

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
 Data File : BG039329.D
 Acq On : 30 Jan 2019 15:53
 Operator : JU/SJ
 Sample : PB116707BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116707BL

Quant Time: Jan 30 17:34:31 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	8.18	152	38020	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	167289	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	108213	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	274774	20.00	ng	0.00
76) Chrysene-d12	21.84	240	304909	20.00	ng	0.00
87) Perylene-d12	25.23	264	296252	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	358132	161.22	ng	0.00
7) Phenol-d6	7.32	99	508796	155.60	ng	0.00
23) Nitrobenzene-d5	9.36	82	286801	107.10	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	178256	152.97	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	729980	96.77	ng	0.00
79) Terphenyl-d14	20.15	244	1273418	88.40	ng	0.00

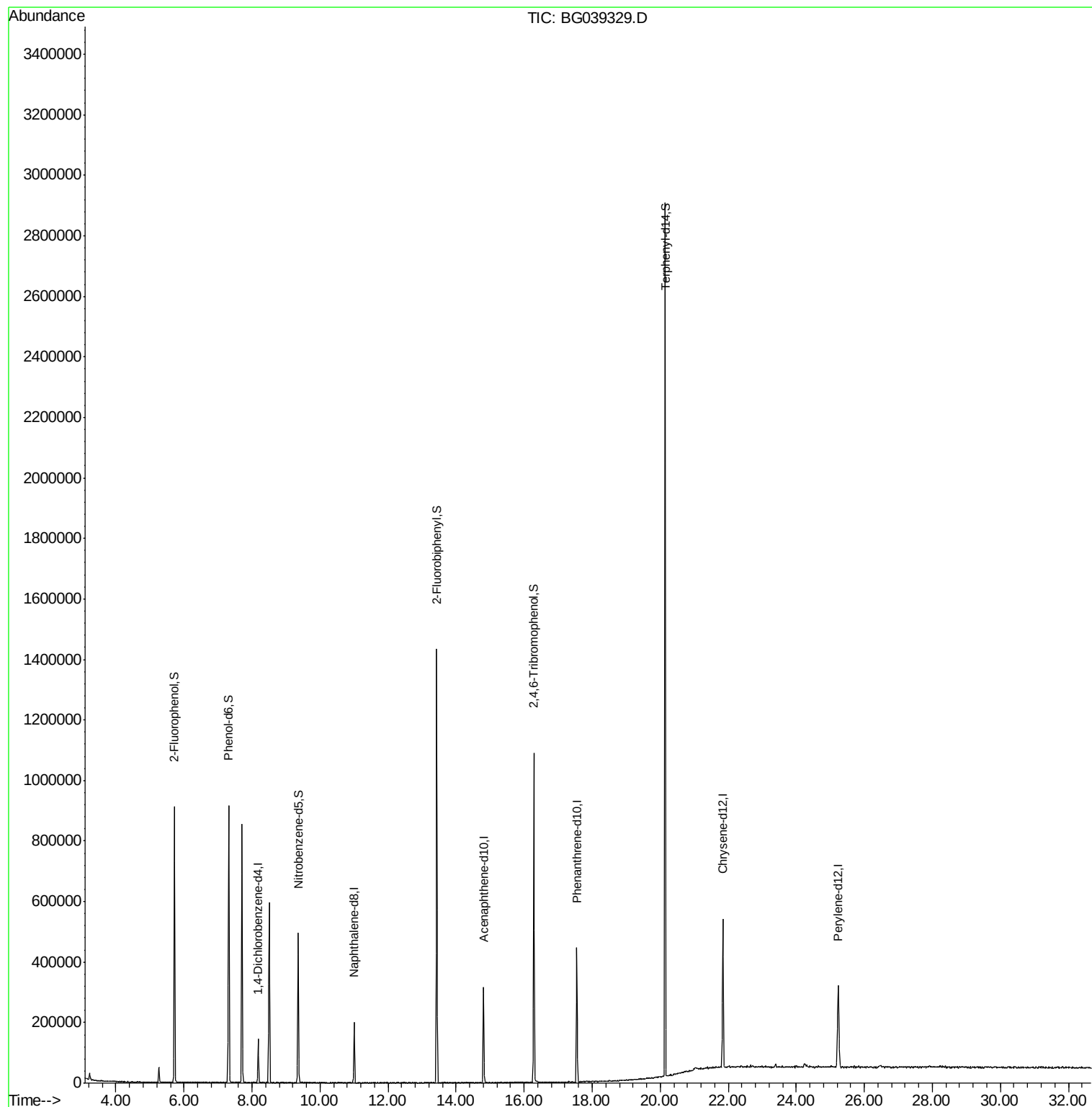
Target Compounds Qvalue

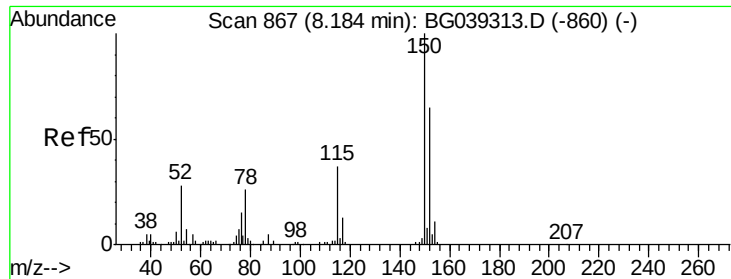
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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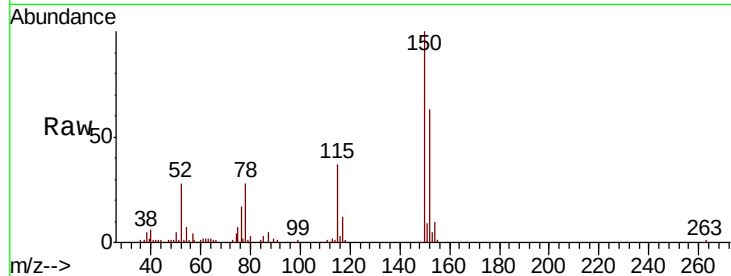


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039329.D
Acq: 30 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116707BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.7	185.5
115	58.4	45.9	68.9

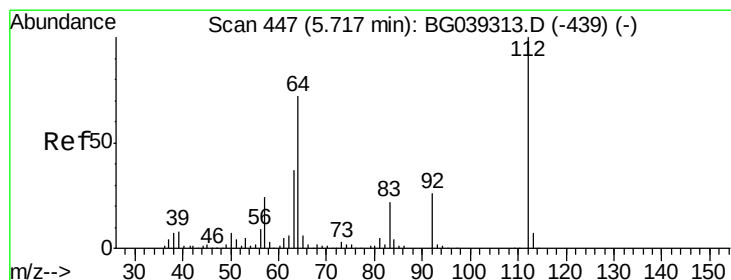
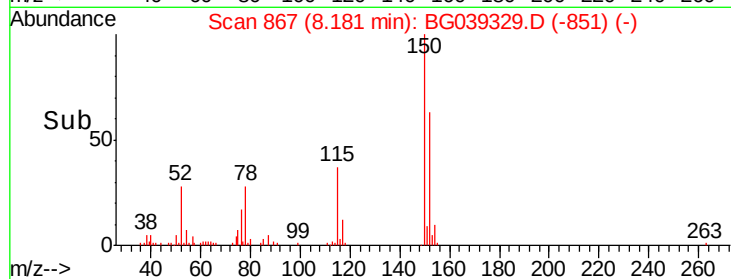
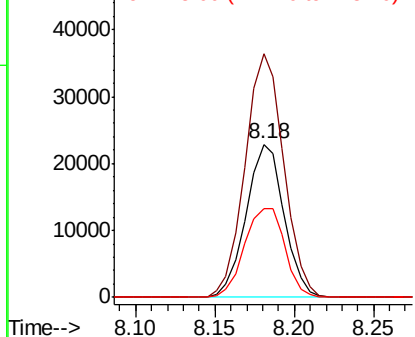


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

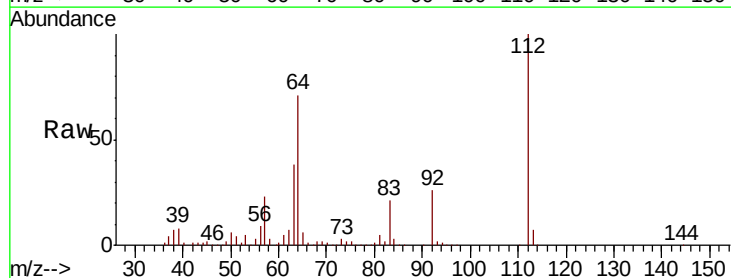
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 161.217 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039329.D
Acq: 30 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	57.8	86.8
63	37.6	29.8	44.6

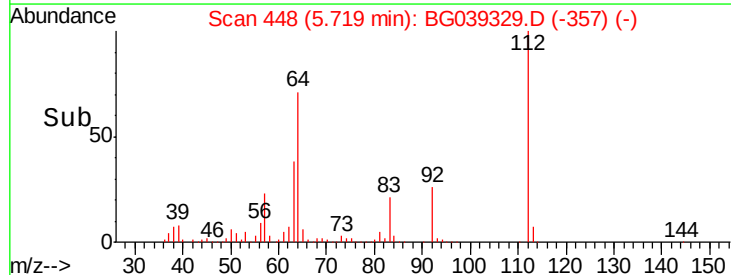
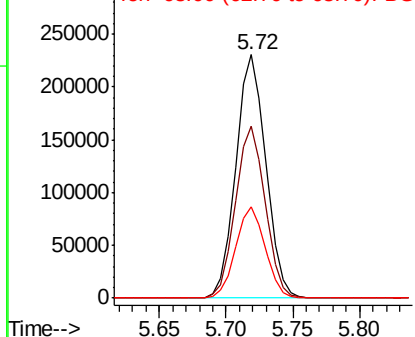


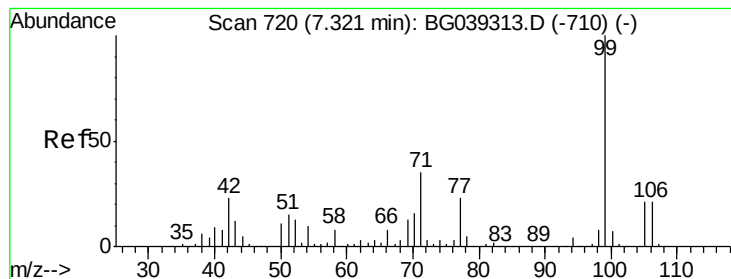
Abundance

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: 155.601 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039329.D

Acq: 30 Jan 2019 15:53

Instrument :

BNA_G

ClientSampleId :

PB116707BL

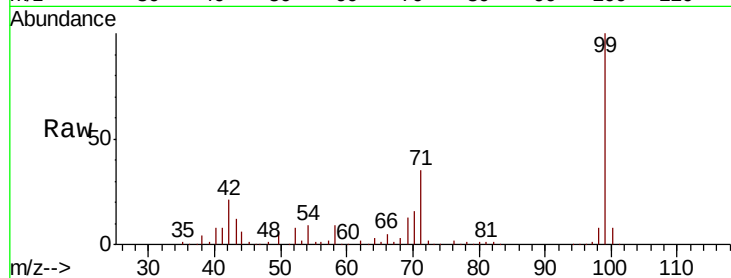
Tot Ion: 99 Resp: 508796

Ion Ratio Lower Upper

99 100

42 20.7 18.2 27.2

71 35.4 28.0 42.0

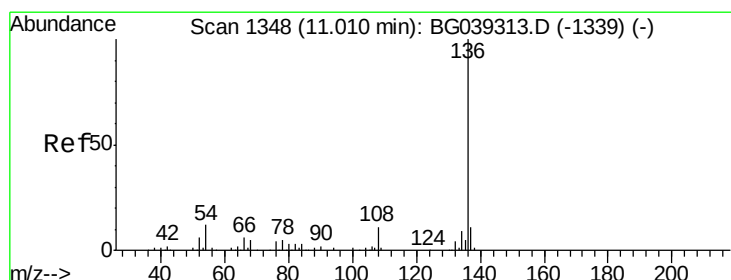
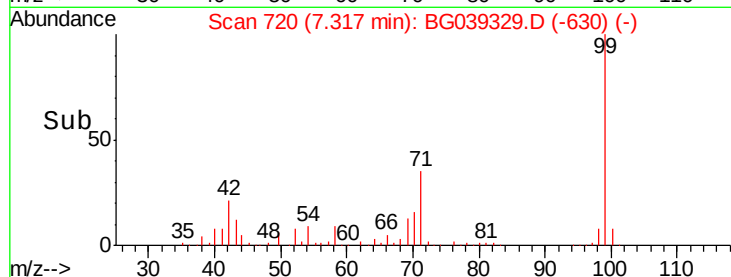
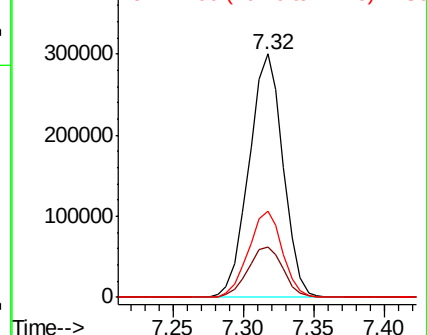


Abundance

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: 11.01 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BG039329.D

Acq: 30 Jan 2019 15:53

Tgt Ion: 136 Resp: 167289

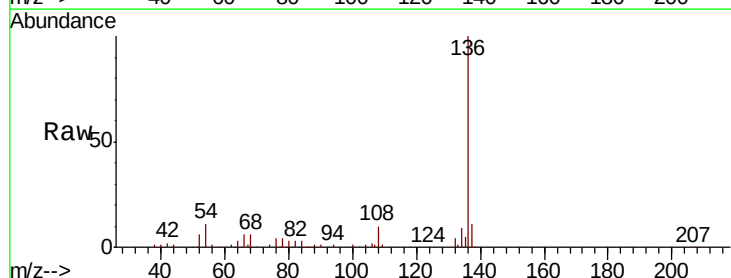
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 11.3 9.4 14.2

68 5.9 4.2 6.4



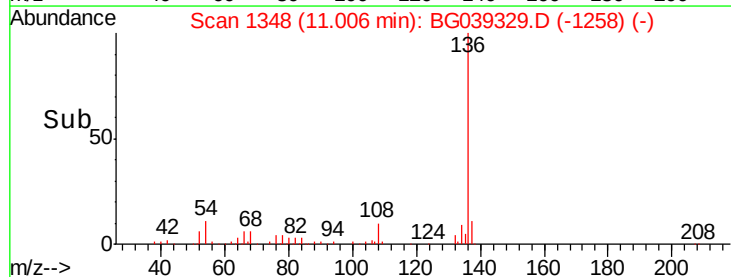
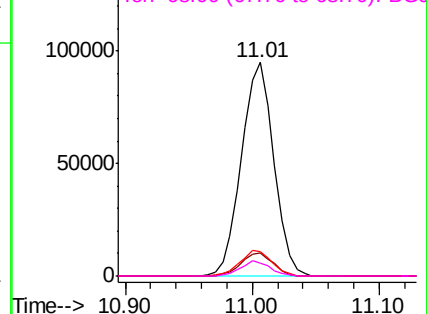
Abundance

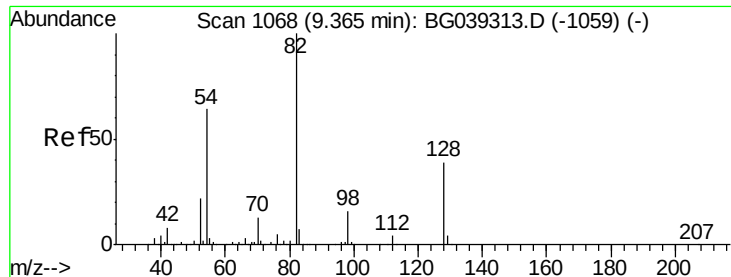
Ion 136.00 (135.70 to 136.70): BGC

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

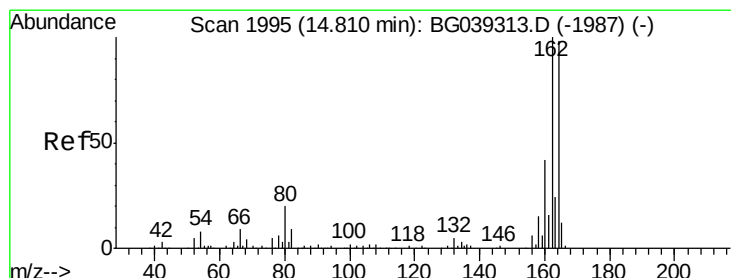
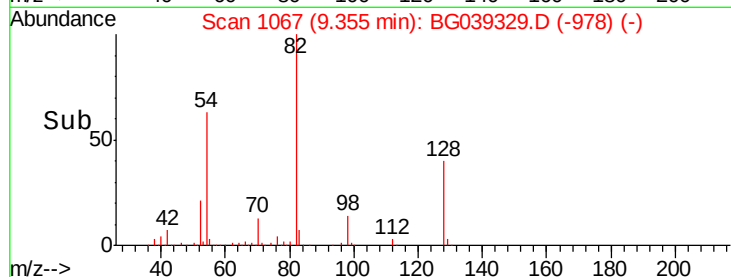
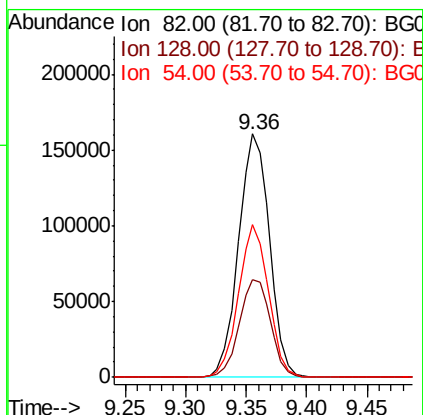
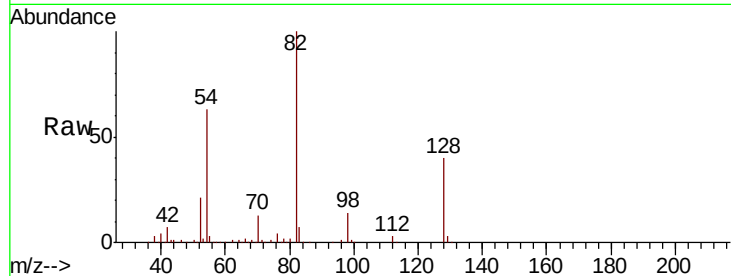




#23
 Nitrobenzene-d5
 Concen: 107.102 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BG039329.D
 Acq: 30 Jan 2019 15:53

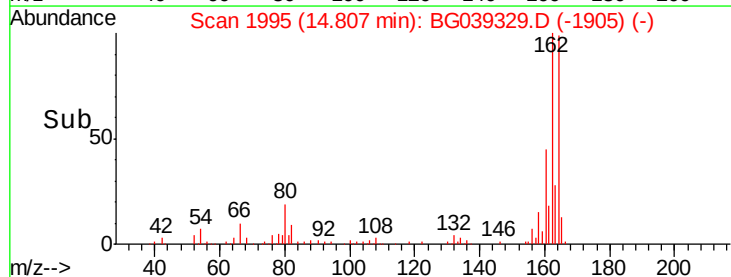
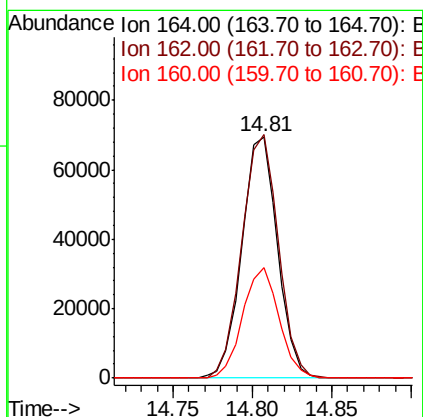
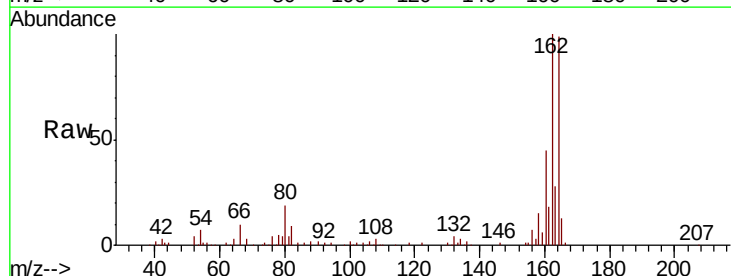
Instrument :
 BNA_G
 ClientSampleId :
 PB116707BL

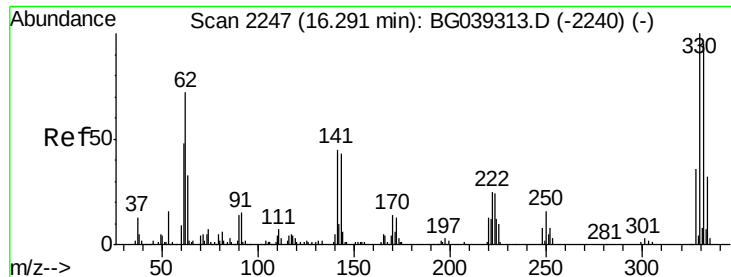
Tot Ion	82.00	Resp	286801
Ion Ratio	Lower	Upper	
82	100		
128	40.4	31.3	46.9
54	62.5	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.81 min Scan# 1995
 Delta R.T. -0.00 min
 Lab File: BG039329.D
 Acq: 30 Jan 2019 15:53

Tgt Ion	164	Resp	108213
Ion Ratio	Lower	Upper	
164	100		
162	100.8	81.6	122.4
160	45.8	34.2	51.2

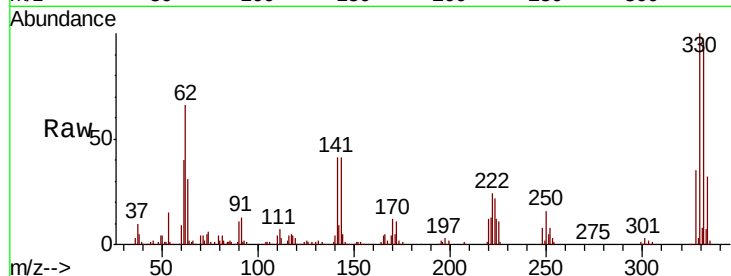




#42
 2,4,6-Tribromophenol
 Concen: 152.974 ng
 RT: 16.29 min Scan# 2247
 Delta R.T. -0.00 min
 Lab File: BG039329.D
 Acq: 30 Jan 2019 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB116707BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.7	113.5
141	42.7	35.6	53.4

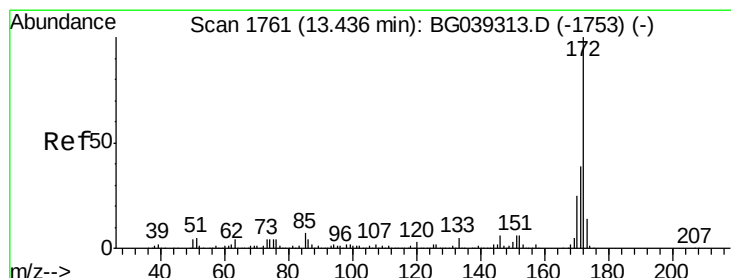
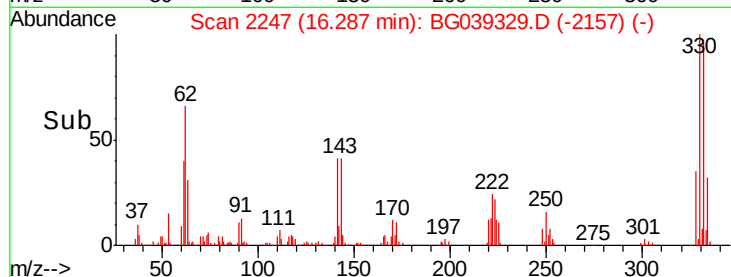
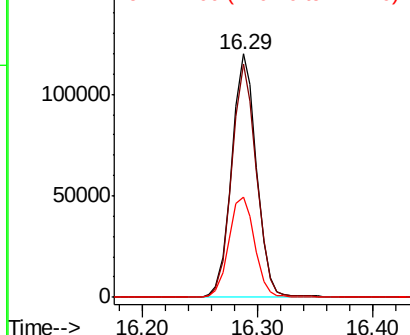


Abundance

Ion 329.80 (329.50 to 330.50): E

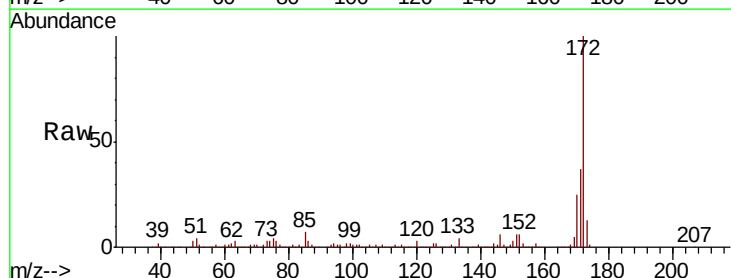
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 96.771 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG039329.D
 Acq: 30 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.8	46.2
170	24.8	20.2	30.4

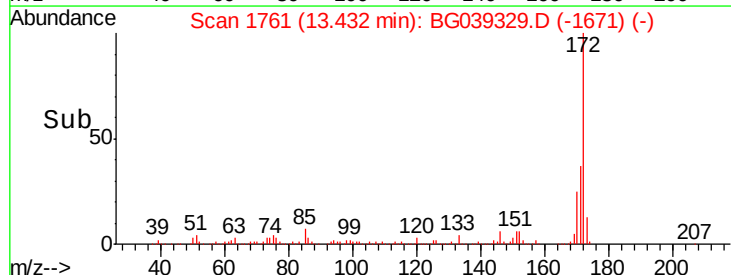
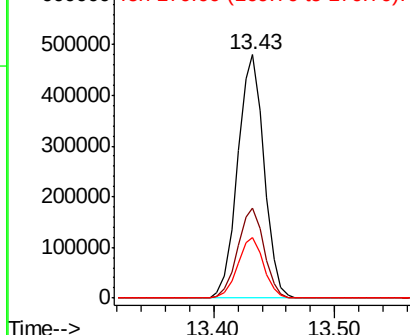


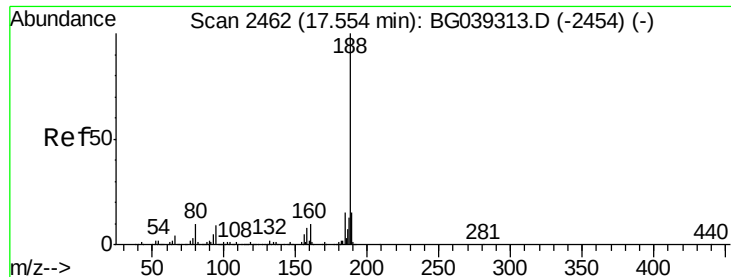
Abundance

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: 17.55 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG039329.D

Acq: 30 Jan 2019 15:53

Instrument :

BNA_G

ClientSampleId :

PB116707BL

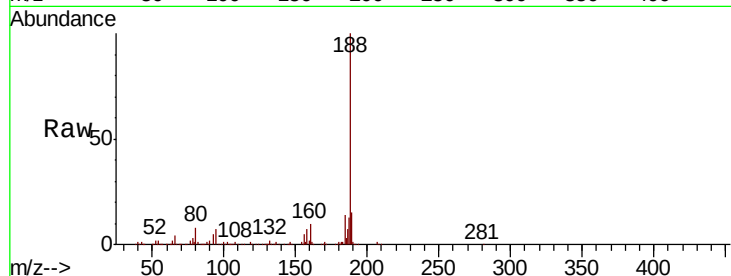
Tot Ion:188 Resp: 274774

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

80 8.1 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

250000

200000

150000

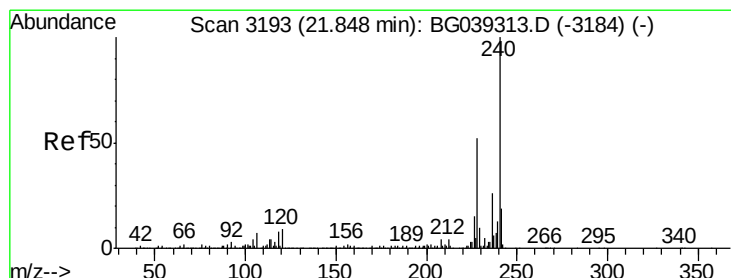
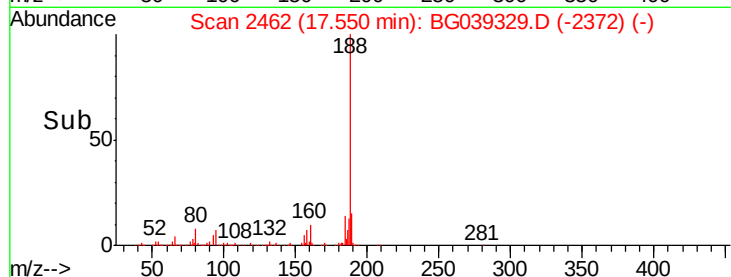
100000

50000

0

17.45 17.50 17.55 17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.84 min Scan# 3193

Delta R.T. -0.00 min

Lab File: BG039329.D

Acq: 30 Jan 2019 15:53

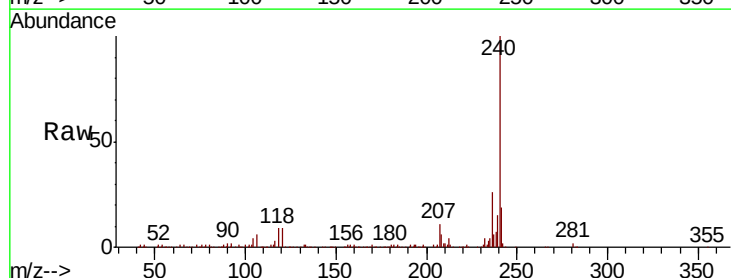
Tgt Ion:240 Resp: 304909

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

236 25.6 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

250000

200000

150000

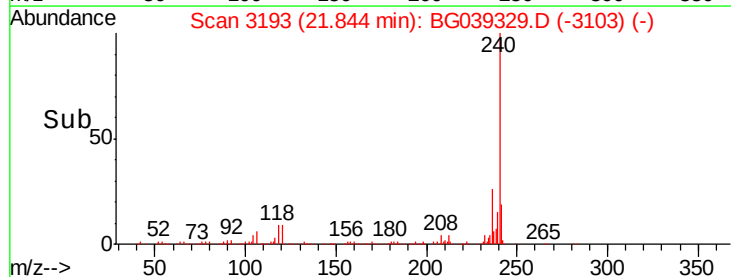
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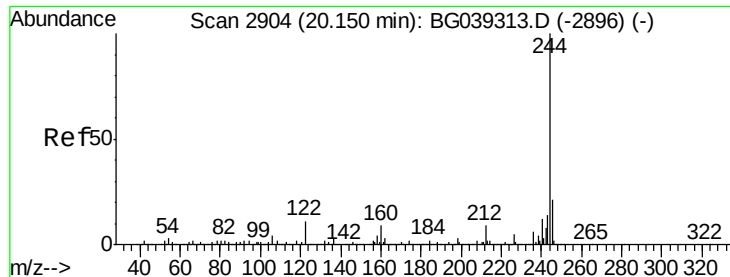
50000

0

21.80 21.84 21.88 21.92

Time-->





#79

Terphenyl-d14

Concen: 88.401 ng

RT: 20.15 min Scan# 2904

Delta R.T. -0.00 min

Lab File: BG039329.D

Acq: 30 Jan 2019 15:53

Instrument :

BNA_G

ClientSampleId :

PB116707BL

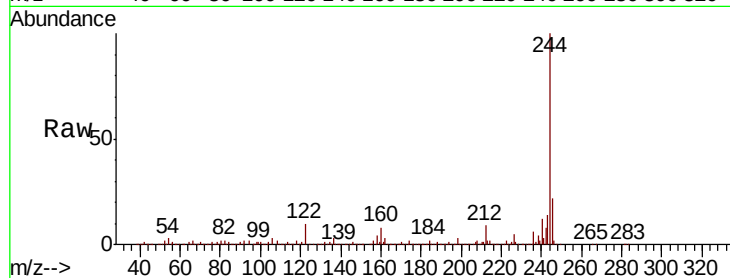
Tot Ion:244 Resp: 1273418

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	9.9	8.4	12.6

244 100

212 9.0 7.3 10.9

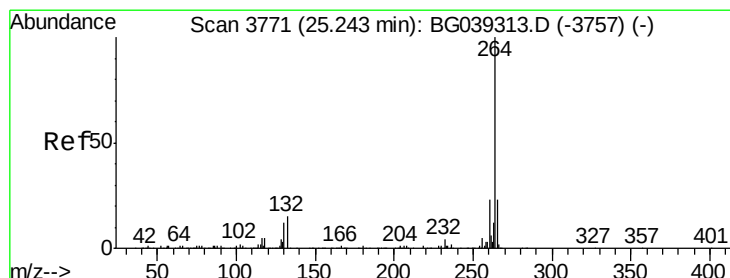
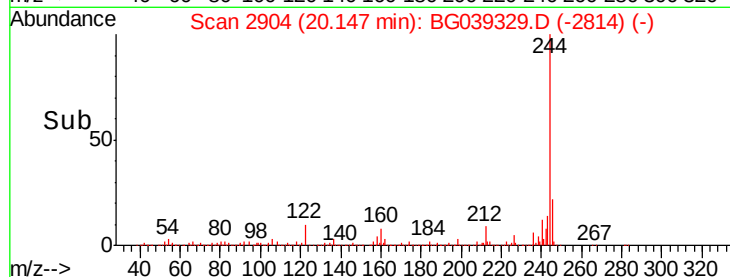
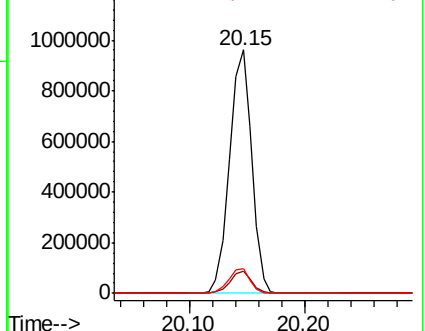
122 9.9 8.4 12.6



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: 25.23 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BG039329.D

Acq: 30 Jan 2019 15:53

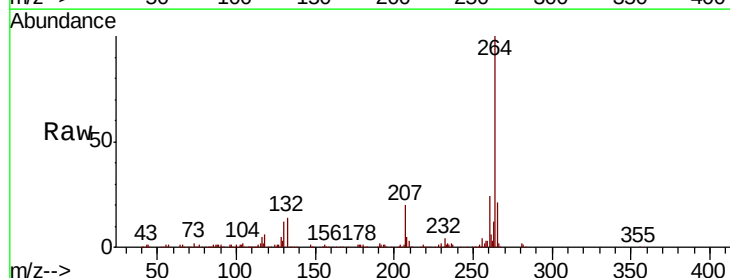
Tgt Ion:264 Resp: 296252

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	20.7	18.5	27.7

264 100

260 23.5 18.2 27.4

265 20.7 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

