

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039289.D
 Acq On : 25 Jan 2019 21:59
 Operator : JU/SJ
 Sample : PB116630BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116630BL

Quant Time: Jan 28 03:46:50 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	12624	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	52383	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	34502	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	96454	20.00	ng	0.00
76) Chrysene-d12	21.67	240	120042	20.00	ng	-0.01
87) Perylene-d12	24.93	264	127903	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	107786	161.97	ng	0.00
7) Phenol-d6	7.17	99	142200	148.48	ng	0.00
23) Nitrobenzene-d5	9.18	82	75658	79.03	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	54956	95.02	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	222904	88.42	ng	0.00
79) Terphenyl-d14	20.00	244	541225	83.40	ng	0.00

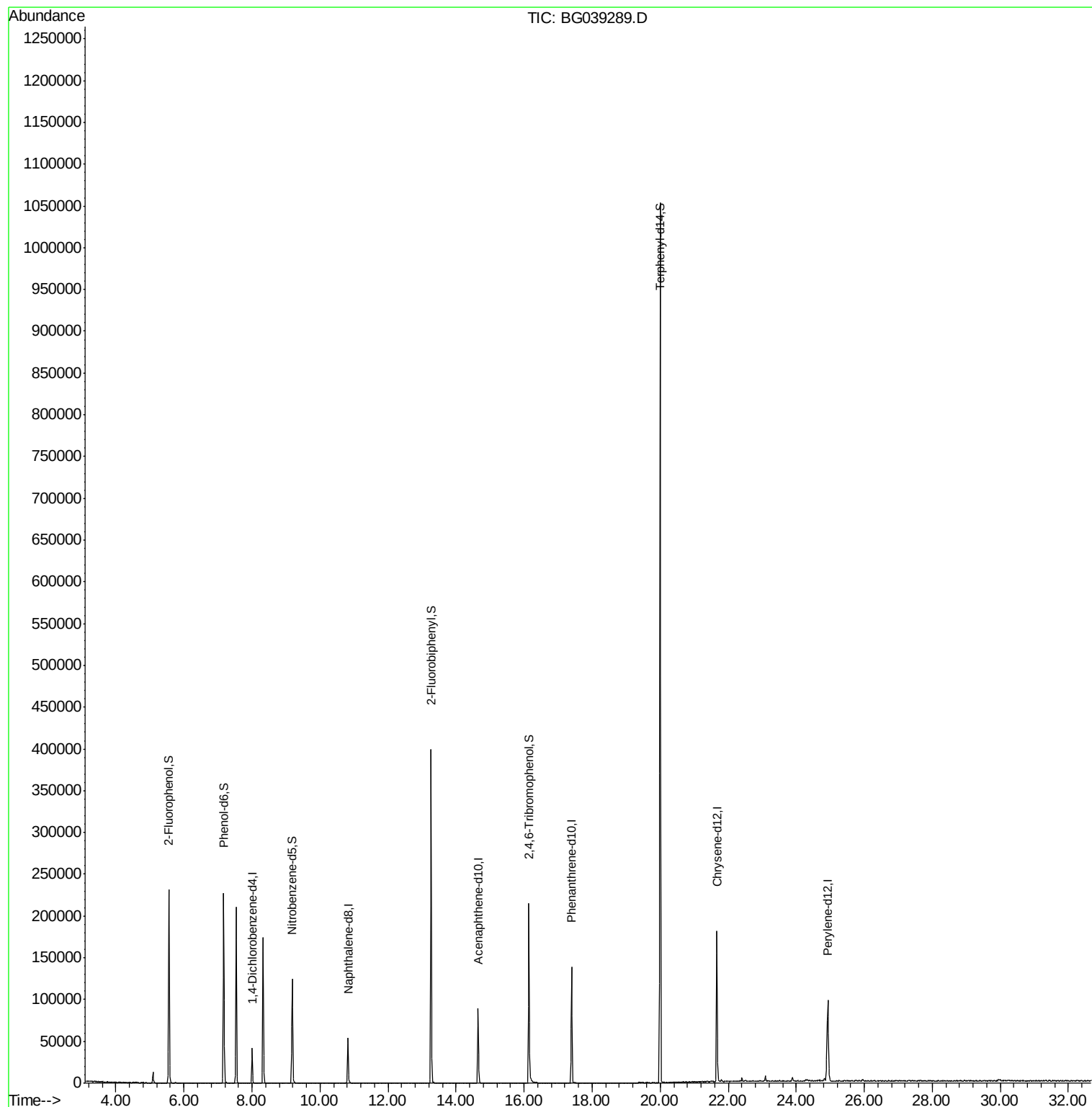
Target Compounds Qvalue

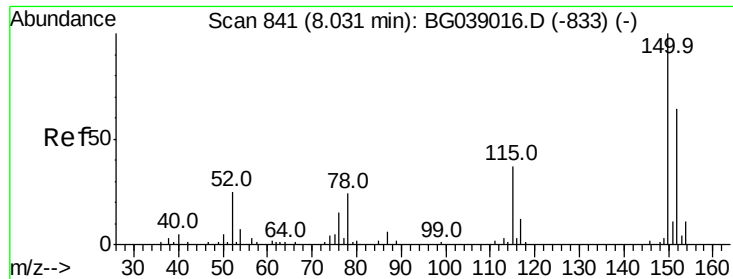
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG039289.D

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Instrument :

BNA_G

ClientSampleId :

PB116630BL

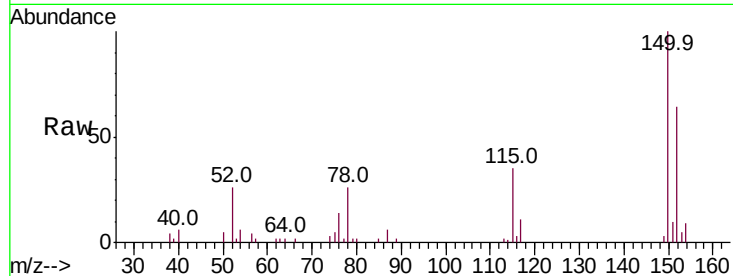
Tot Ion:152 Resp: 12624

Ion Ratio Lower Upper

152 100

150 156.9 124.7 187.1

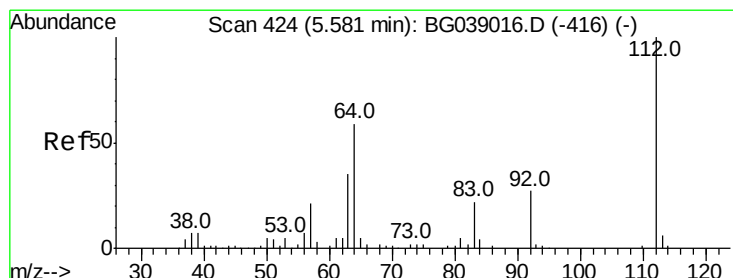
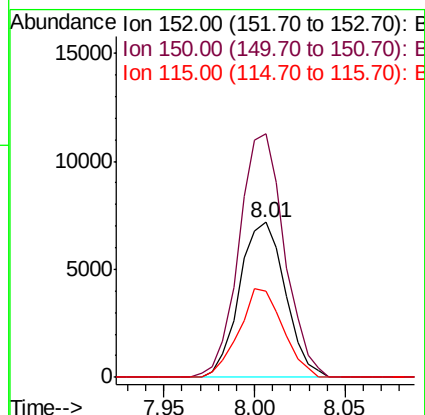
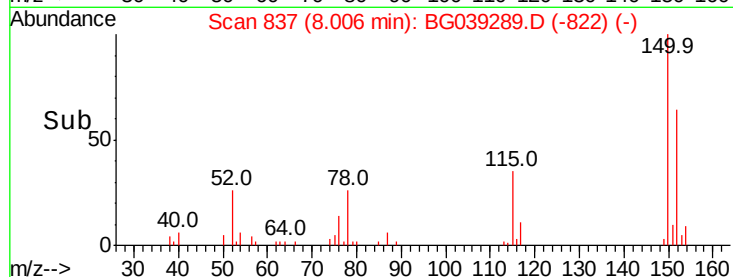
115 55.3 46.5 69.7



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: 161.968 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG039289.D

Acq: 25 Jan 2019 21:59

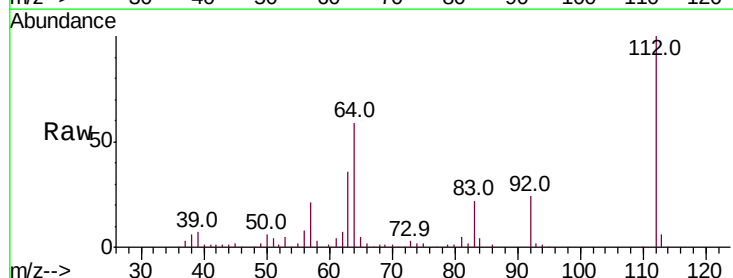
Tgt Ion:112 Resp: 107786

Ion Ratio Lower Upper

112 100

64 59.5 47.0 70.6

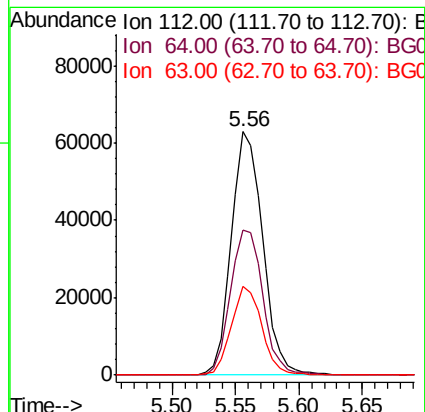
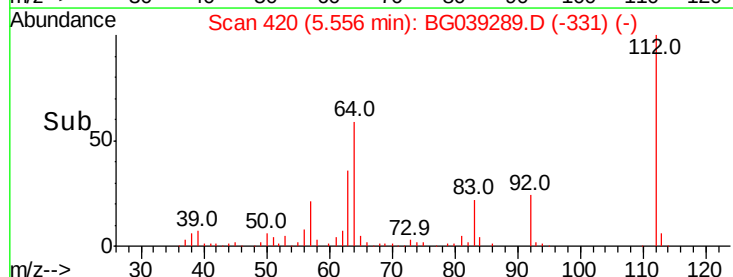
63 36.5 28.0 42.0

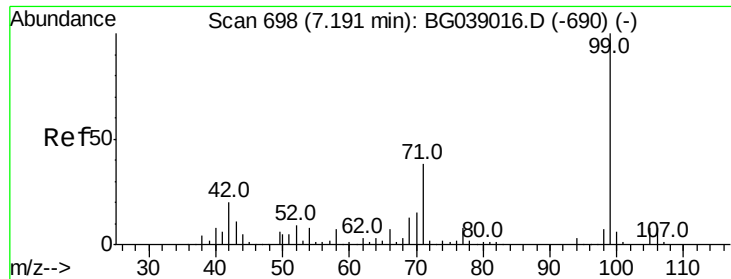


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 148.479 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039289.D

Acq: 25 Jan 2019 21:59

Instrument :

BNA_G

ClientSampleId :

PB116630BL

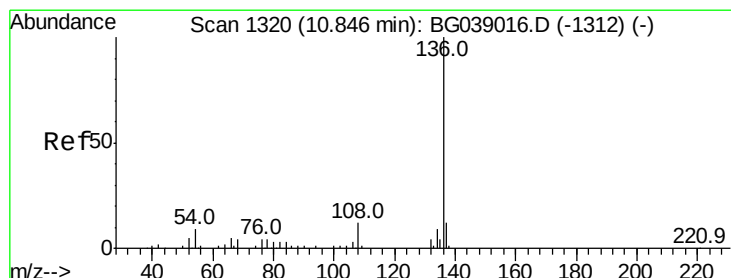
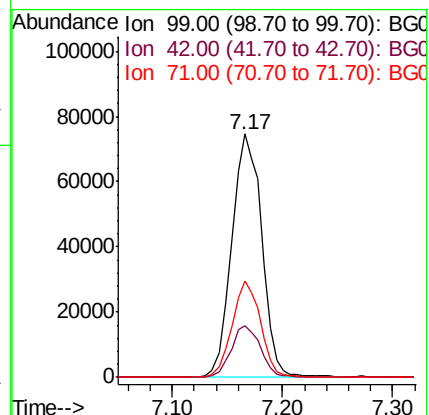
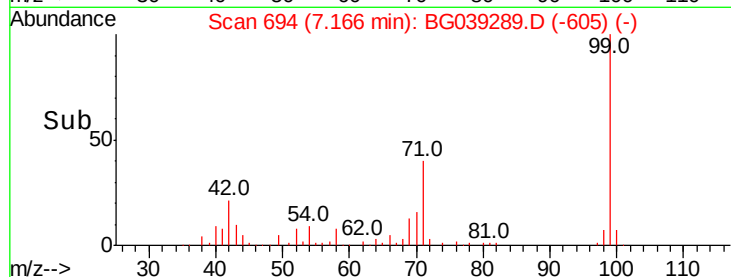
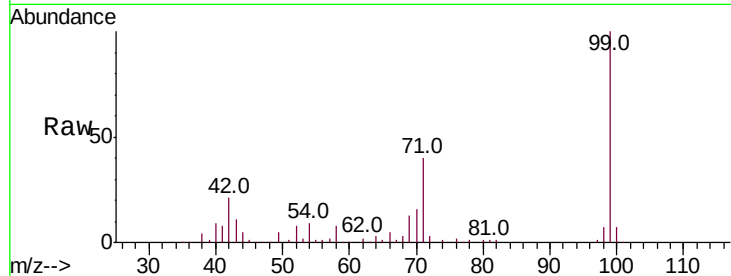
Tot Ion: 99 Resp: 142200

Ion Ratio Lower Upper

99 100

42 21.3 15.8 23.6

71 39.8 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: BG039289.D

Acq: 25 Jan 2019 21:59

Tgt Ion: 136 Resp: 52383

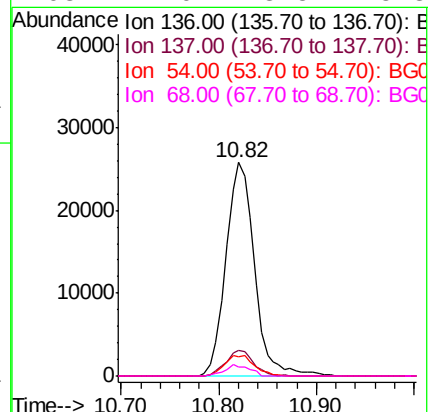
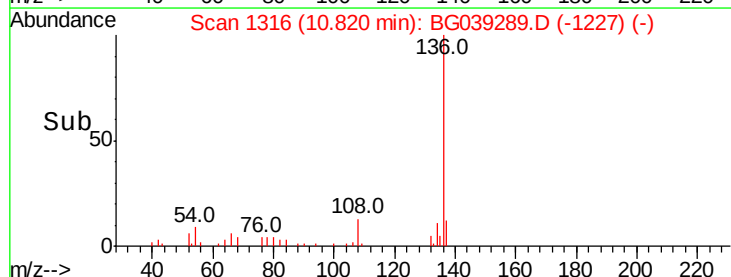
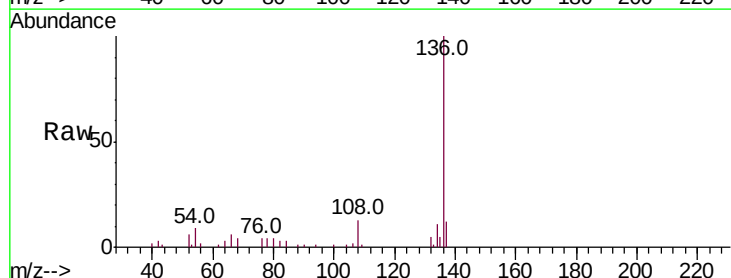
Ion Ratio Lower Upper

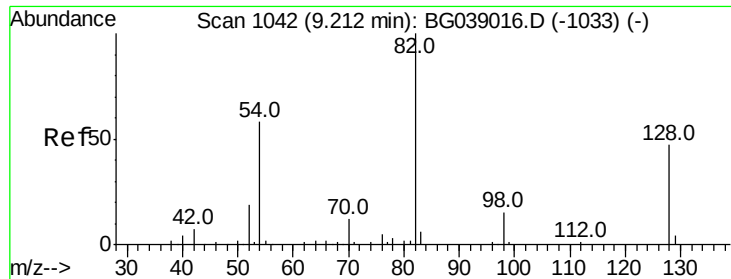
136 100

137 12.1 9.4 14.2

54 9.3 7.2 10.8

68 4.0 3.5 5.3

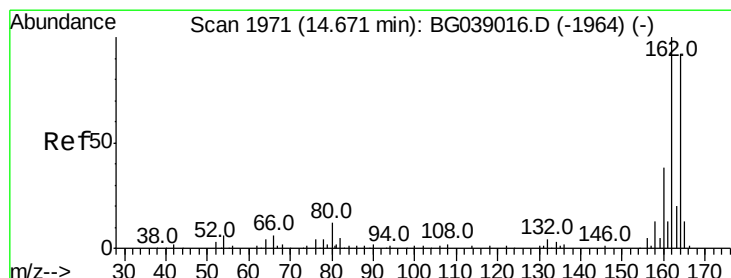
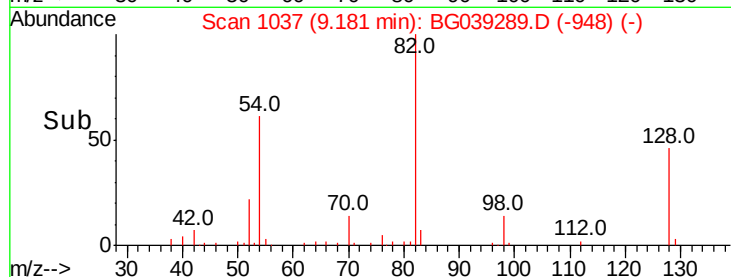
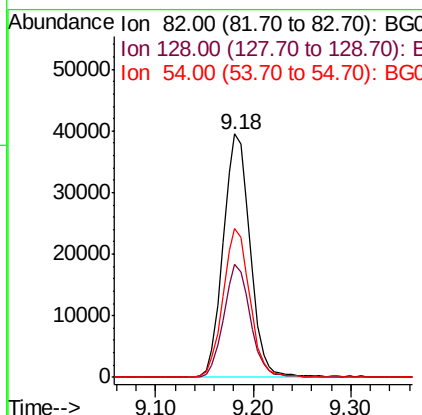
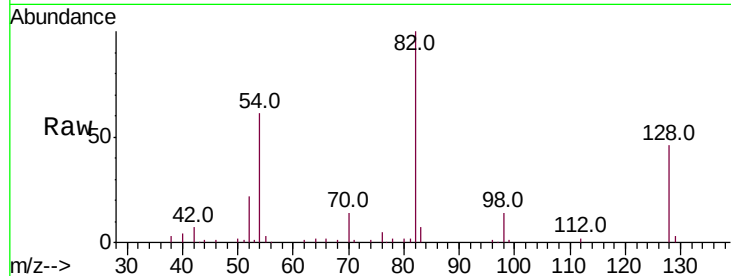




#23
 Nitrobenzene-d5
 Concen: 79.033 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG039289.D
 Acq: 25 Jan 2019 21:59

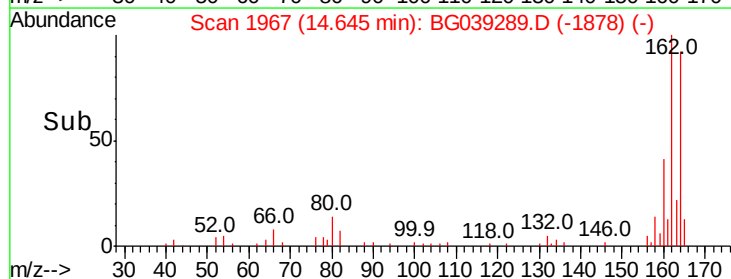
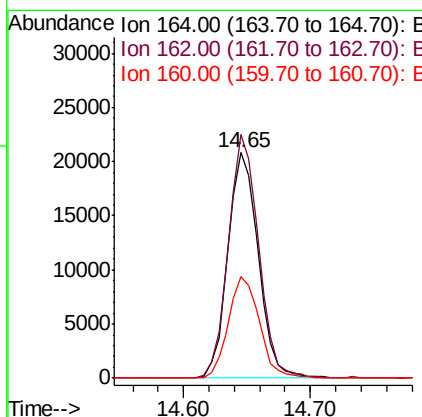
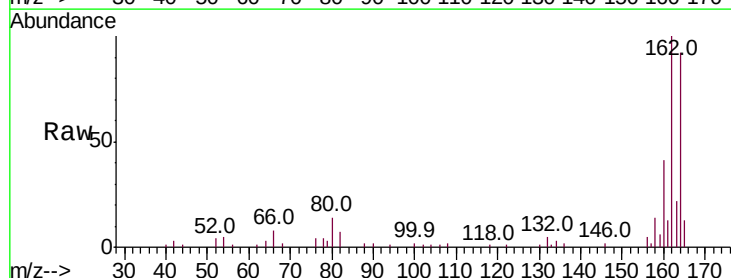
Instrument :
 BNA_G
 ClientSampleID :
 PB116630BL

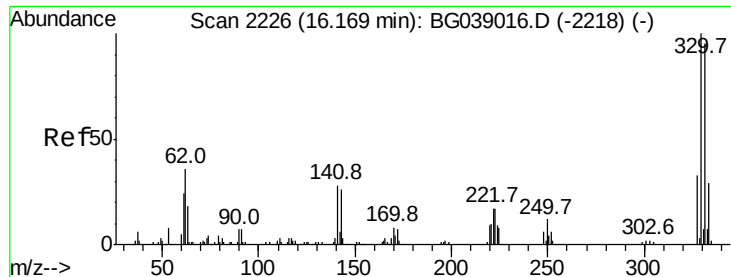
Tot Ion	82	Resp	75658
Ion Ratio	100	Lower	Upper
128	46.2	37.3	55.9
54	61.1	46.4	69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG039289.D
 Acq: 25 Jan 2019 21:59

Tgt Ion	164	Resp	34502
Ion Ratio	100	Lower	Upper
162	108.1	87.2	130.8
160	44.8	33.3	49.9

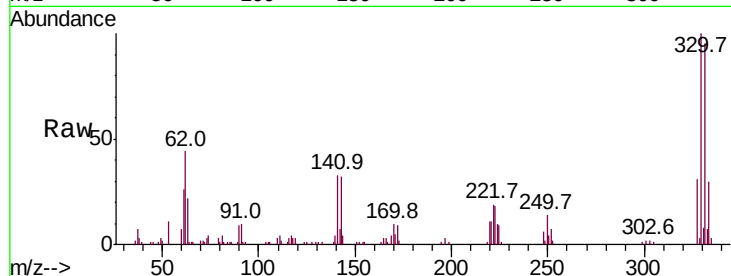




#42
 2,4,6-Tribromophenol
 Concen: 95.022 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG039289.D
 Acq: 25 Jan 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 PB116630BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	75.7	113.5
141	30.4	24.9	37.3

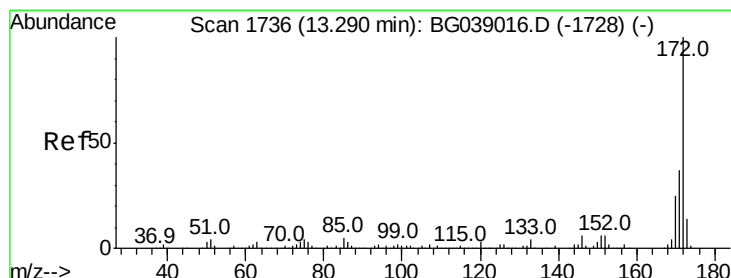
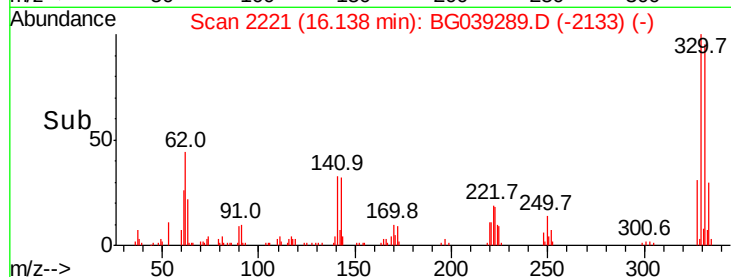
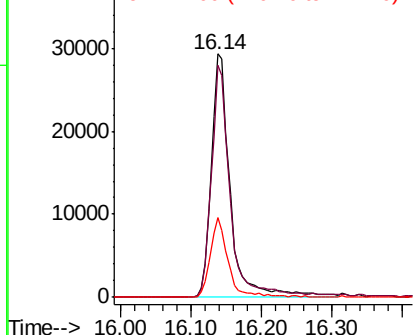


Abundance

Ion 329.80 (329.50 to 330.50): E

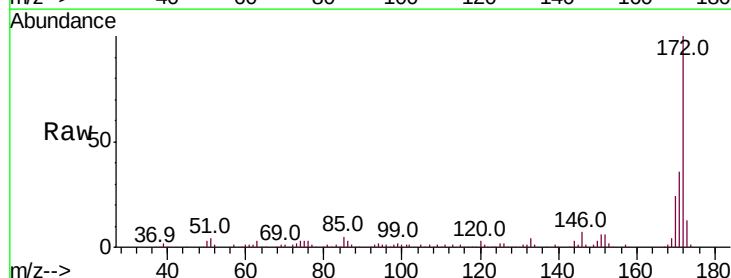
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.418 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039289.D
 Acq: 25 Jan 2019 21:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	23.7	20.1	30.1

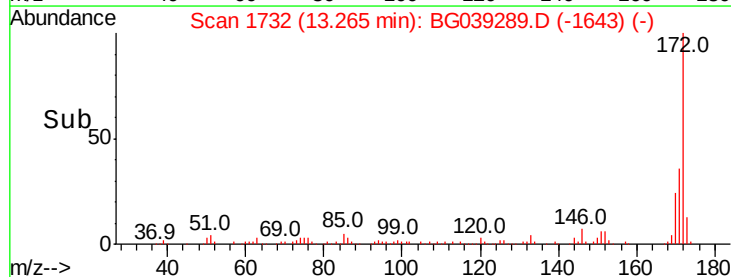
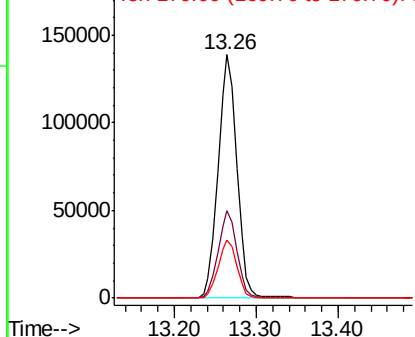


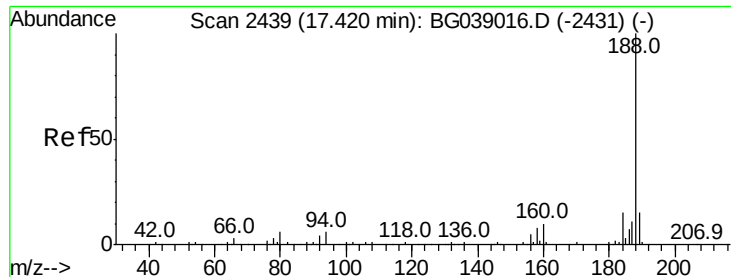
Abundance

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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039289.D

Acq: 25 Jan 2019 21:59

Instrument :

BNA_G

ClientSampleId :

PB116630BL

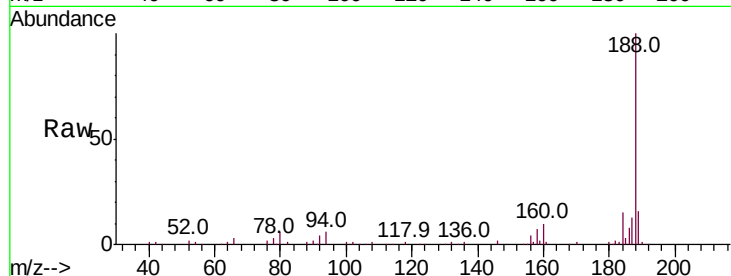
Tot Ion:188 Resp: 96454

Ion Ratio Lower Upper

188 100

94 6.3 5.0 7.4

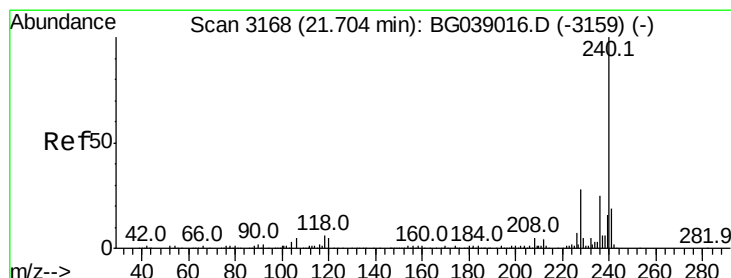
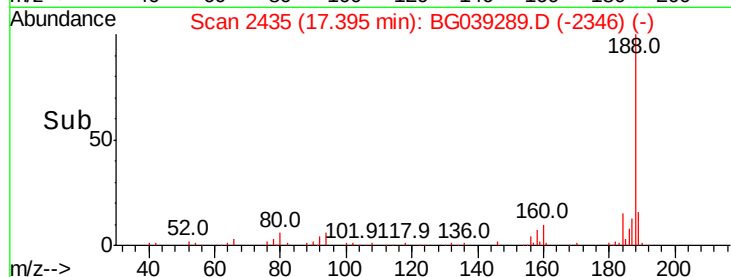
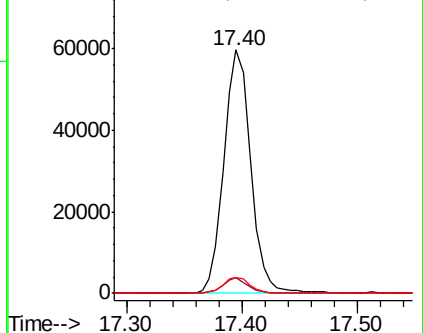
80 6.3 4.7 7.1



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. -0.01 min

Lab File: BG039289.D

Acq: 25 Jan 2019 21:59

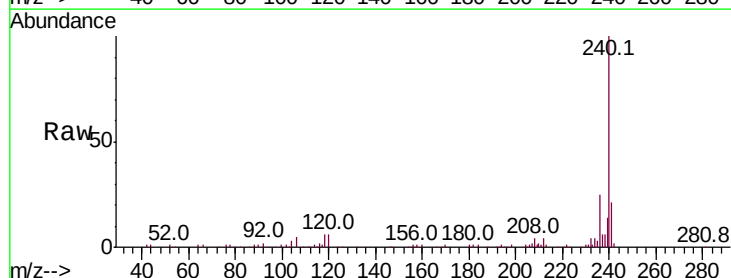
Tgt Ion:240 Resp: 120042

Ion Ratio Lower Upper

240 100

120 5.8 4.3 6.5

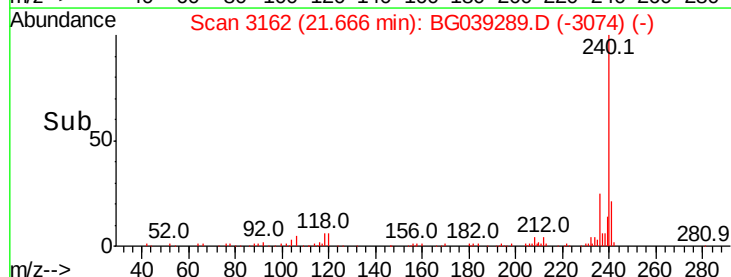
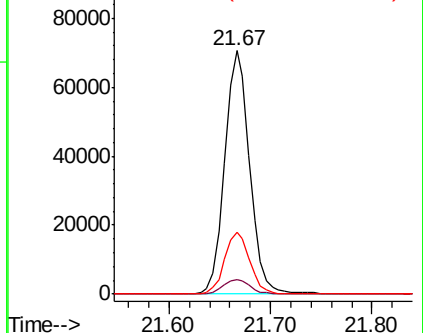
236 25.2 20.1 30.1

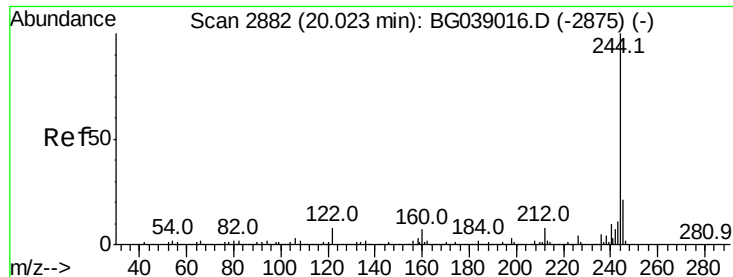


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.405 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039289.D

Acq: 25 Jan 2019 21:59

Instrument :

BNA_G

ClientSampleId :

PB116630BL

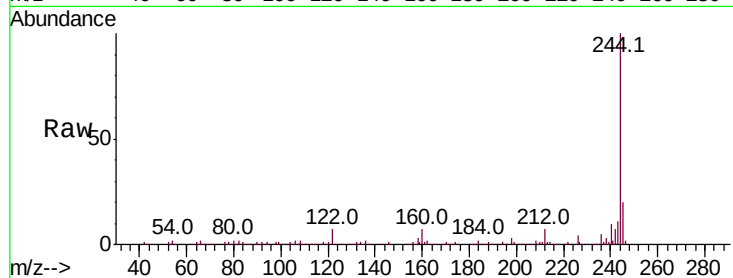
Tot Ion:244 Resp: 541225

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

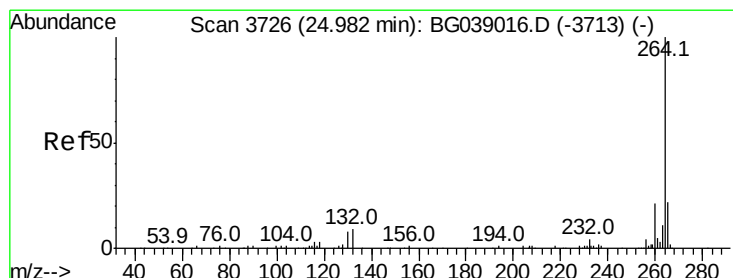
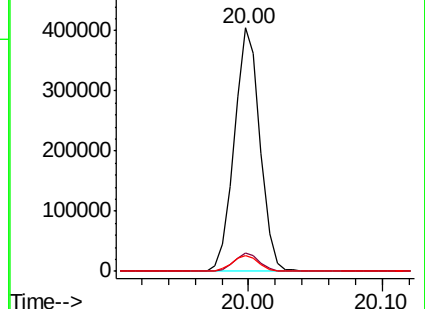
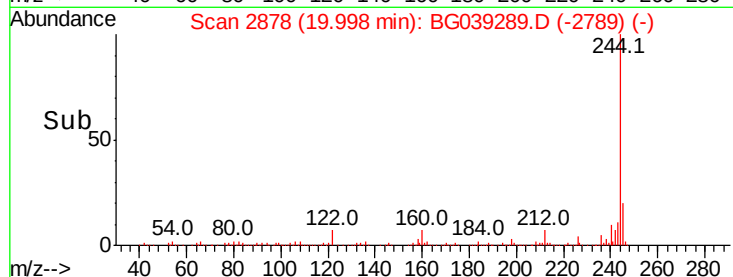
122 6.7 6.1 9.1



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: BG039289.D

Acq: 25 Jan 2019 21:59

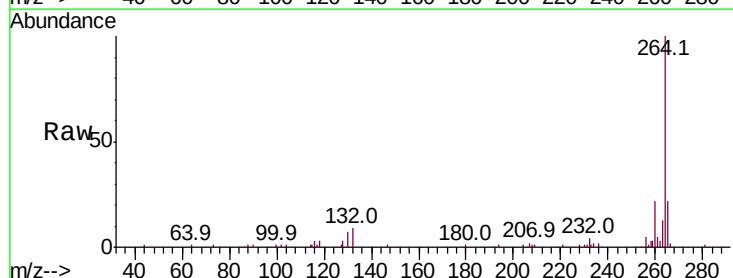
Tgt Ion:264 Resp: 127903

Ion Ratio Lower Upper

264 100

260 22.2 17.0 25.6

265 22.1 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

