

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039303.D
 Acq On : 26 Jan 2019 9:06
 Operator : JU/SJ
 Sample : K1229-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 012319-TIPC-F-D-S

Quant Time: Jan 28 04:07:38 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	14370	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	60377	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	43577	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	120972	20.00	ng	0.00
76) Chrysene-d12	21.67	240	129619	20.00	ng	-0.02
87) Perylene-d12	24.91	264	131618	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	40429	53.37	ng	0.00
7) Phenol-d6	7.17	99	36563	33.54	ng	0.00
23) Nitrobenzene-d5	9.18	82	93448	84.69	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	58325	79.85	ng	-0.02
45) 2-Fluorobiphenyl	13.26	172	271587	85.29	ng	0.00
79) Terphenyl-d14	20.00	244	514361	73.41	ng	0.00

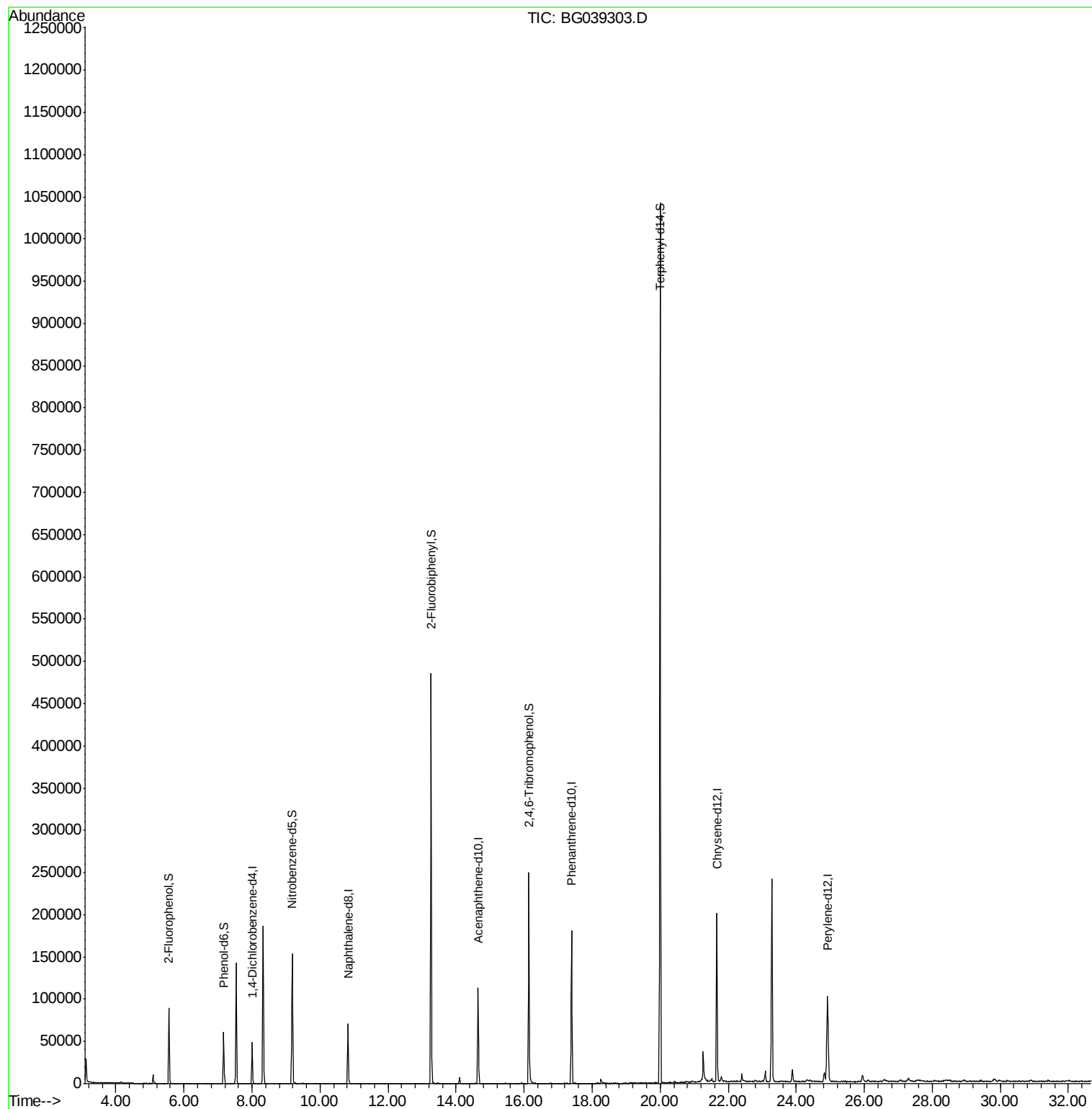
Target Compounds Qvalue

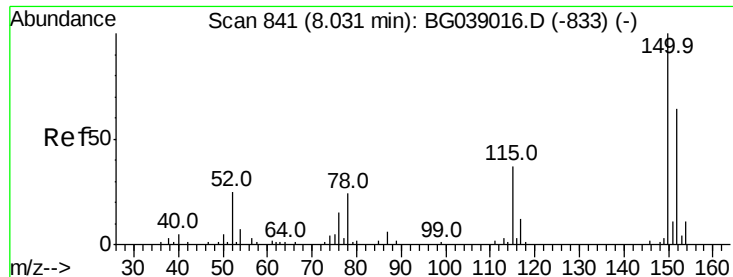
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG039303.D

Acq: 26 Jan 2019 9:06

Instrument :

BNA_G

ClientSampleId :

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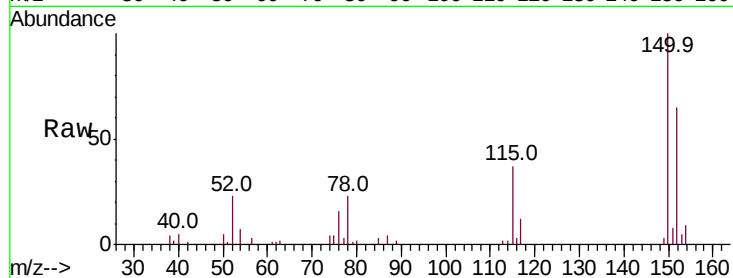
Tot Ion:152 Resp: 14370

Ion Ratio Lower Upper

152 100

150 154.6 124.7 187.1

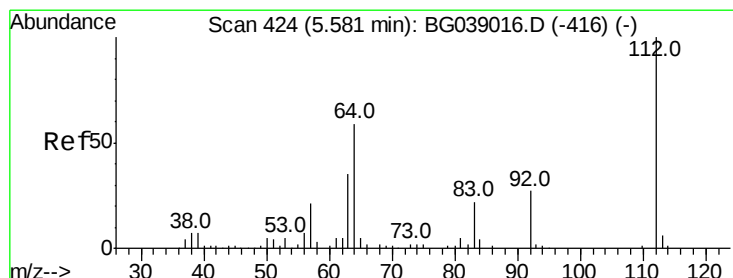
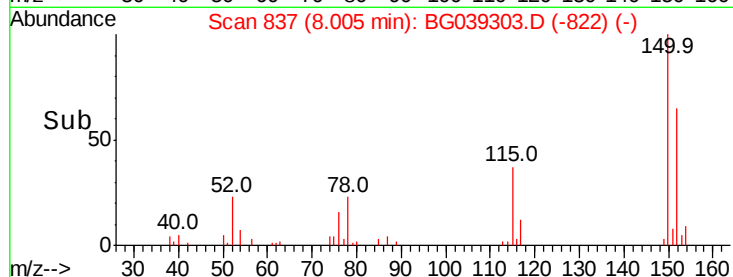
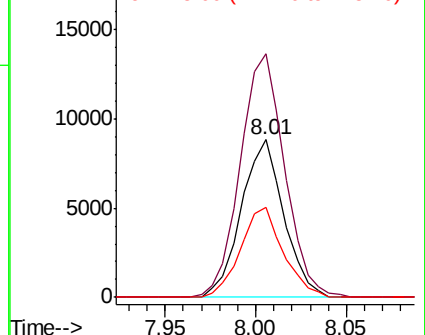
115 56.8 46.5 69.7



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: 53.370 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039303.D

Acq: 26 Jan 2019 9:06

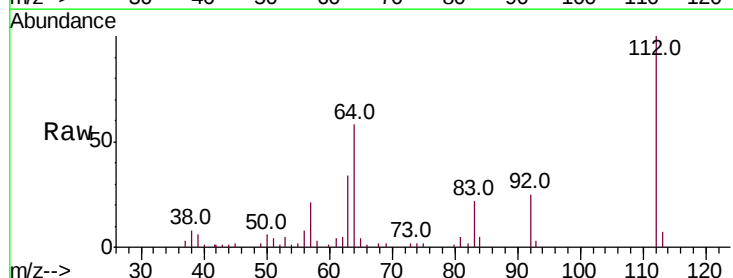
Tgt Ion:112 Resp: 40429

Ion Ratio Lower Upper

112 100

64 57.8 47.0 70.6

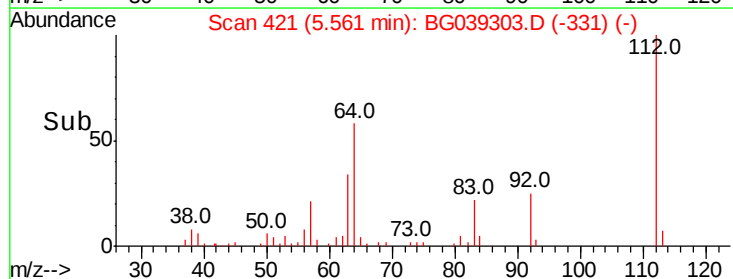
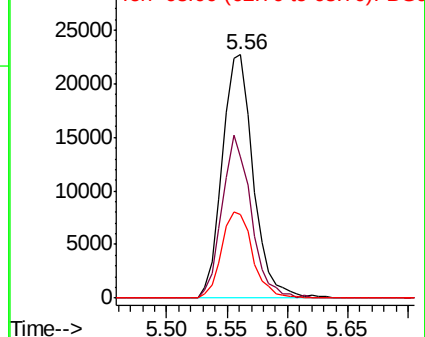
63 34.5 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 33.539 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039303.D

Acq: 26 Jan 2019 9:06

Instrument :

BNA_G

ClientSampleId :

012319-TIPC-F-D-S

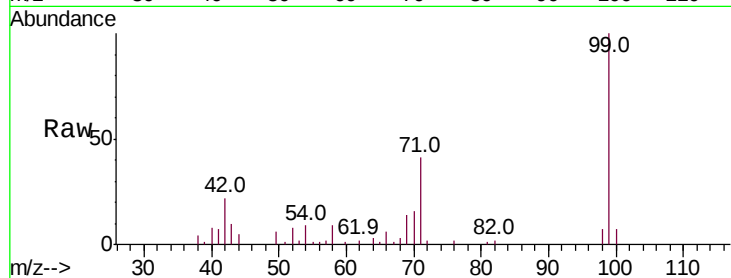
Tot Ion: 99 Resp: 36563

Ion Ratio Lower Upper

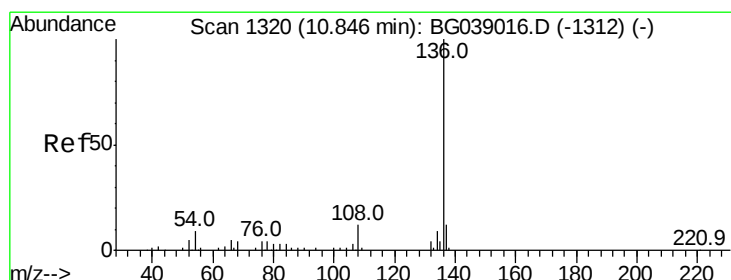
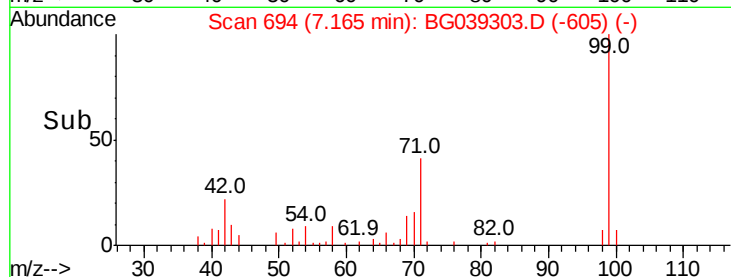
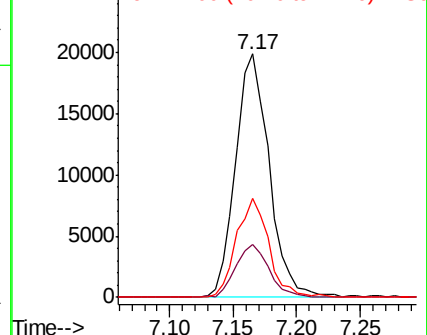
99 100

42 21.6 15.8 23.6

71 40.8 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: BG039303.D

Acq: 26 Jan 2019 9:06

Tgt Ion: 136 Resp: 60377

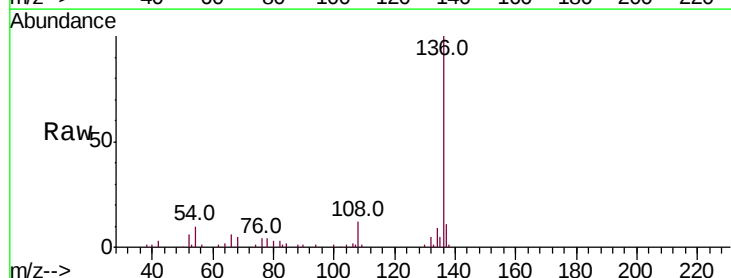
Ion Ratio Lower Upper

136 100

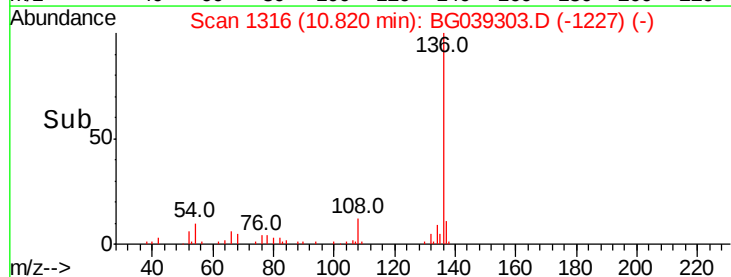
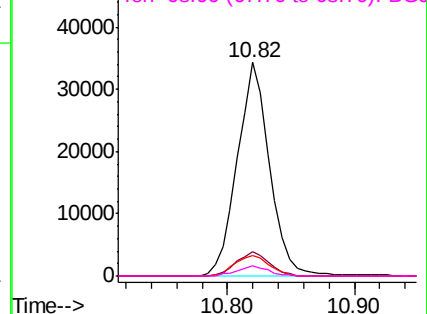
137 11.4 9.4 14.2

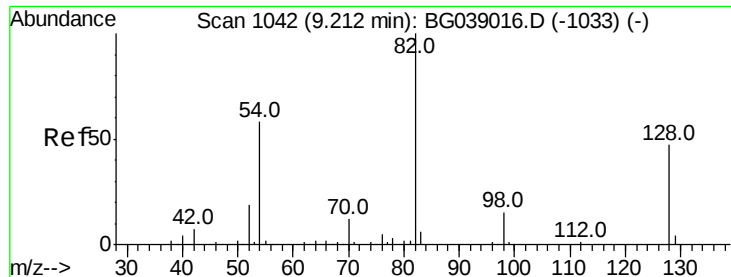
54 9.6 7.2 10.8

68 5.1 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

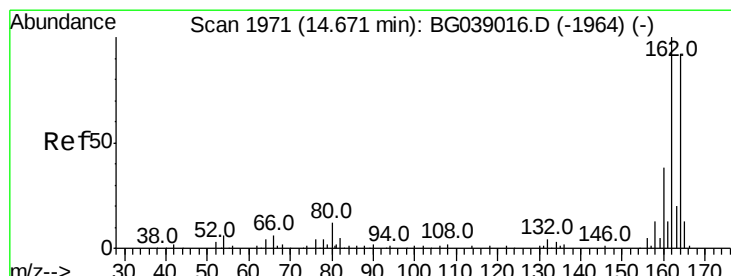
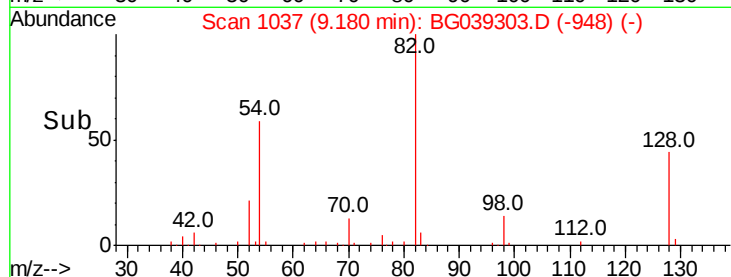
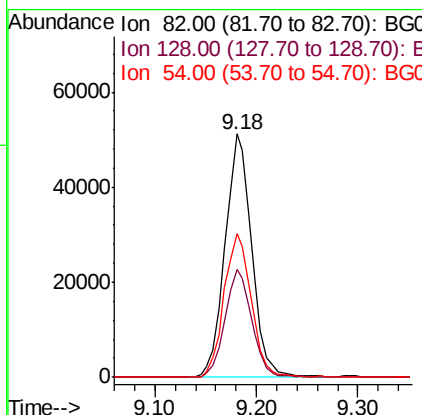
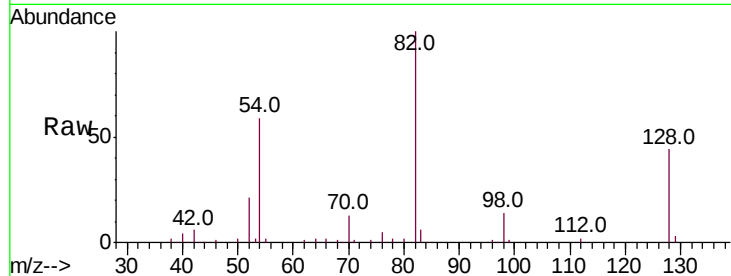




#23
Nitrobenzene-d5
Concen: 84.692 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039303.D
Acq: 26 Jan 2019 9:06

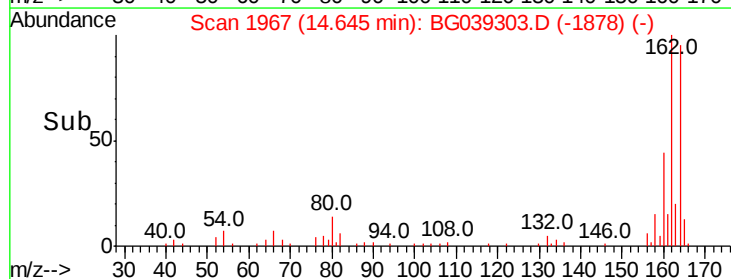
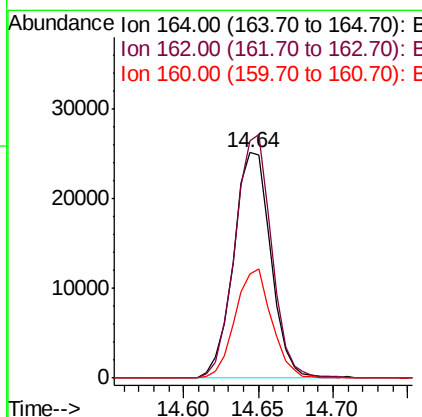
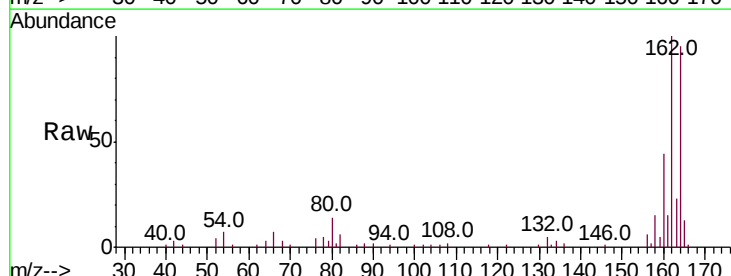
Instrument :
BNA_G
ClientSampleId :
012319-TIPC-F-D-S

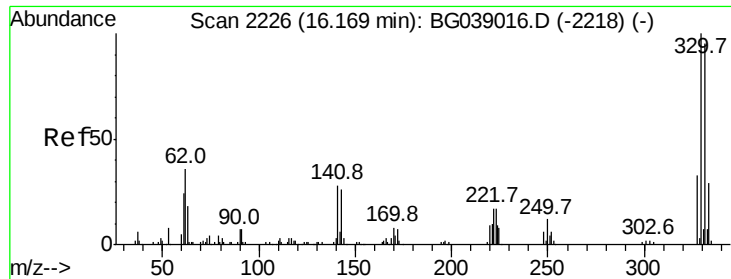
Tot Ion: 82 Resp: 93448
Ion Ratio Lower Upper
82 100
128 44.4 37.3 55.9
54 59.0 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG039303.D
Acq: 26 Jan 2019 9:06

Tgt Ion: 164 Resp: 43577
Ion Ratio Lower Upper
164 100
162 105.1 87.2 130.8
160 46.2 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 79.846 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BG039303.D

Acq: 26 Jan 2019 9:06

Instrument :

BNA_G

ClientSampleId :

012319-TIPC-F-D-S

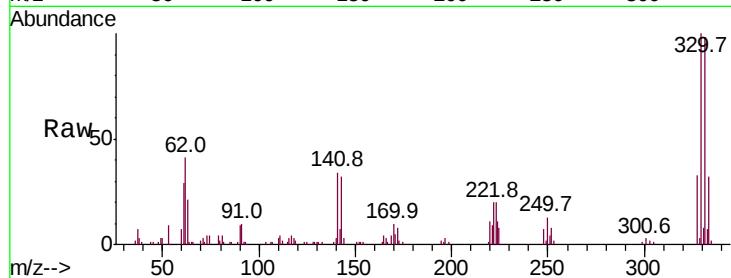
Tot Ion:330 Resp: 58325

Ion Ratio Lower Upper

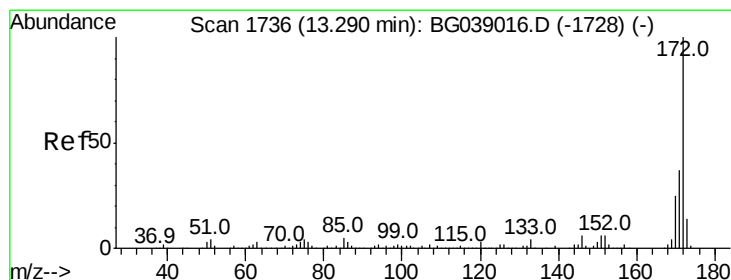
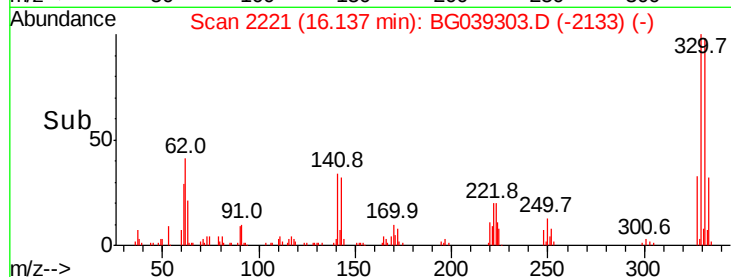
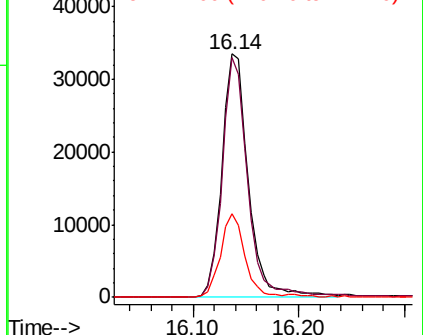
330 100

332 95.2 75.7 113.5

141 31.6 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: 85.294 ng

RT: 13.26 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG039303.D

Acq: 26 Jan 2019 9:06

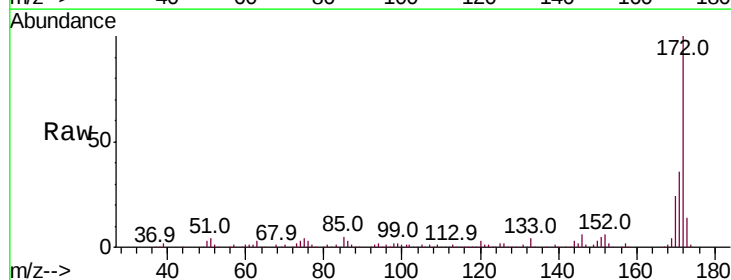
Tgt Ion:172 Resp: 271587

Ion Ratio Lower Upper

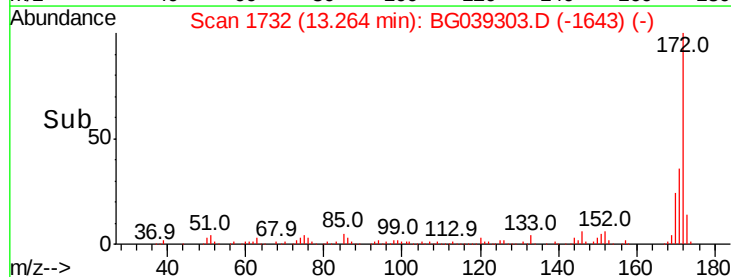
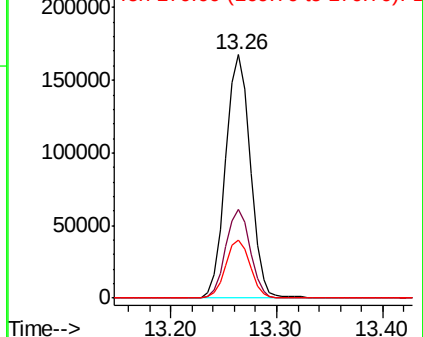
172 100

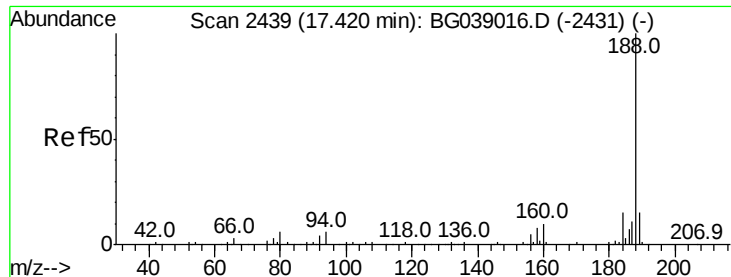
171 36.4 29.4 44.0

170 23.7 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: BG039303.D

Acq: 26 Jan 2019 9:06

Instrument :

BNA_G

ClientSampleId :

012319-TIPC-F-D-S

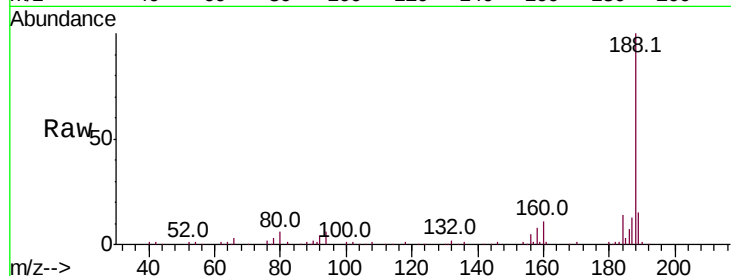
Tot Ion:188 Resp: 120972

Ion Ratio Lower Upper

188 100

94 5.7 5.0 7.4

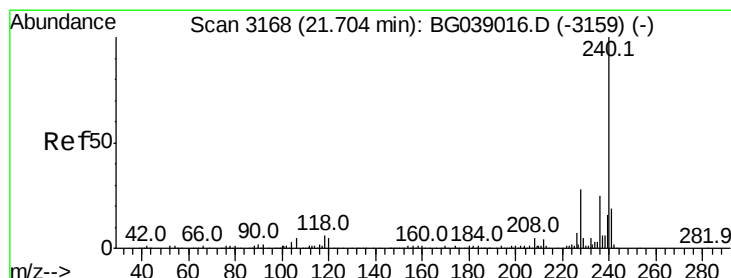
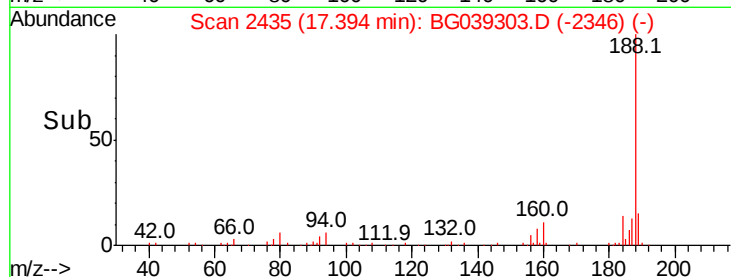
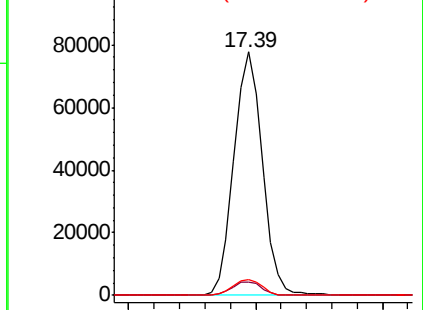
80 6.5 4.7 7.1



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. -0.02 min

Lab File: BG039303.D

Acq: 26 Jan 2019 9:06

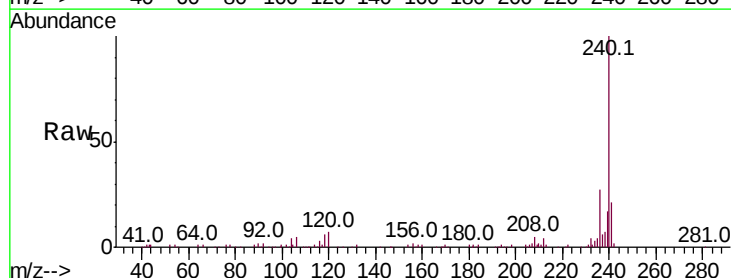
Tgt Ion:240 Resp: 129619

Ion Ratio Lower Upper

240 100

120 6.9 4.3 6.5#

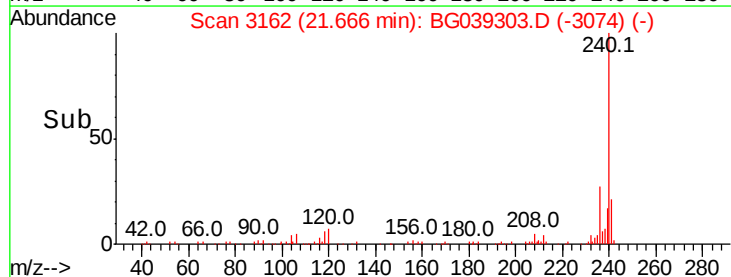
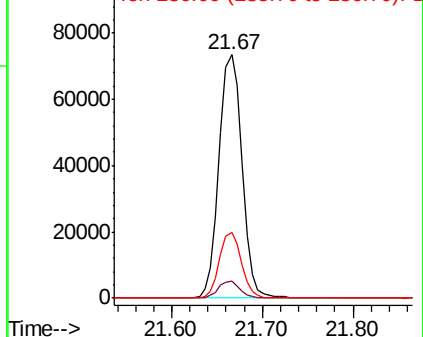
236 27.0 20.1 30.1

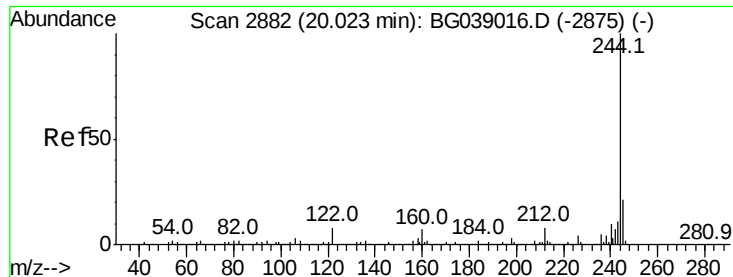


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.408 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039303.D

Acq: 26 Jan 2019 9:06

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ClientSampleId :

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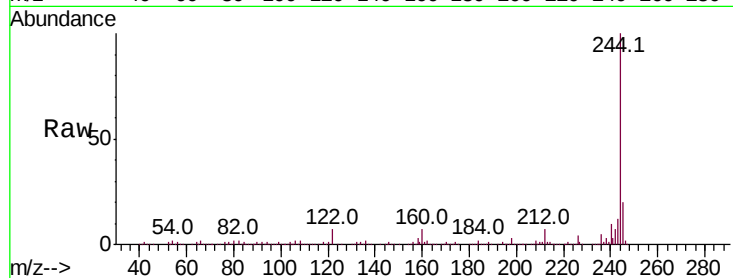
Tot Ion:244 Resp: 514361

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

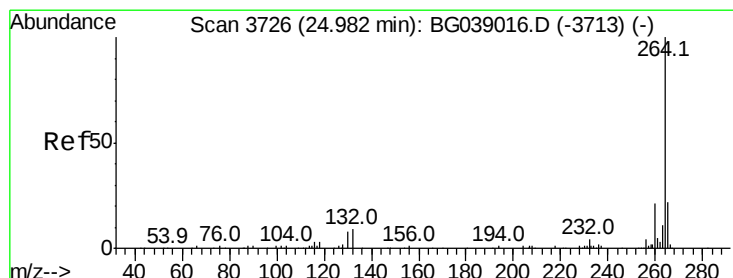
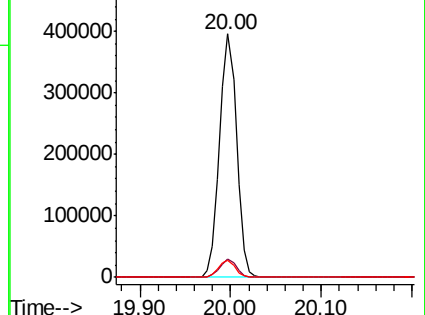
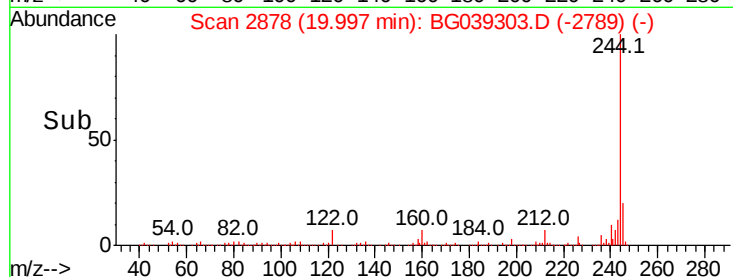
122 6.9 6.1 9.1



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

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG039303.D

Acq: 26 Jan 2019 9:06

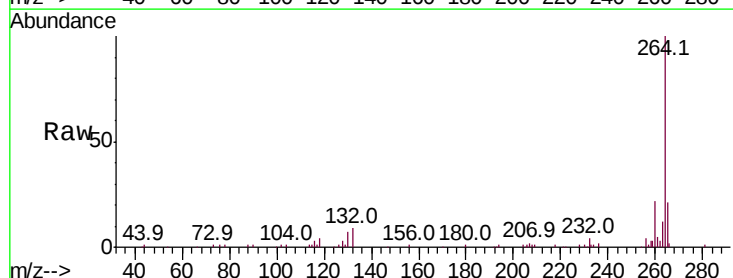
Tgt Ion:264 Resp: 131618

Ion Ratio Lower Upper

264 100

260 22.4 17.0 25.6

265 20.9 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

