

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039290.D
 Acq On : 25 Jan 2019 22:38
 Operator : JU/SJ
 Sample : PB116630TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116630TB

Quant Time: Jan 28 03:48:01 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	8.01	152	14381	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	56093	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	36124	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	100986	20.00	ng	0.00
76) Chrysene-d12	21.67	240	123412	20.00	ng	-0.02
87) Perylene-d12	24.92	264	139734	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	85747	113.11	ng	0.00
7) Phenol-d6	7.16	99	119274	109.33	ng	0.00
23) Nitrobenzene-d5	9.18	82	69560	67.86	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	51184	84.53	ng	-0.02
45) 2-Fluorobiphenyl	13.26	172	193173	73.18	ng	0.00
79) Terphenyl-d14	20.00	244	473956	71.04	ng	0.00

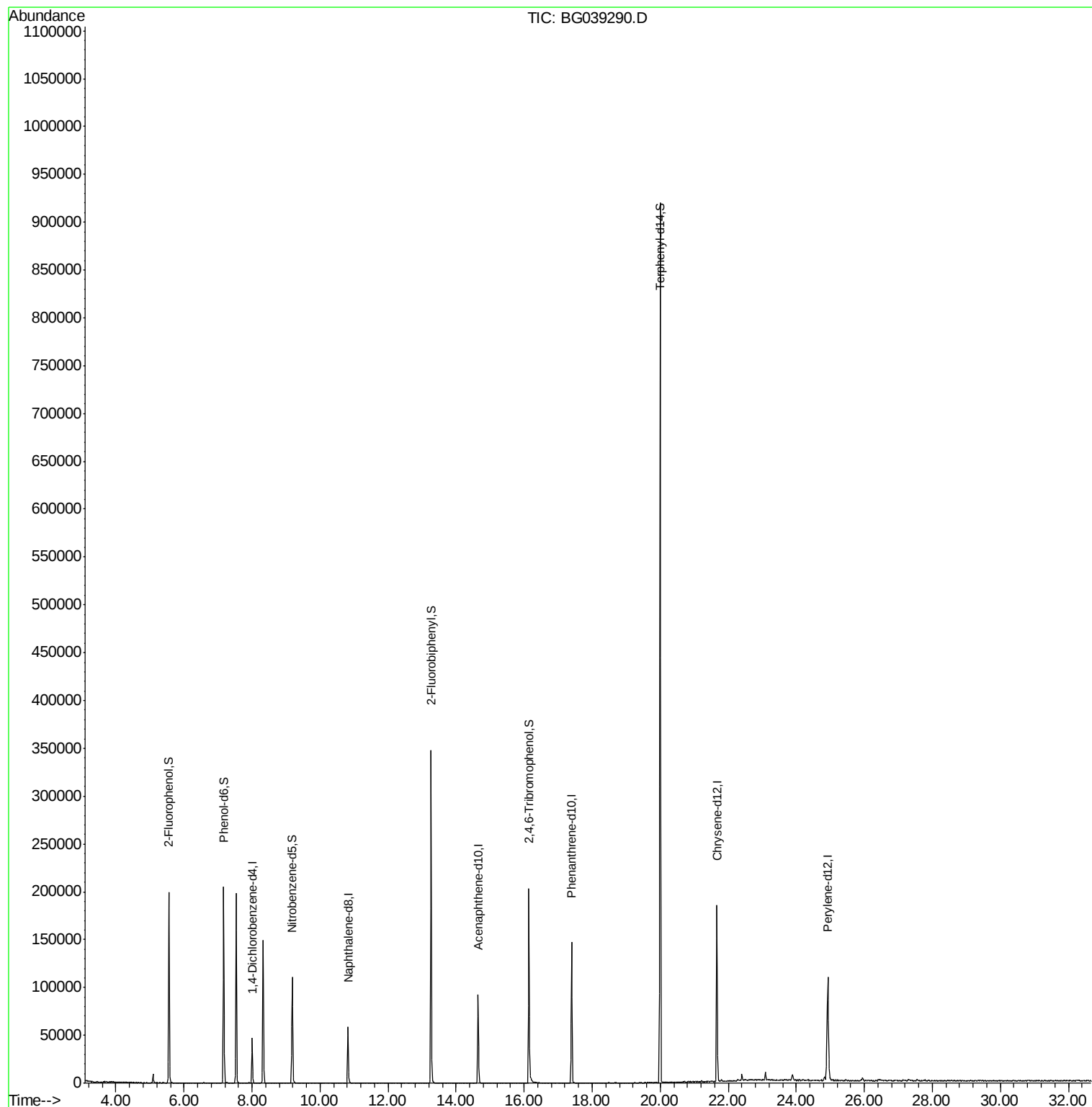
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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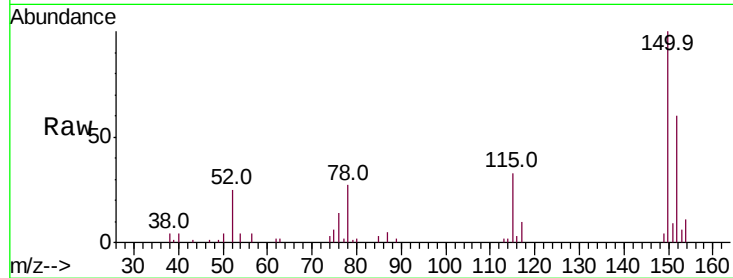


#1

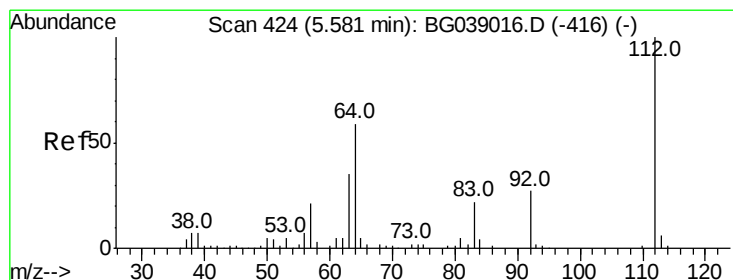
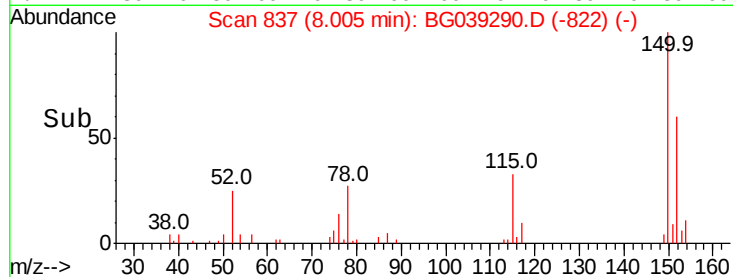
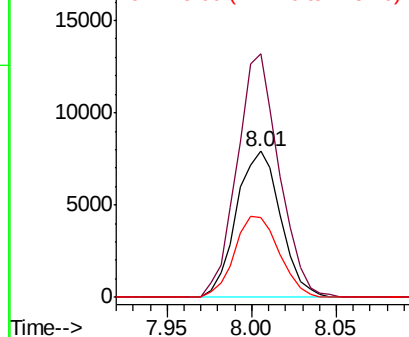
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039290.D
Acq: 25 Jan 2019 22:38

Instrument :
BNA_G
ClientSampleId :
PB116630TB

Tot Ion:152 Resp: 14381
Ion Ratio Lower Upper
152 100
150 167.0 124.7 187.1
115 55.0 46.5 69.7



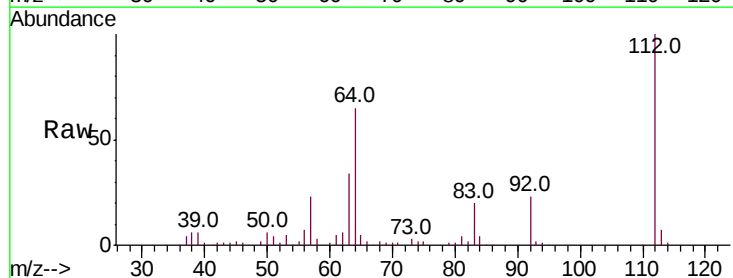
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



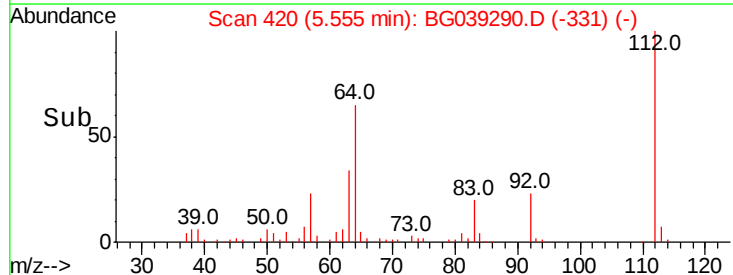
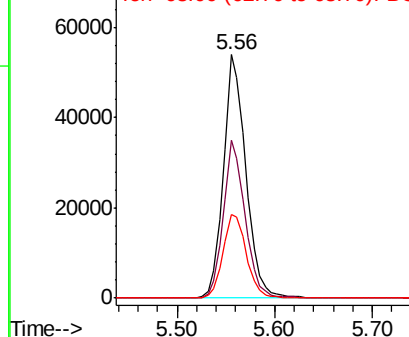
#5

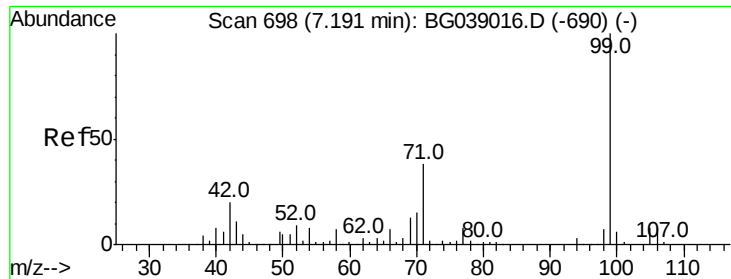
2-Fluorophenol
Concen: 113.108 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG039290.D
Acq: 25 Jan 2019 22:38

Tgt Ion:112 Resp: 85747
Ion Ratio Lower Upper
112 100
64 64.6 47.0 70.6
63 34.3 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: 109.325 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039290.D

Acq: 25 Jan 2019 22:38

Instrument :

BNA_G

ClientSampleId :

PB116630TB

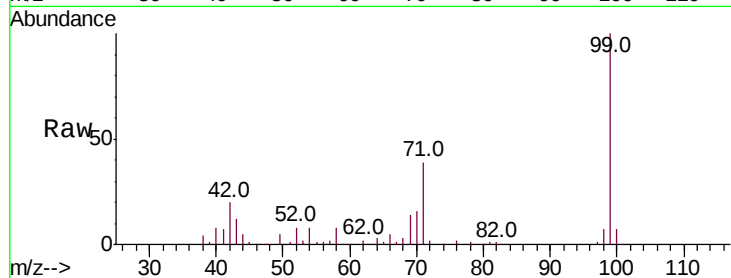
Tot Ion: 99 Resp: 119274

Ion Ratio Lower Upper

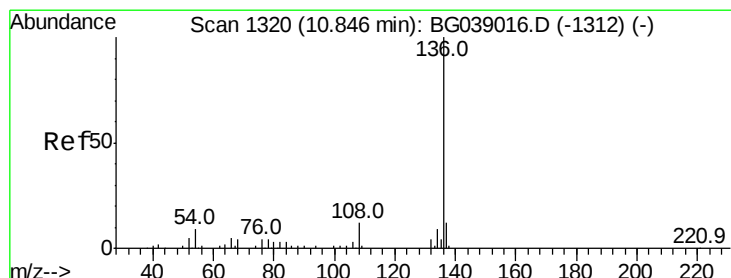
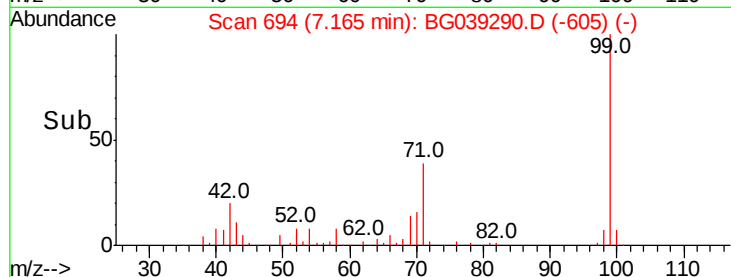
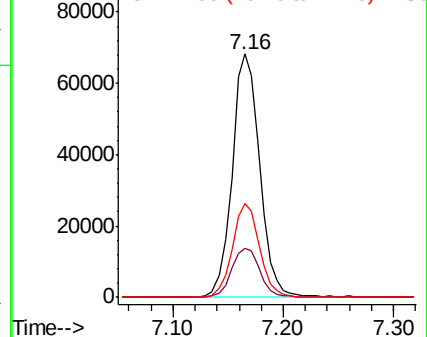
99 100

42 20.0 15.8 23.6

71 38.6 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: BG039290.D

Acq: 25 Jan 2019 22:38

Tgt Ion: 136 Resp: 56093

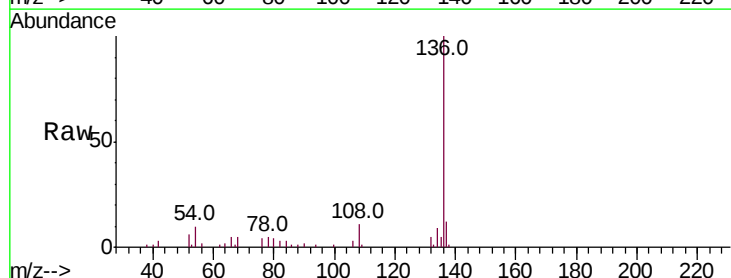
Ion Ratio Lower Upper

136 100

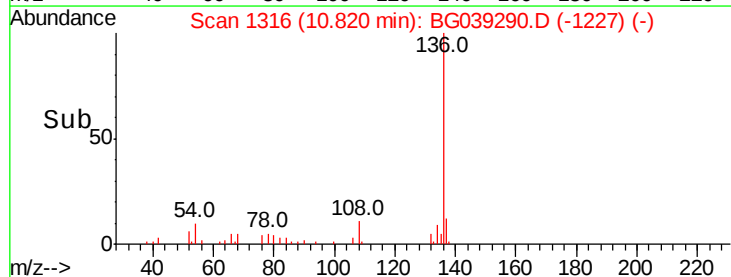
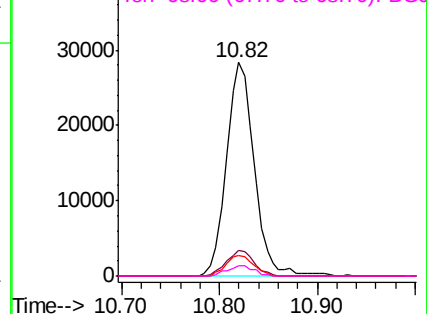
137 11.8 9.4 14.2

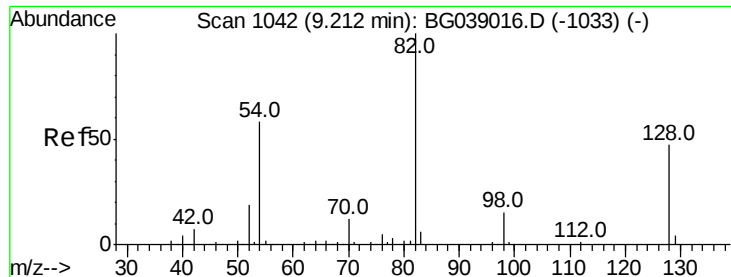
54 9.6 7.2 10.8

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

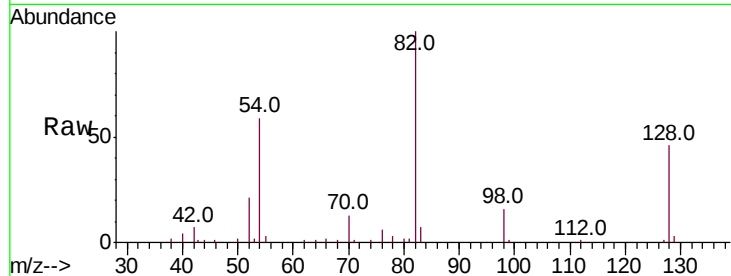




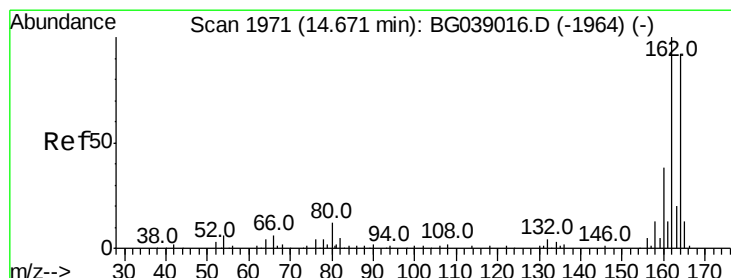
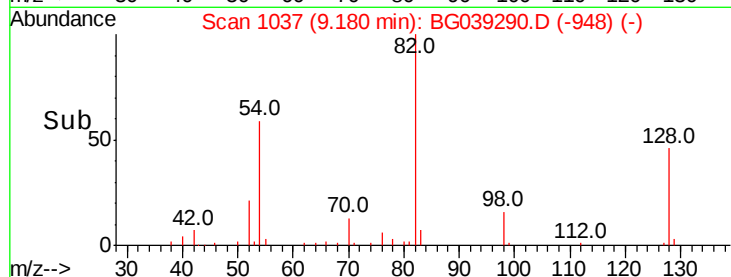
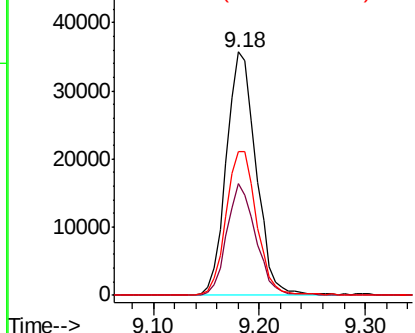
#23
Nitrobenzene-d5
Concen: 67.857 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039290.D
Acq: 25 Jan 2019 22:38

Instrument :
BNA_G
ClientSampleId :
PB116630TB

Tot Ion: 82 Resp: 69560
Ion Ratio Lower Upper
82 100
128 46.1 37.3 55.9
54 59.1 46.4 69.6

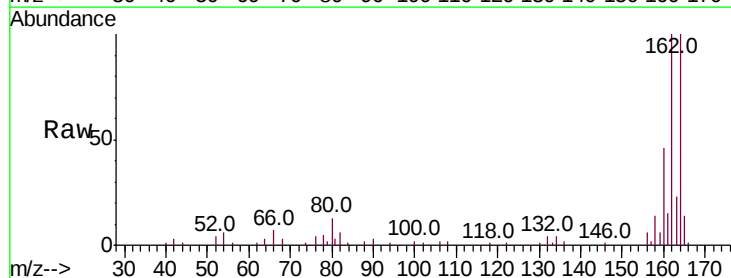


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

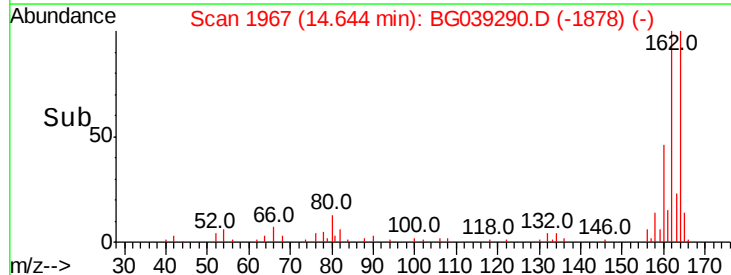
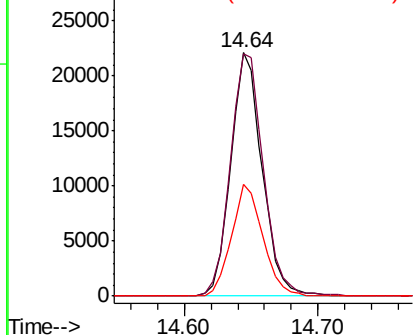


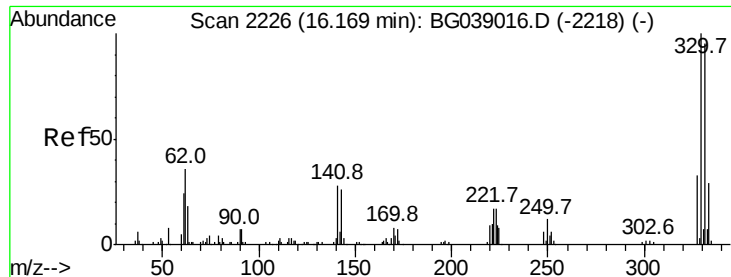
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG039290.D
Acq: 25 Jan 2019 22:38

Tgt Ion: 164 Resp: 36124
Ion Ratio Lower Upper
164 100
162 99.6 87.2 130.8
160 45.7 33.3 49.9



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

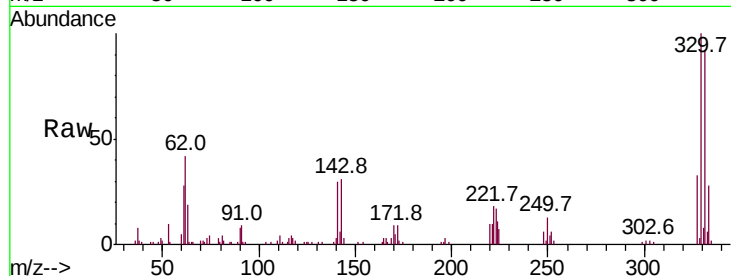




#42
 2,4,6-Tribromophenol
 Concen: 84.526 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BG039290.D
 Acq: 25 Jan 2019 22:38

Instrument :
 BNA_G
 ClientSampleId :
 PB116630TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	31.1	24.9	37.3

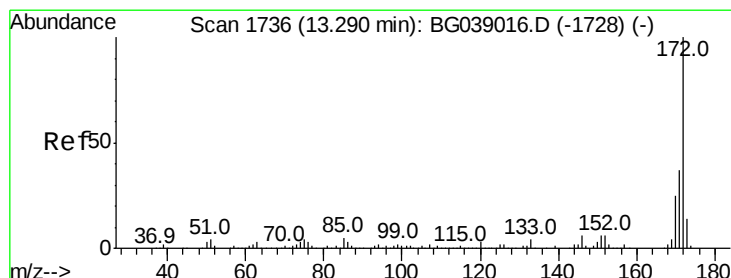
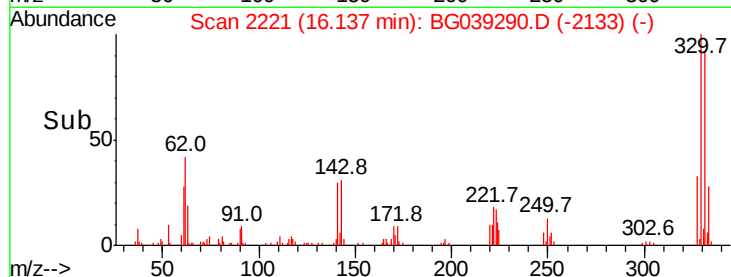
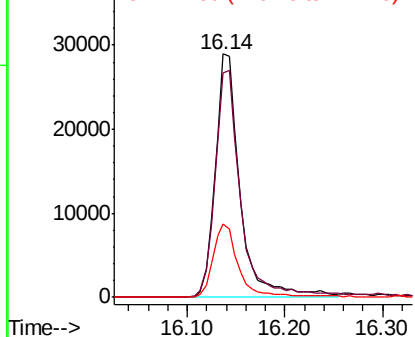


Abundance

Ion 329.80 (329.50 to 330.50): E

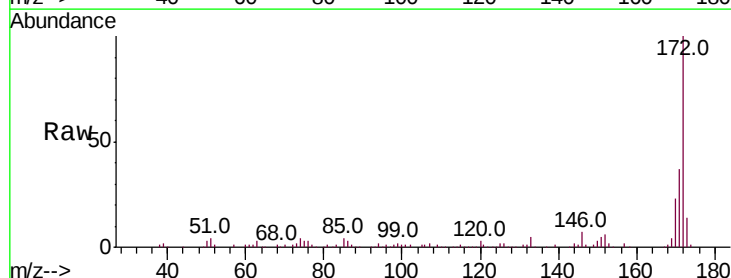
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 73.184 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039290.D
 Acq: 25 Jan 2019 22:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	23.1	20.1	30.1

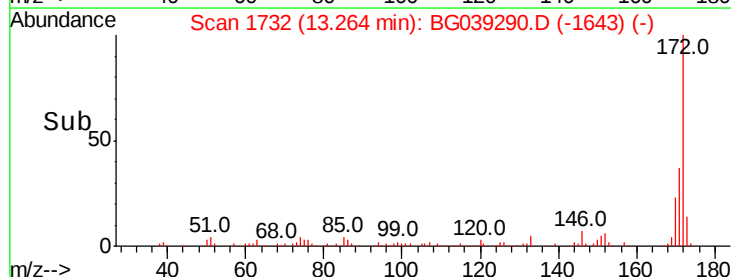
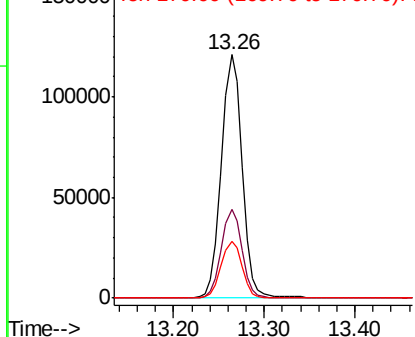


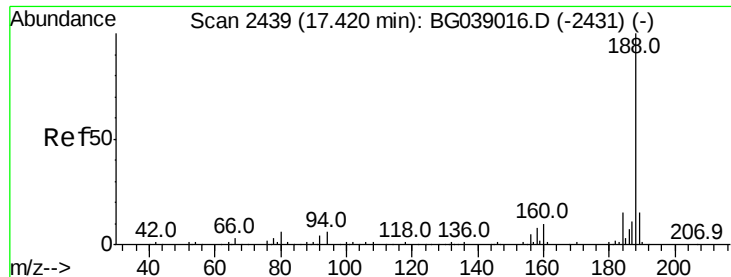
Abundance

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

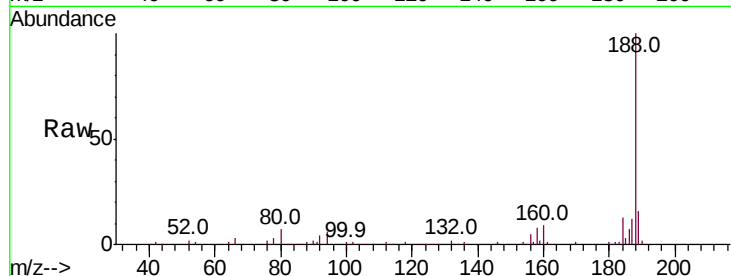




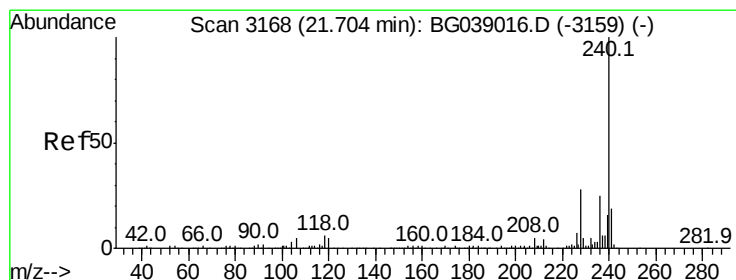
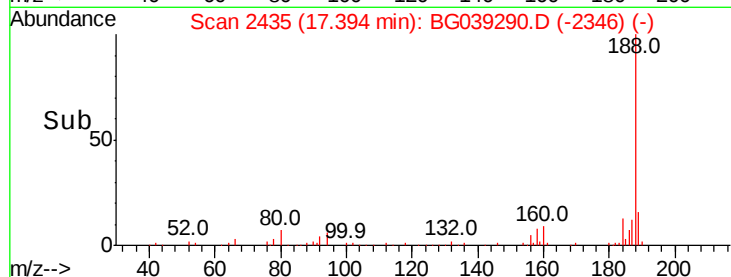
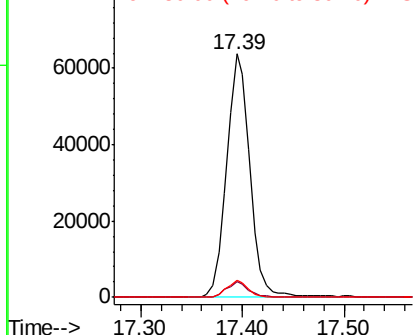
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039290.D
Acq: 25 Jan 2019 22:38

Instrument :
BNA_G
ClientSampleId :
PB116630TB

Tot Ion:188 Resp: 100986
Ion Ratio Lower Upper
188 100
94 6.2 5.0 7.4
80 6.9 4.7 7.1

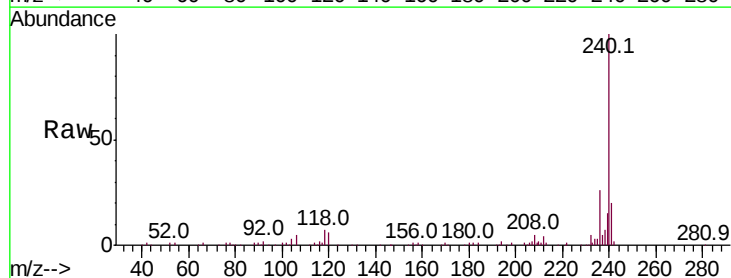


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

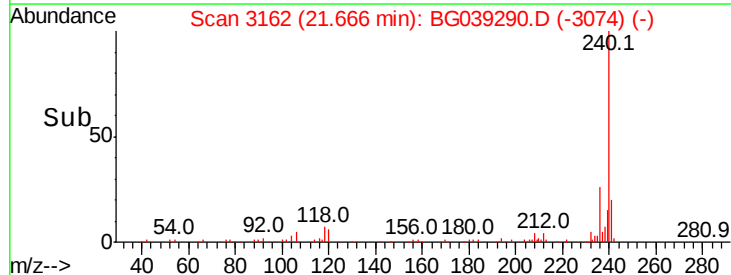
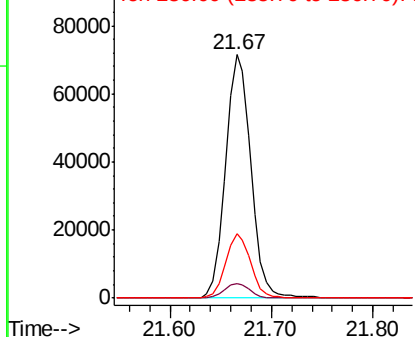


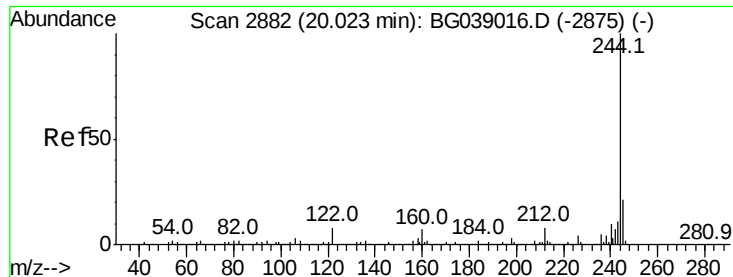
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.02 min
Lab File: BG039290.D
Acq: 25 Jan 2019 22:38

Tgt Ion:240 Resp: 123412
Ion Ratio Lower Upper
240 100
120 6.1 4.3 6.5
236 26.3 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: 71.044 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039290.D

Acq: 25 Jan 2019 22:38

Instrument :

BNA_G

ClientSampleId :

PB116630TB

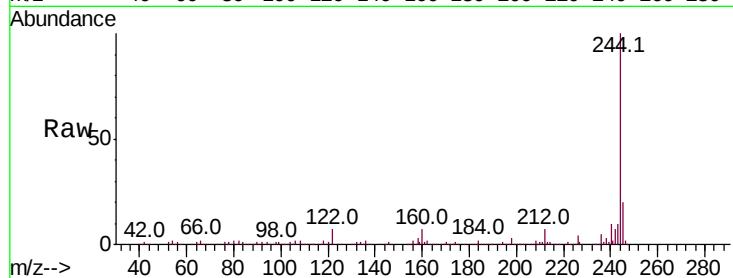
Tot Ion:244 Resp: 473956

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

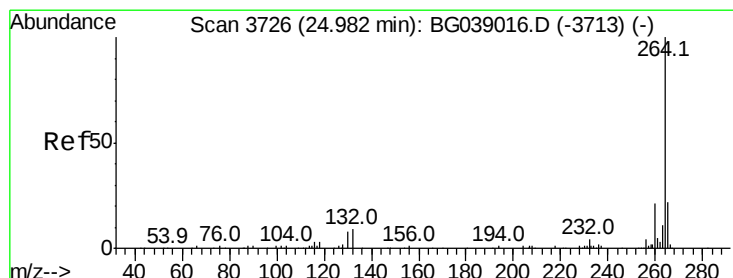
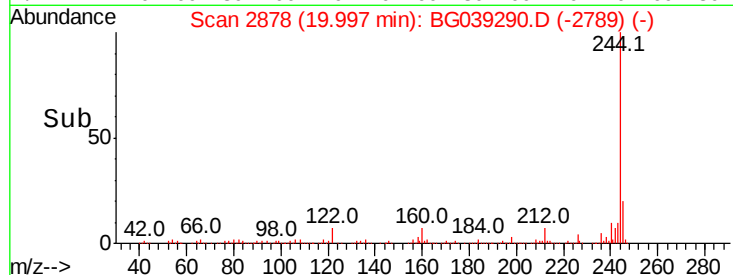
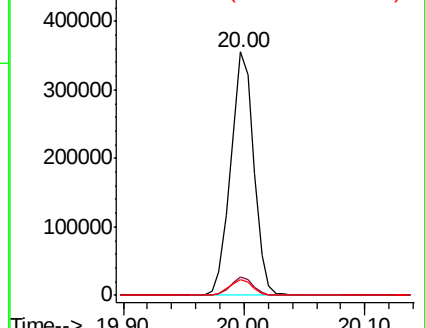
122 6.7 6.1 9.1



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: 24.92 min Scan# 3716

Delta R.T. -0.03 min

Lab File: BG039290.D

Acq: 25 Jan 2019 22:38

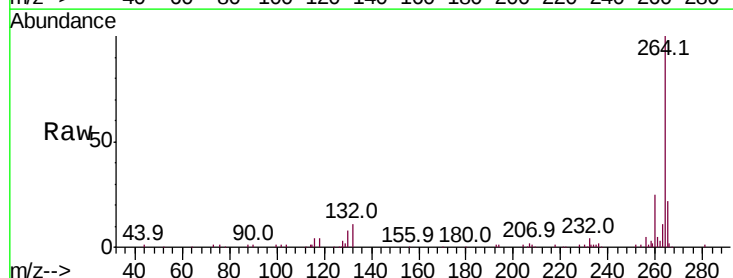
Tgt Ion:264 Resp: 139734

Ion Ratio Lower Upper

264 100

260 24.9 17.0 25.6

265 21.7 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

