
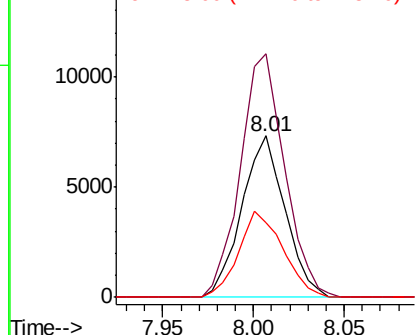
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039281.D
Acq: 25 Jan 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PB116613BL

Tot Ion:152 Resp: 12133
Ion Ratio Lower Upper
152 100
150 150.8 124.7 187.1
115 46.3 46.5 69.7#



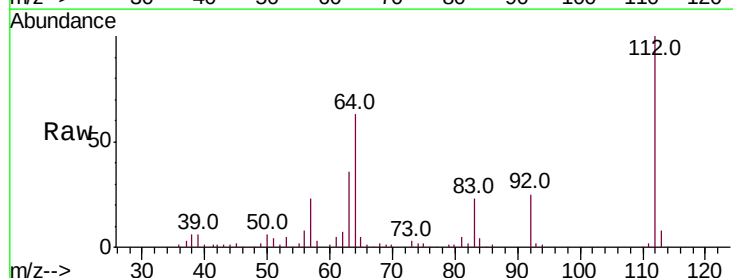
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



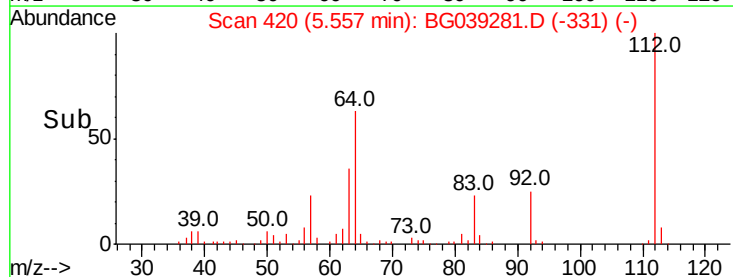
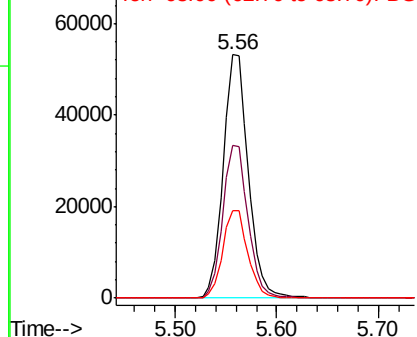
#5

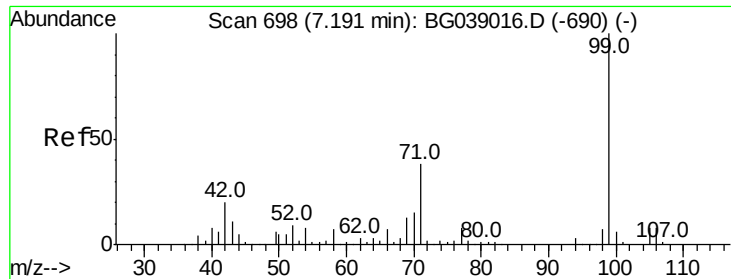
2-Fluorophenol
Concen: 142.964 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG039281.D
Acq: 25 Jan 2019 16:42

Tgt Ion:112 Resp: 91439
Ion Ratio Lower Upper
112 100
64 63.0 47.0 70.6
63 35.9 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: 179.895 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039281.D

Acq: 25 Jan 2019 16:42

Instrument :

BNA_G

ClientSampleId :

PB116613BL

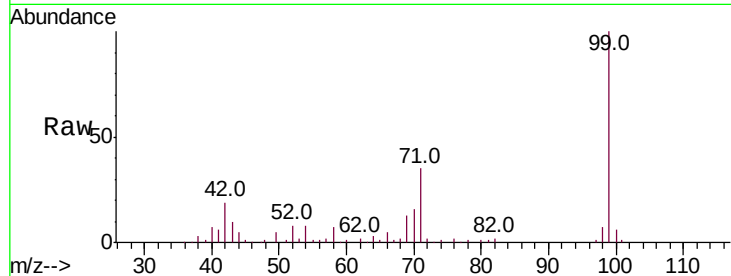
Tot Ion: 99 Resp: 165586

Ion Ratio Lower Upper

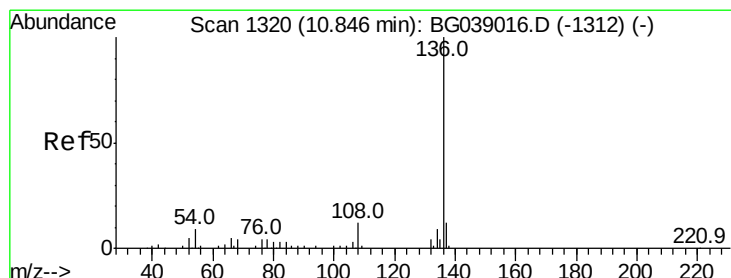
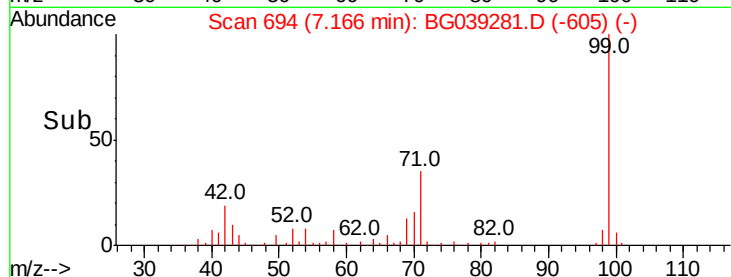
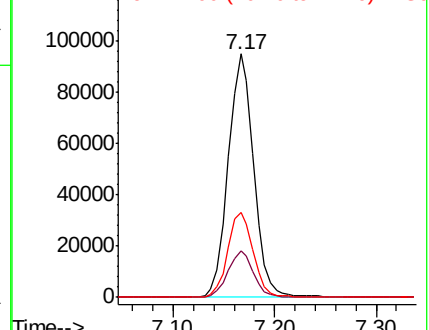
99 100

42 19.1 15.8 23.6

71 35.0 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: BG039281.D

Acq: 25 Jan 2019 16:42

Tgt Ion: 136 Resp: 47832

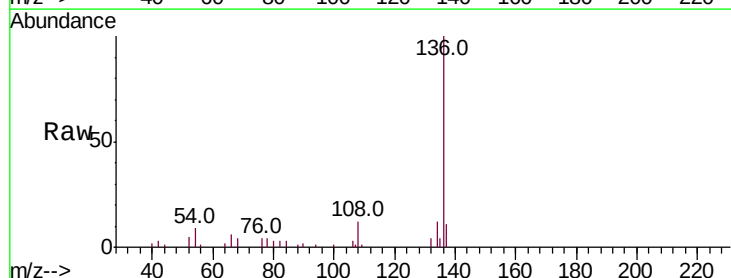
Ion Ratio Lower Upper

136 100

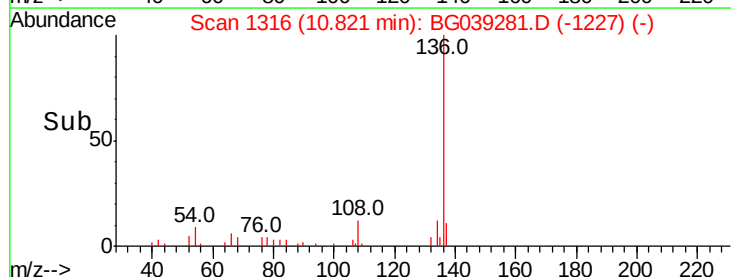
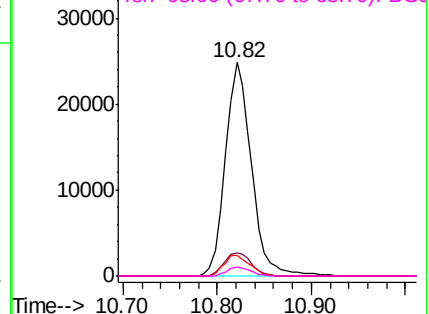
137 10.9 9.4 14.2

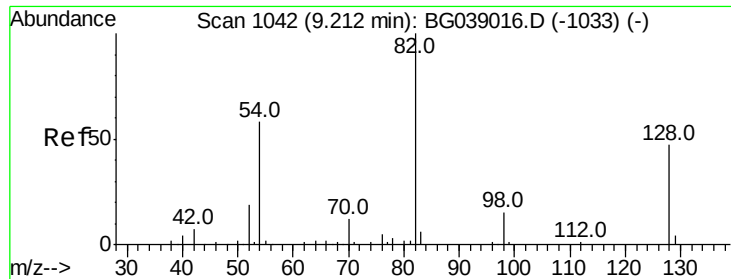
54 9.5 7.2 10.8

68 4.1 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

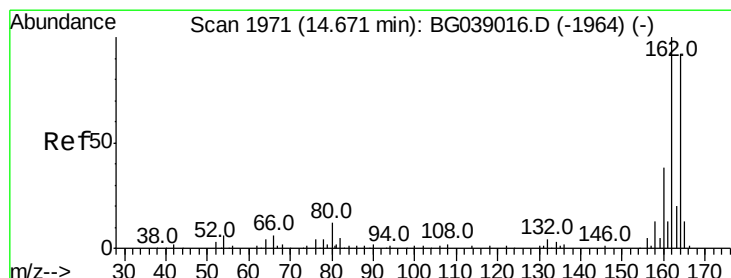
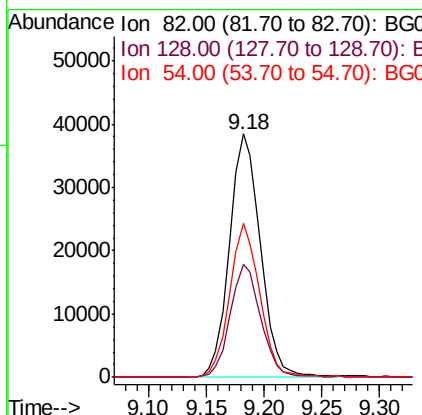
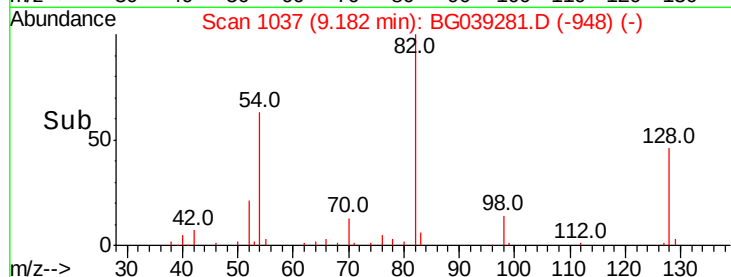
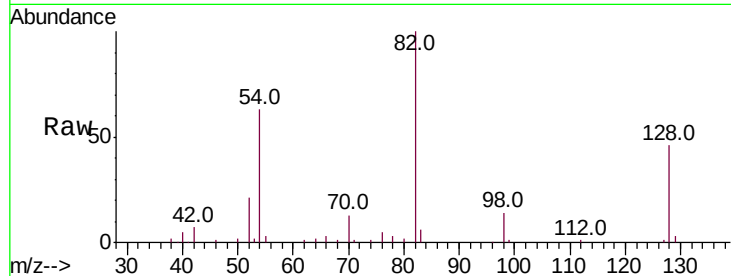




#23
Nitrobenzene-d5
Concen: 81.934 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039281.D
Acq: 25 Jan 2019 16:42

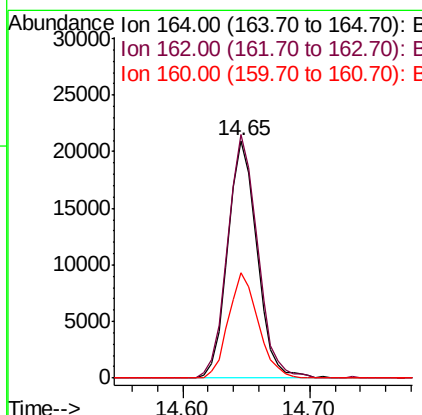
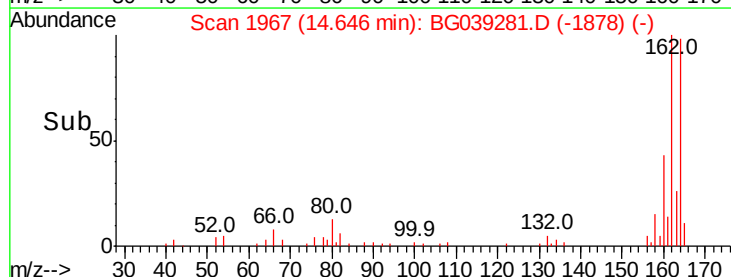
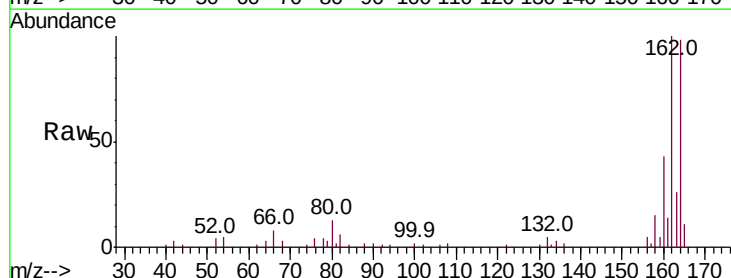
Instrument :
BNA_G
ClientSampleID :
PB116613BL

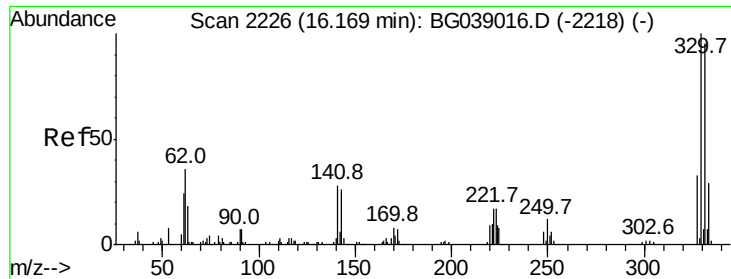
Tot Ion: 82 Resp: 71621
Ion Ratio Lower Upper
82 100
128 46.3 37.3 55.9
54 63.4 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG039281.D
Acq: 25 Jan 2019 16:42

Tgt Ion: 164 Resp: 33445
Ion Ratio Lower Upper
164 100
162 102.4 87.2 130.8
160 44.4 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 121.183 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG039281.D

Acq: 25 Jan 2019 16:42

Instrument :

BNA_G

ClientSampleId :

PB116613BL

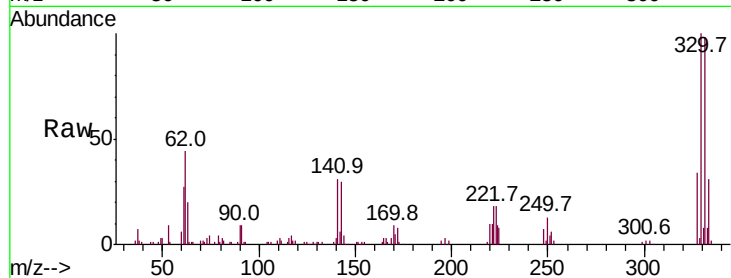
Tot Ion:330 Resp: 67939

Ion Ratio Lower Upper

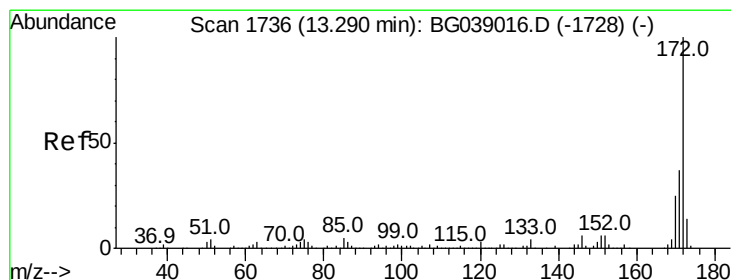
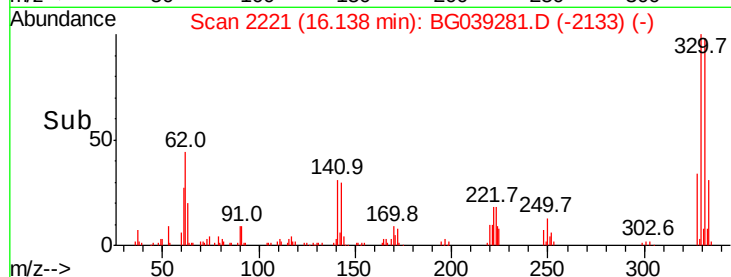
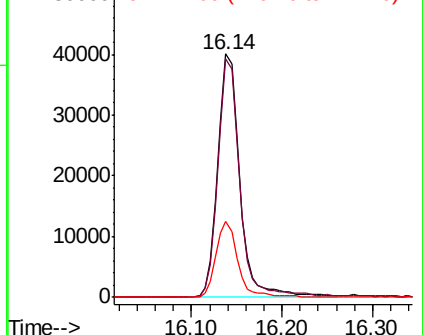
330 100

332 96.5 75.7 113.5

141 30.6 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: 87.426 ng

RT: 13.27 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG039281.D

Acq: 25 Jan 2019 16:42

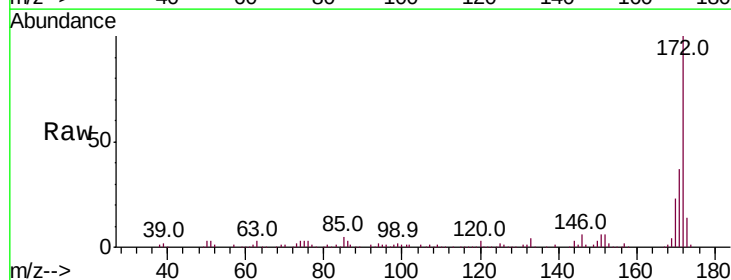
Tgt Ion:172 Resp: 213652

Ion Ratio Lower Upper

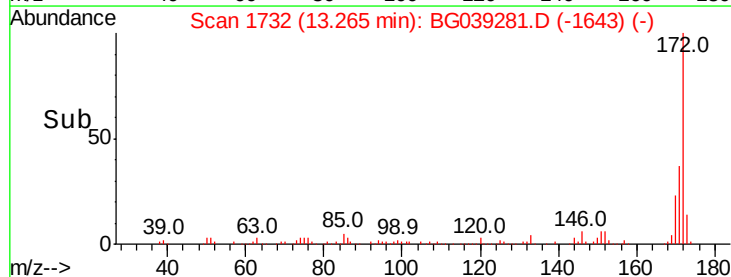
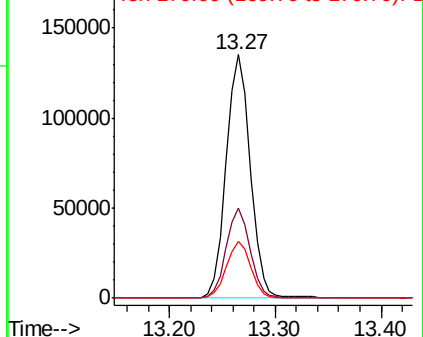
172 100

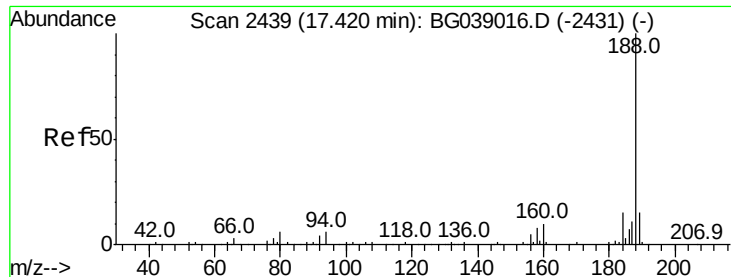
171 36.9 29.4 44.0

170 23.2 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: BG039281.D

Acq: 25 Jan 2019 16:42

Instrument :

BNA_G

ClientSampleId :

PB116613BL

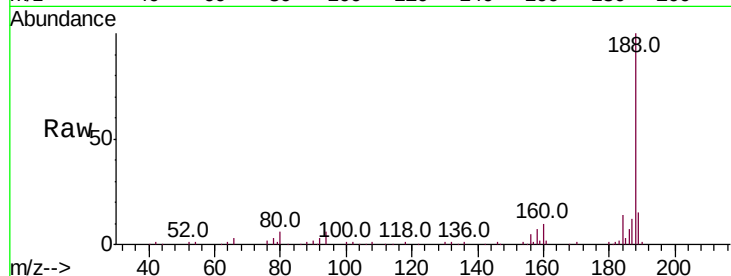
Tot Ion:188 Resp: 93285

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

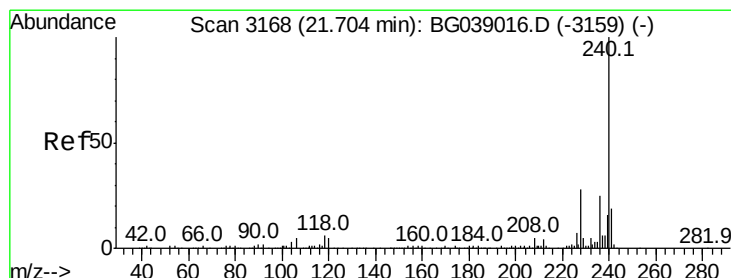
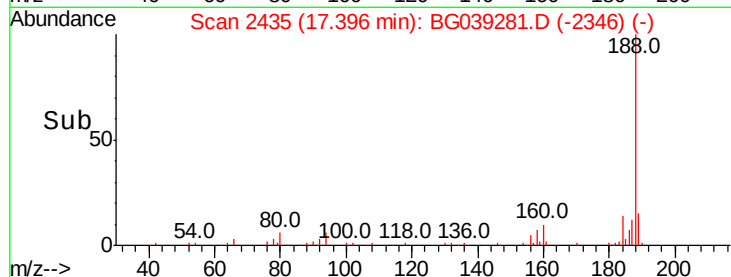
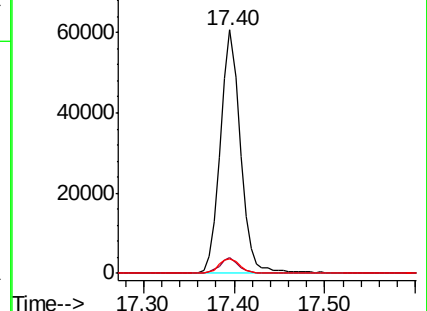
80 6.0 4.7 7.1



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: BG039281.D

Acq: 25 Jan 2019 16:42

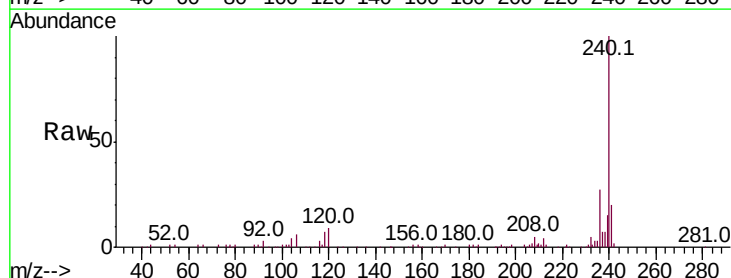
Tgt Ion:240 Resp: 139207

Ion Ratio Lower Upper

240 100

120 8.5 4.3 6.5#

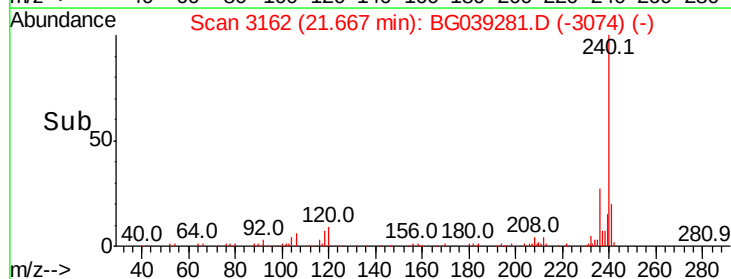
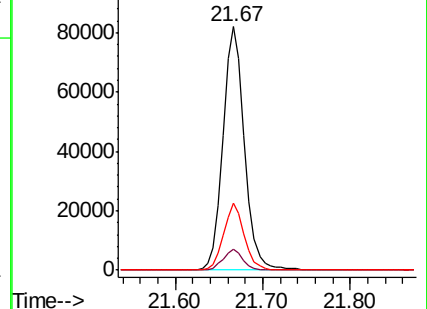
236 27.4 20.1 30.1

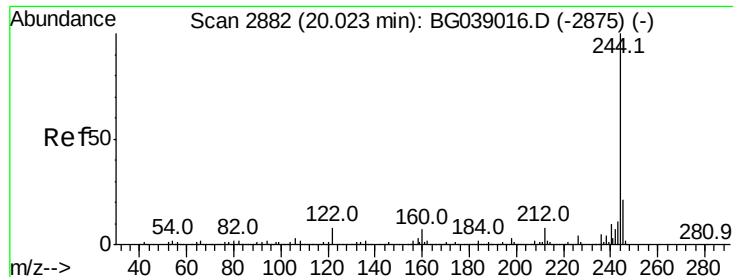


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.491 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039281.D

Acq: 25 Jan 2019 16:42

Instrument :

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ClientSampleId :

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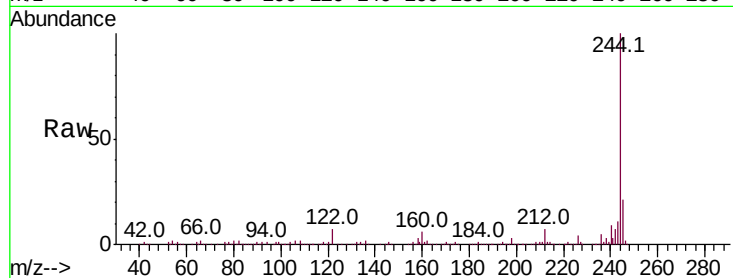
Tot Ion:244 Resp: 522927

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

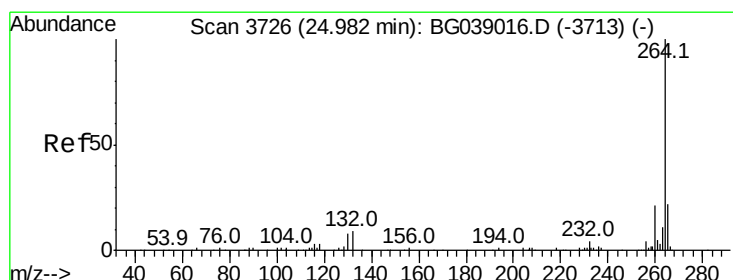
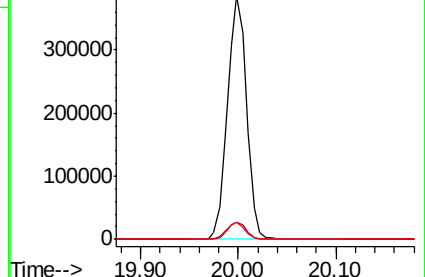
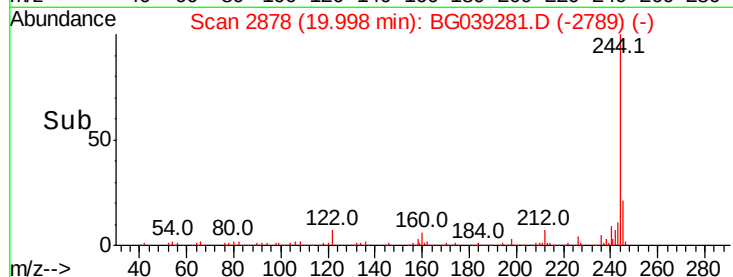
122 6.8 6.1 9.1



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: 24.93 min Scan# 3717

Delta R.T. -0.02 min

Lab File: BG039281.D

Acq: 25 Jan 2019 16:42

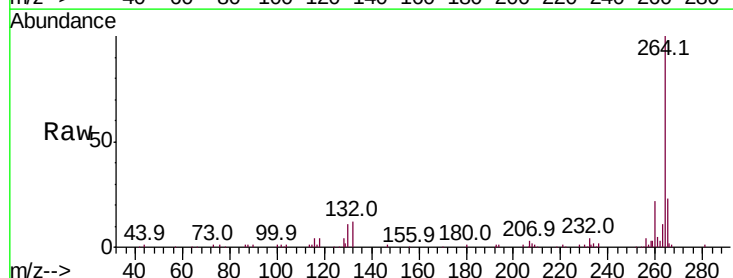
Tgt Ion:264 Resp: 141842

Ion Ratio Lower Upper

264 100

260 22.2 17.0 25.6

265 22.9 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

