

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021519\
 Data File : BG039535.D
 Acq On : 16 Feb 2019 00:00
 Operator : JU/SJ
 Sample : PB117145BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117145BL

Quant Time: Feb 16 03:39:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	46374	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	225793	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	183800	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	450530	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	438024	20.00	ng	-0.02
87) Perylene-d12	25.21	264	424047	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	452095	166.85	ng	0.00
7) Phenol-d6	7.32	99	697923	174.99	ng	0.00
23) Nitrobenzene-d5	9.35	82	389320	107.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	251141	126.89	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1077399	84.09	ng	-0.02
79) Terphenyl-d14	20.13	244	1666323	80.52	ng	-0.02

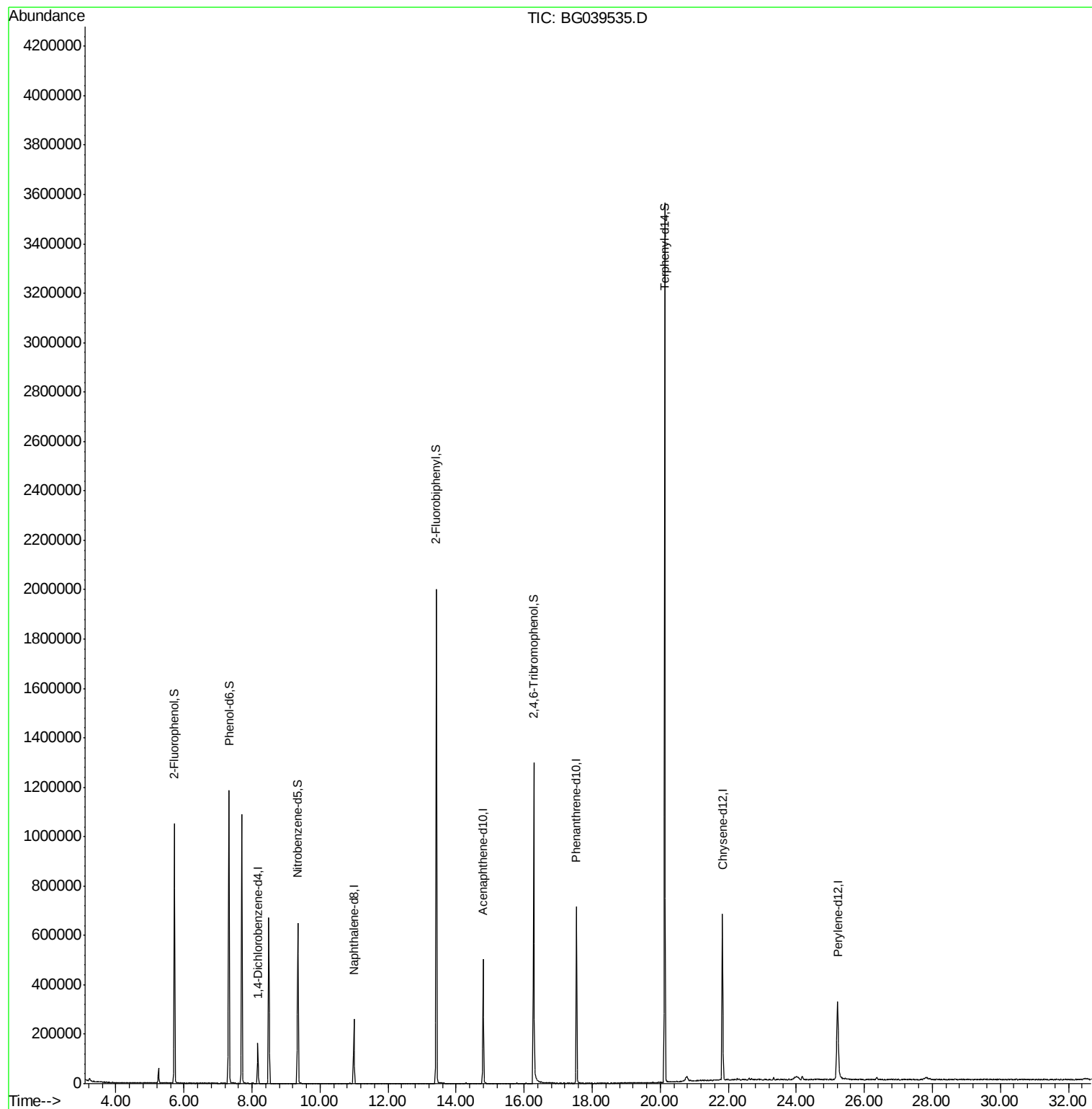
Target Compounds Qvalue

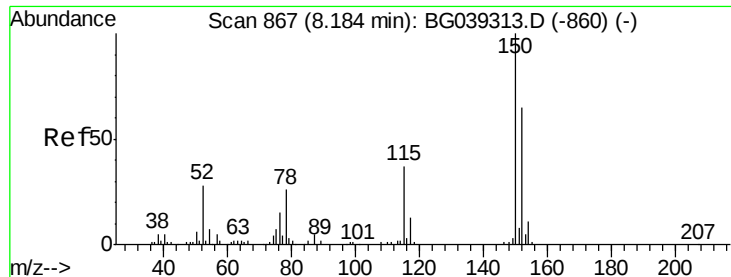
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG039535.D

Acq: 16 Feb 2019 00:00

Instrument :

BNA_G

ClientSampleId :

PB117145BL

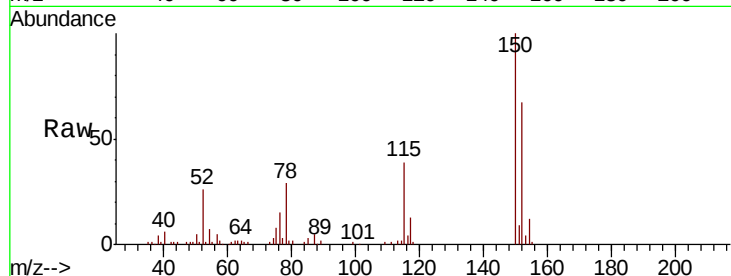
Tot Ion:152 Resp: 46374

Ion Ratio Lower Upper

152 100

150 149.3 123.7 185.5

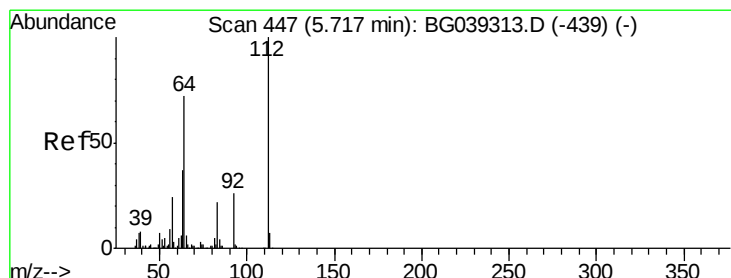
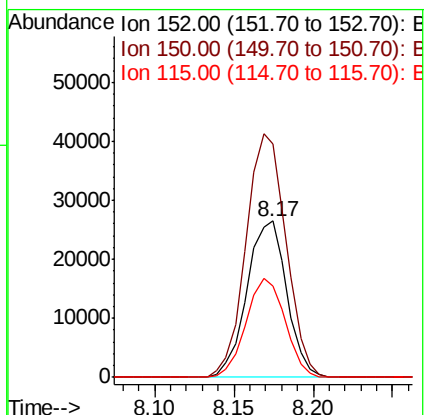
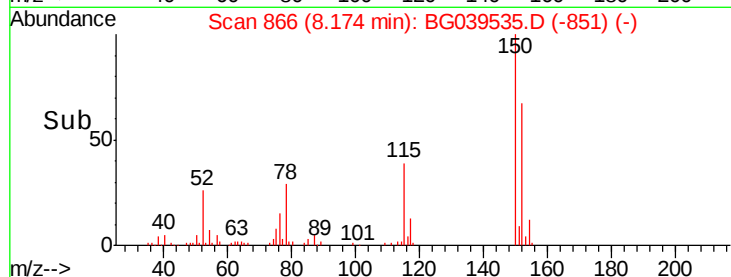
115 58.6 45.9 68.9



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: 166.853 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039535.D

Acq: 16 Feb 2019 00:00

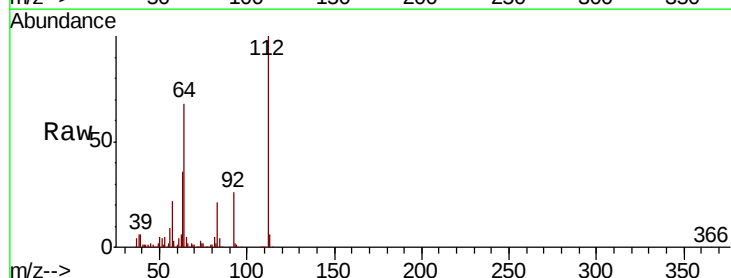
Tgt Ion:112 Resp: 452095

Ion Ratio Lower Upper

112 100

64 68.2 57.8 86.8

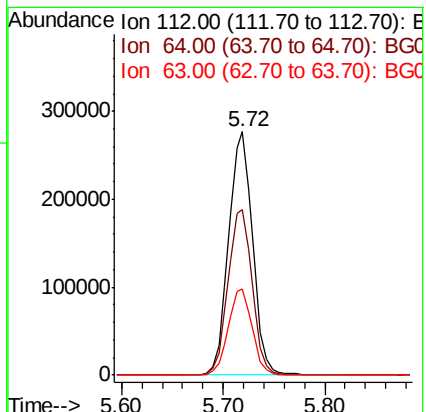
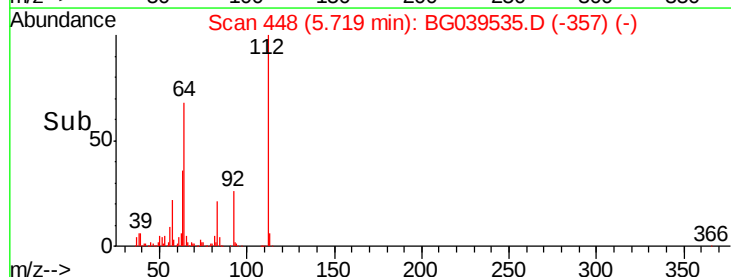
63 35.6 29.8 44.6



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: 174.990 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG039535.D

Acq: 16 Feb 2019 00:00

Instrument :

BNA_G

ClientSampleId :

PB117145BL

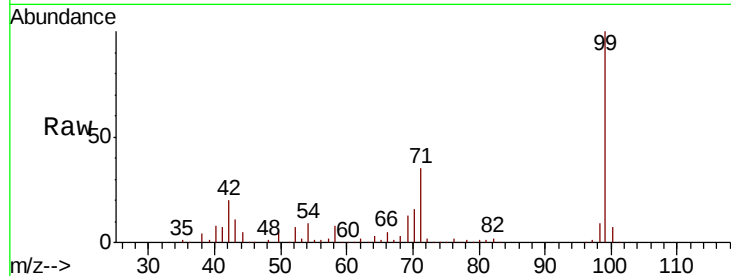
Tot Ion: 99 Resp: 697923

Ion Ratio Lower Upper

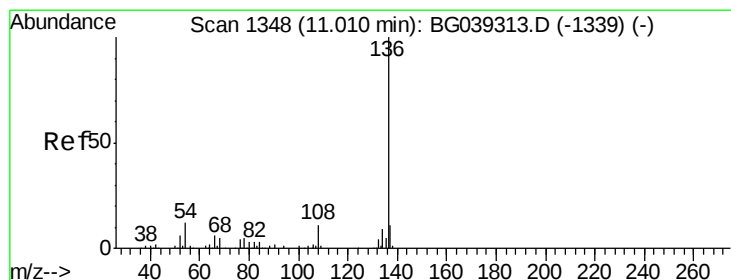
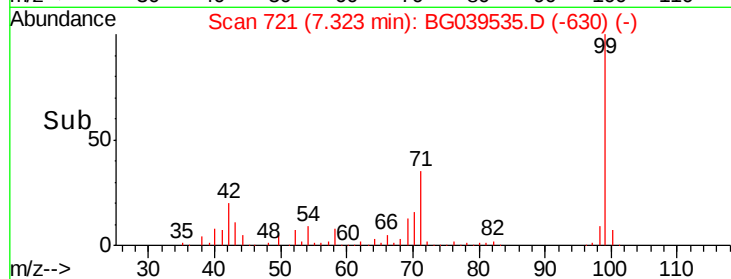
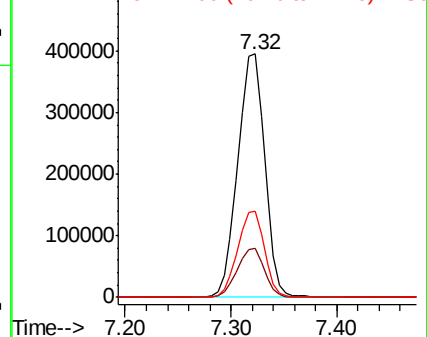
99 100

42 20.0 18.2 27.2

71 35.2 28.0 42.0



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: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039535.D

Acq: 16 Feb 2019 00:00

Tgt Ion: 136 Resp: 225793

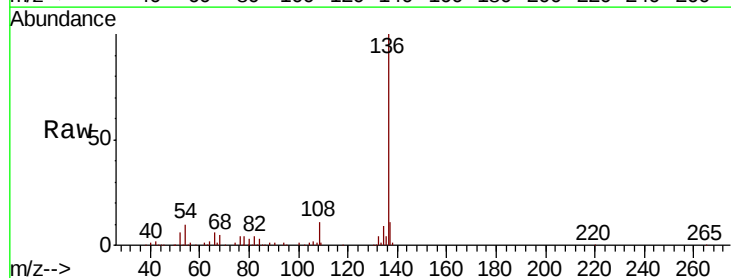
Ion Ratio Lower Upper

136 100

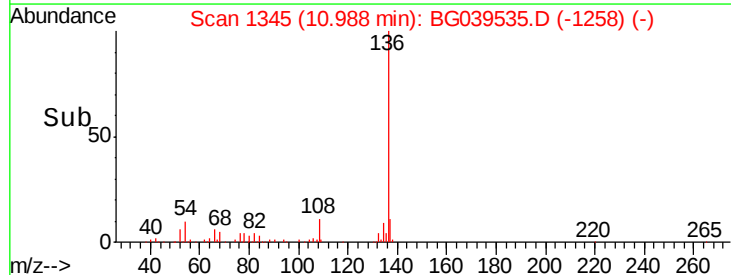
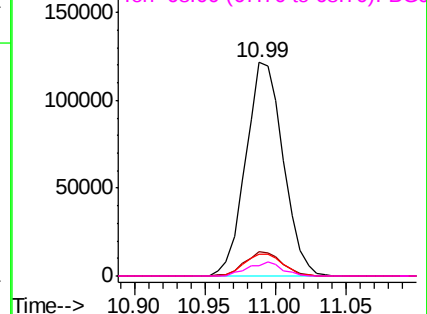
137 11.4 9.1 13.7

54 10.4 9.4 14.2

68 5.0 4.2 6.4



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

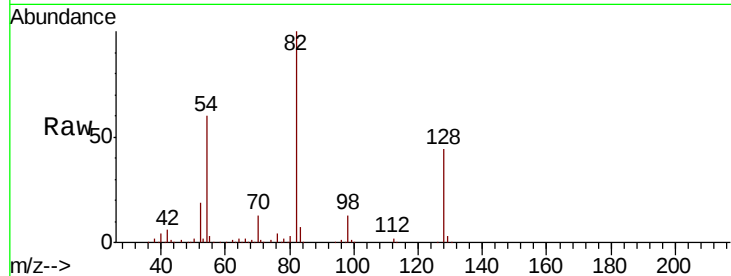




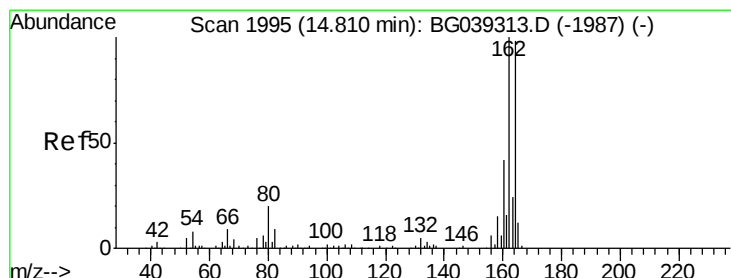
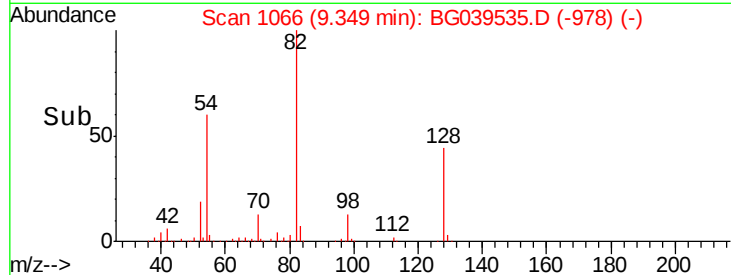
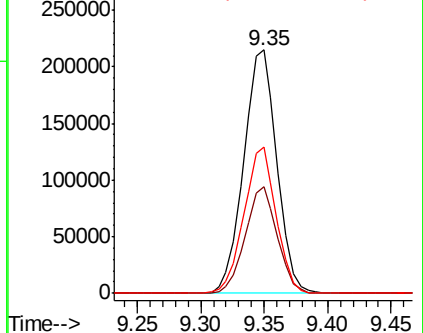
#23
Nitrobenzene-d5
Concen: 107.716 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039535.D
Acq: 16 Feb 2019 00:00

Instrument :
BNA_G
ClientSampleId :
PB117145BL

Tot Ion: 82 Resp: 389320
Ion Ratio Lower Upper
82 100
128 44.0 31.3 46.9
54 60.1 50.9 76.3

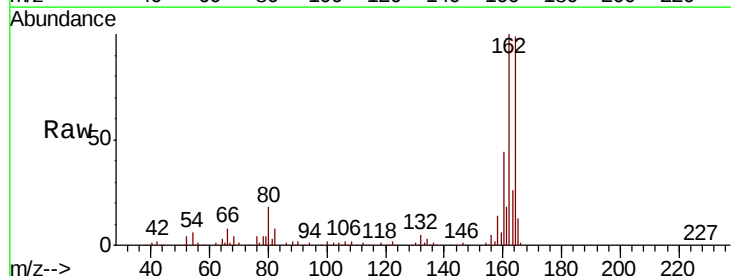


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

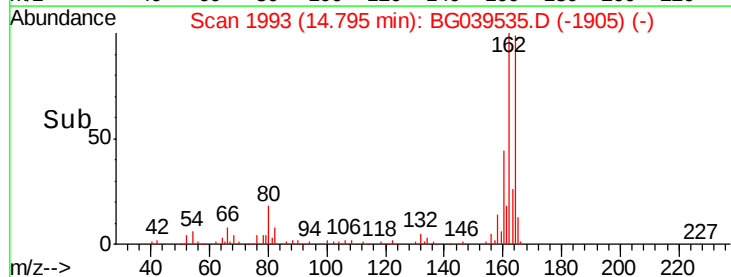
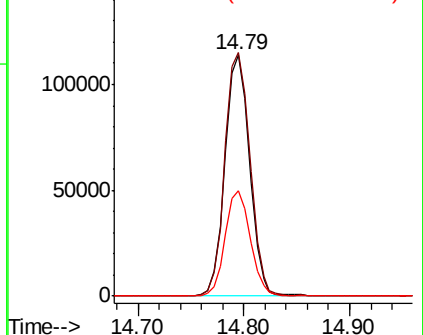


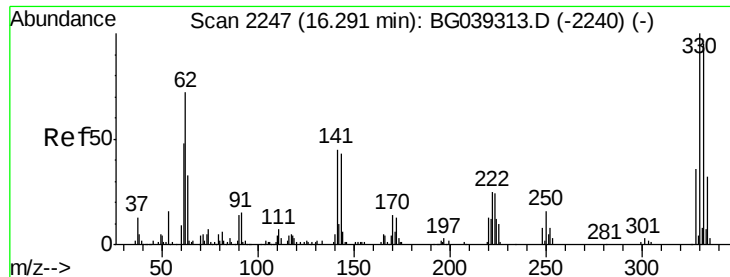
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG039535.D
Acq: 16 Feb 2019 00:00

Tgt Ion:164 Resp: 183800
Ion Ratio Lower Upper
164 100
162 100.9 81.6 122.4
160 43.9 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

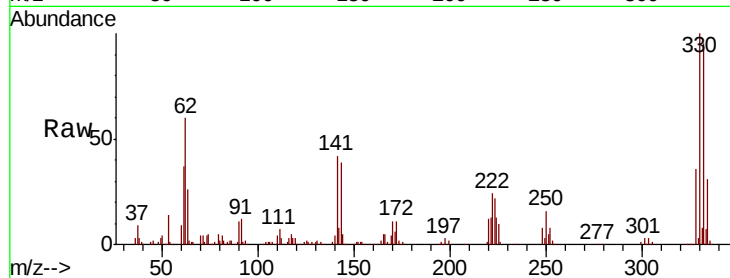




#42
 2,4,6-Tribromophenol
 Concen: 126.889 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039535.D
 Acq: 16 Feb 2019 00:00

Instrument :
 BNA_G
 ClientSampleId :
 PB117145BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.7	113.5
141	40.3	35.6	53.4

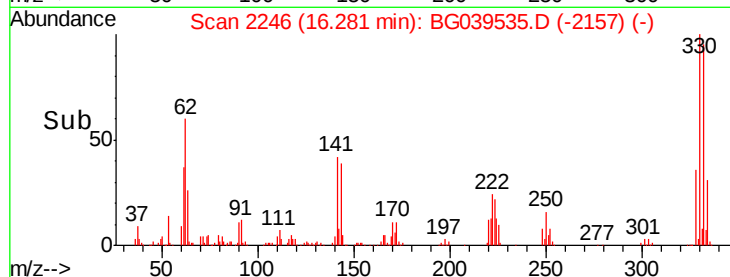
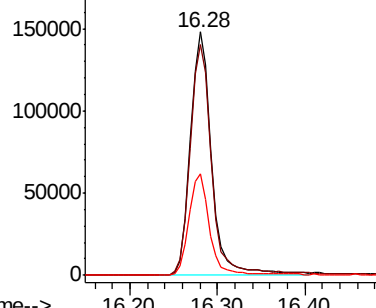


Abundance

Ion 329.80 (329.50 to 330.50): E

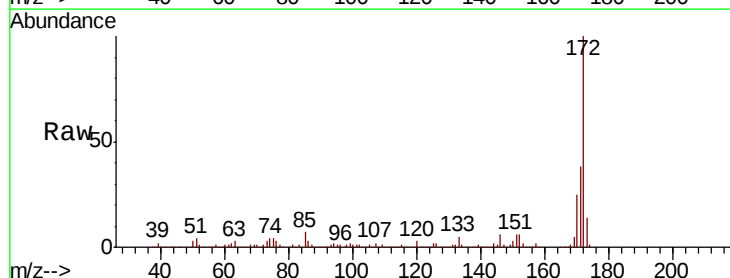
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.090 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG039535.D
 Acq: 16 Feb 2019 00:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	24.8	20.2	30.4

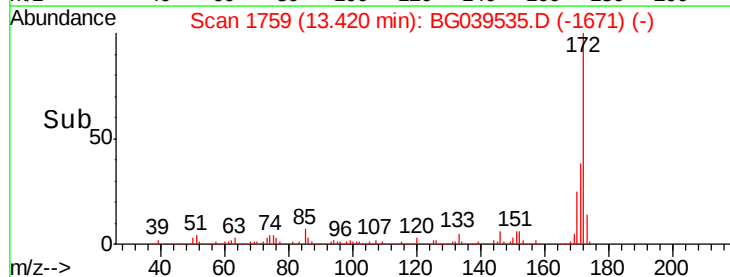
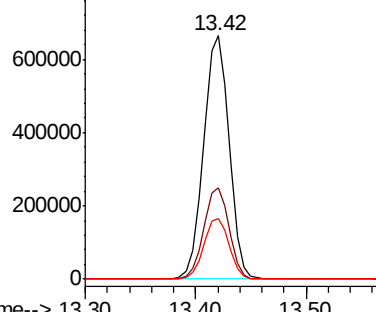


Abundance

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: 17.54 min Scan# 2460

Delta R.T. -0.02 min

Lab File: BG039535.D

Acq: 16 Feb 2019 00:00

Instrument :

BNA_G

ClientSampleId :

PB117145BL

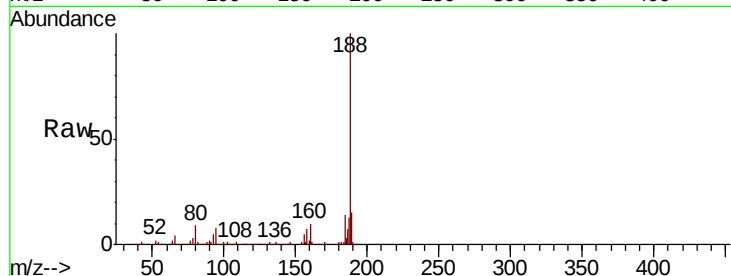
Tot Ion:188 Resp: 450530

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

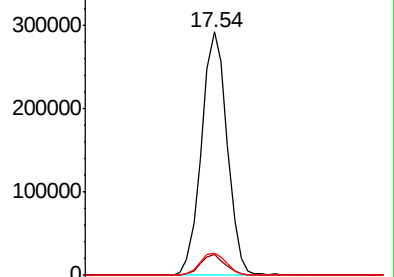
80 9.0 8.1 12.1



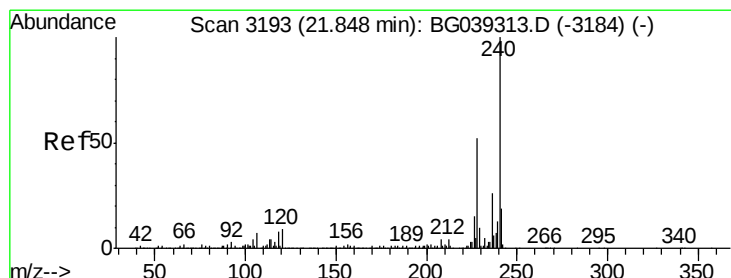
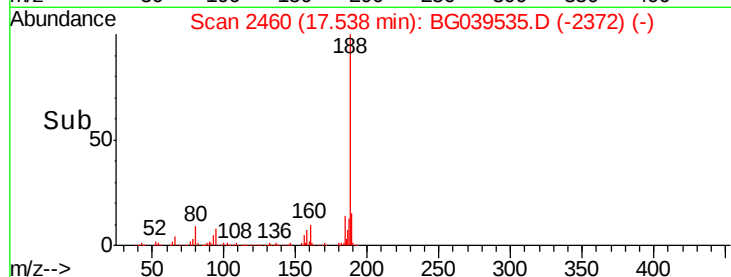
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039535.D

Acq: 16 Feb 2019 00:00

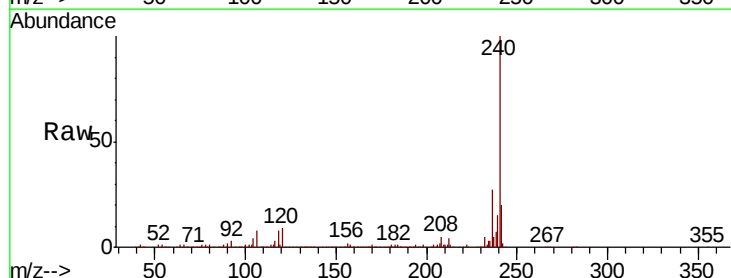
Tgt Ion:240 Resp: 438024

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

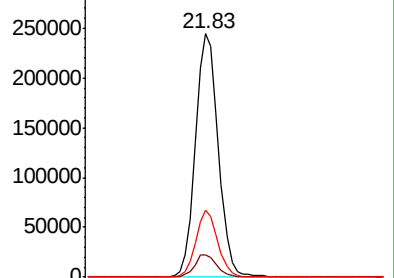
236 27.5 21.0 31.4



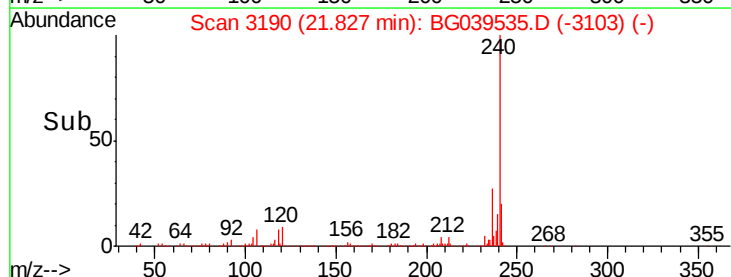
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 80.523 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039535.D

Acq: 16 Feb 2019 00:00

Instrument :

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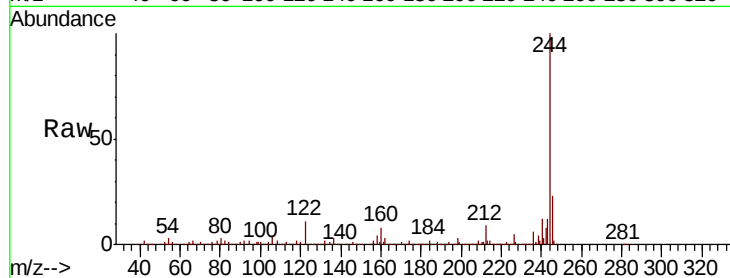
Tot Ion:244 Resp: 1666323

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

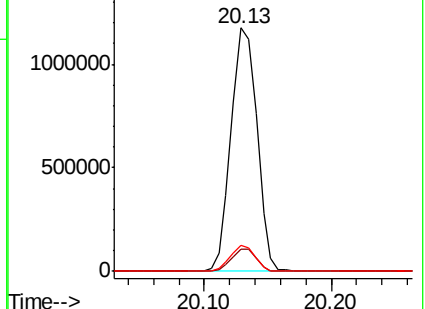
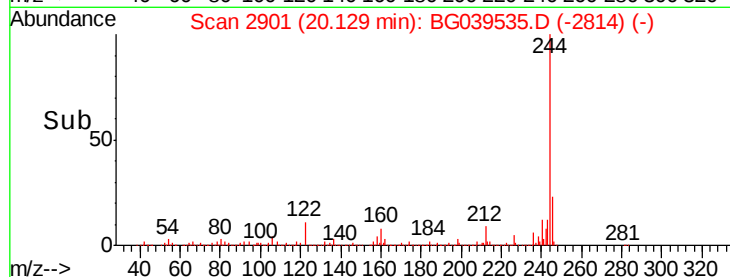
122 10.5 8.4 12.6



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: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039535.D

Acq: 16 Feb 2019 00:00

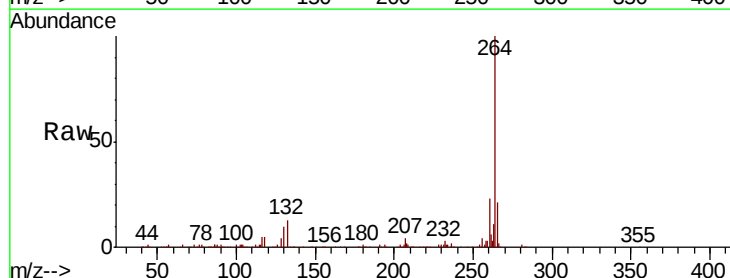
Tgt Ion:264 Resp: 424047

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 20.9 18.5 27.7



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

