

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
 Data File : BG039570.D
 Acq On : 20 Feb 2019 1:00
 Operator : JU/SJ
 Sample : PB117221BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117221BL

Quant Time: Feb 20 01:43:37 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	8.16	152	45219	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	196308	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	142088	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	358425	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	369587	20.00	ng	-0.03
87) Perylene-d12	25.19	264	339164	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	403694	152.80	ng	0.00
7) Phenol-d6	7.32	99	595968	153.24	ng	0.00
23) Nitrobenzene-d5	9.34	82	340100	108.23	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	241262	157.68	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	864918	87.32	ng	-0.02
79) Terphenyl-d14	20.12	244	1455478	83.36	ng	-0.03

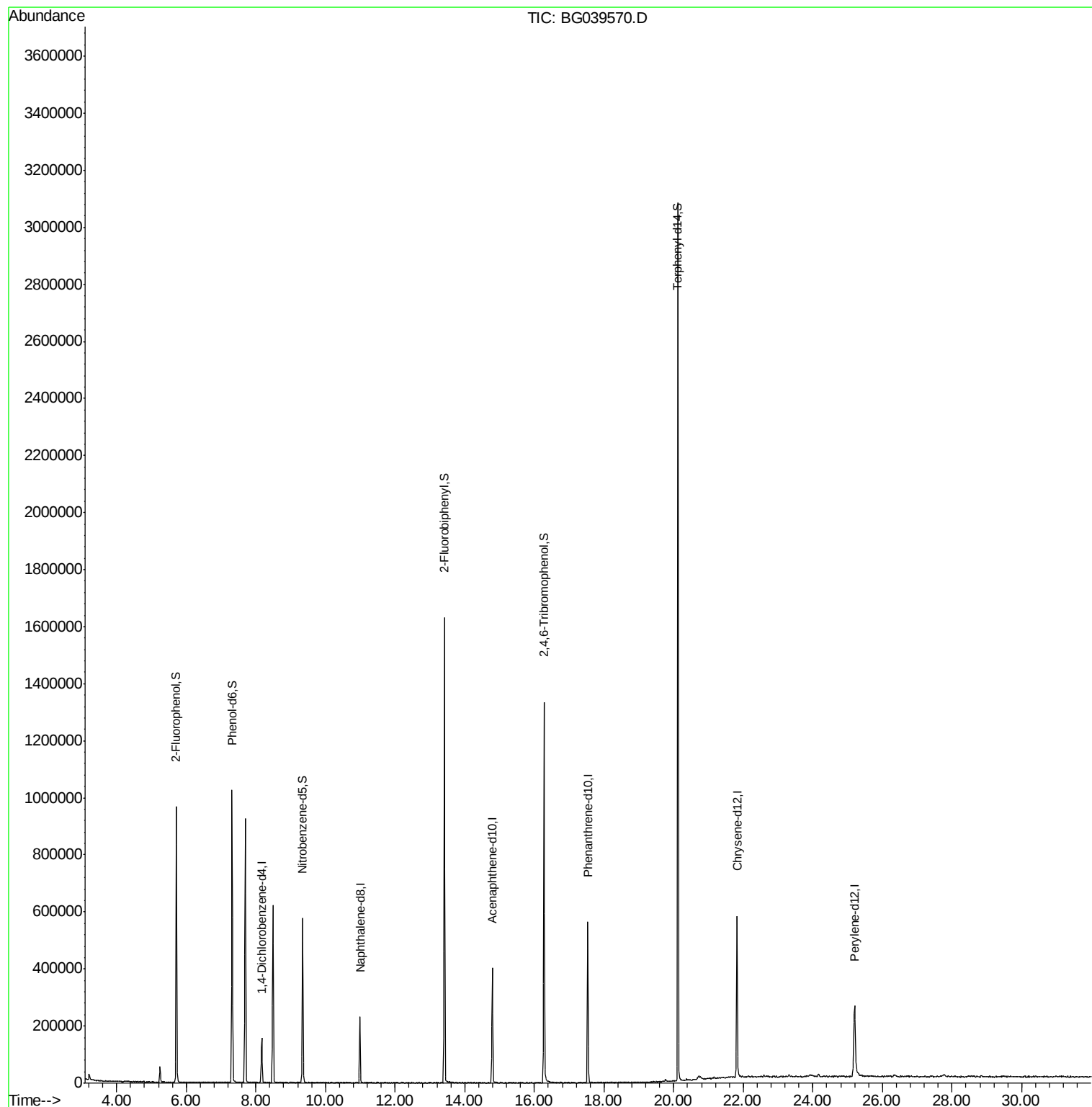
Target Compounds Qvalue

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

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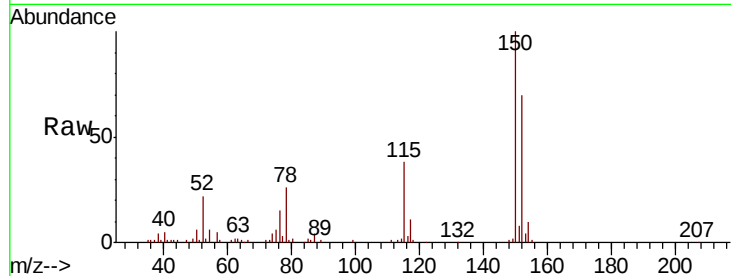


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039570.D
Acq: 20 Feb 2019 1:00

Instrument :
BNA_G
ClientSampled :
PB117221BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.6	123.7	185.5
115	54.1	45.9	68.9

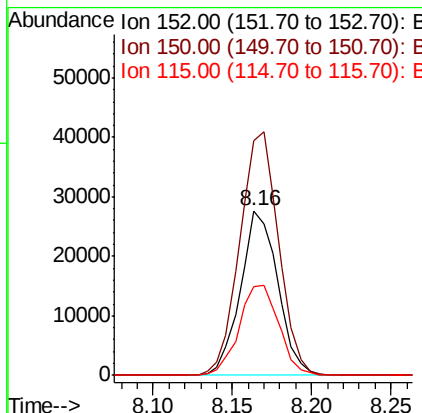
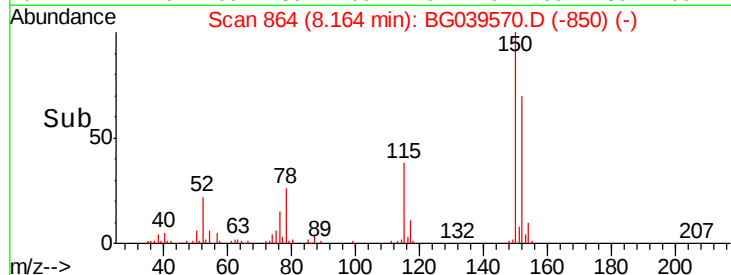


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

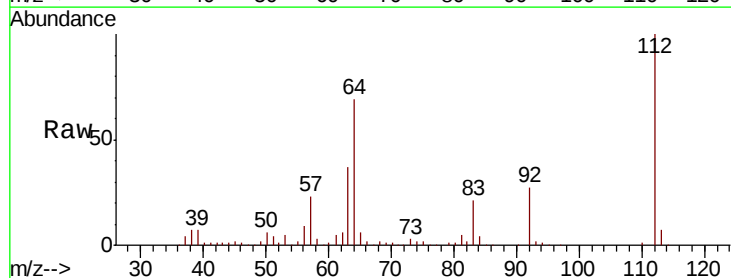
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 152.795 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039570.D
Acq: 20 Feb 2019 1:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	57.8	86.8
63	37.3	29.8	44.6

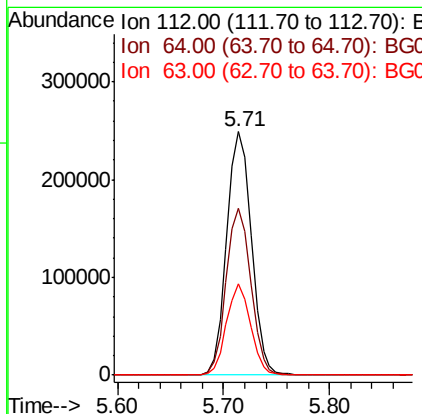
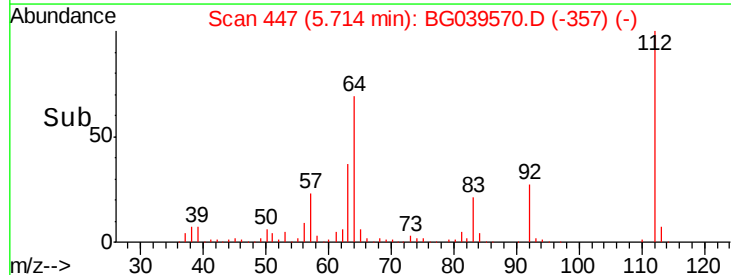


Abundance

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: 153.243 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039570.D

Acq: 20 Feb 2019 1:00

Instrument :

BNA_G

ClientSampleId :

PB117221BL

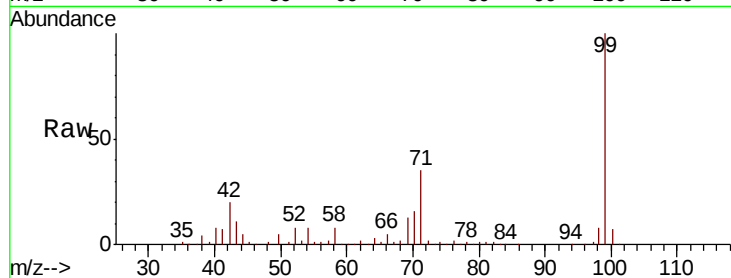
Tot Ion: 99 Resp: 595968

Ion Ratio Lower Upper

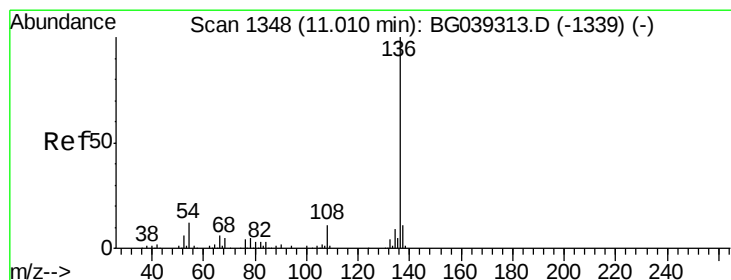
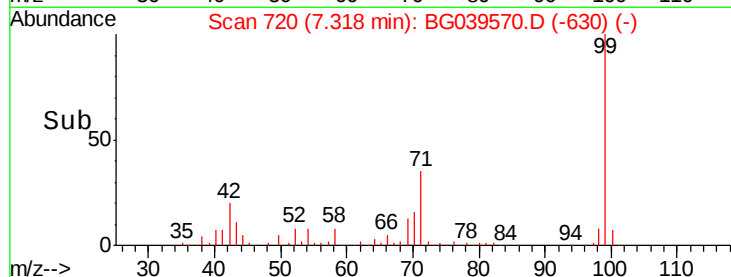
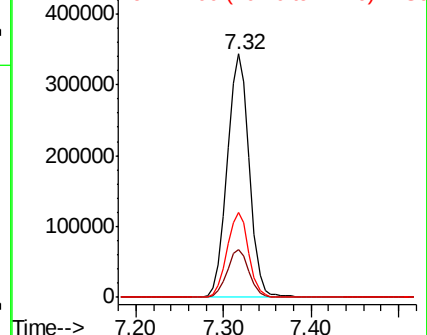
99 100

42 19.8 18.2 27.2

71 34.7 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: BG039570.D

Acq: 20 Feb 2019 1:00

Tgt Ion: 136 Resp: 196308

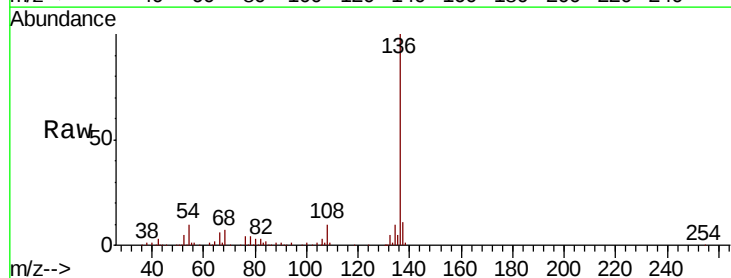
Ion Ratio Lower Upper

136 100

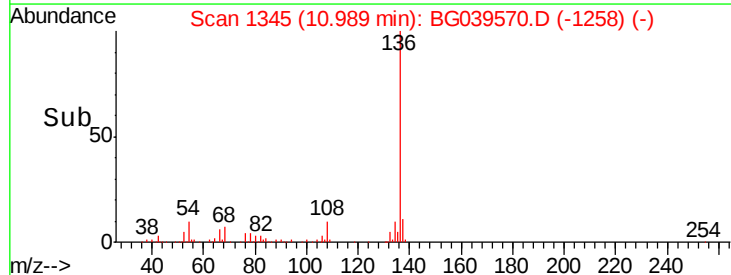
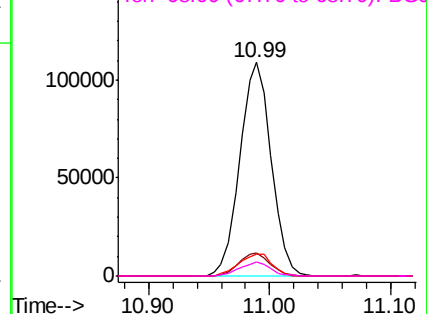
137 10.8 9.1 13.7

54 10.4 9.4 14.2

68 6.8 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

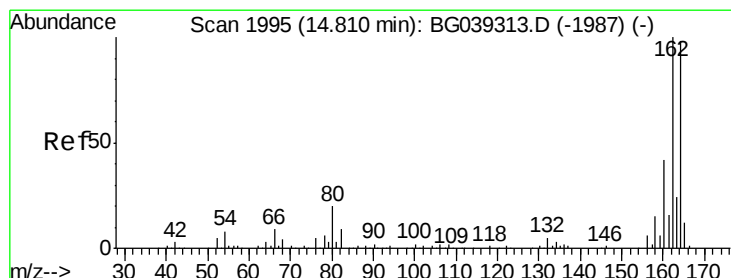
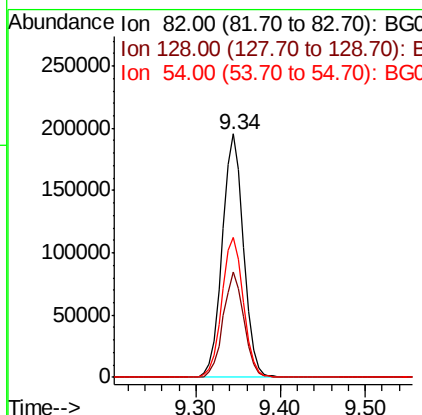
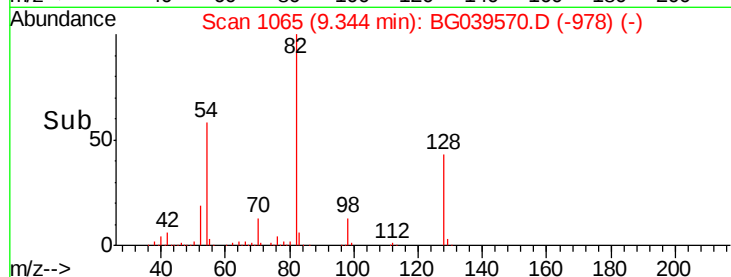
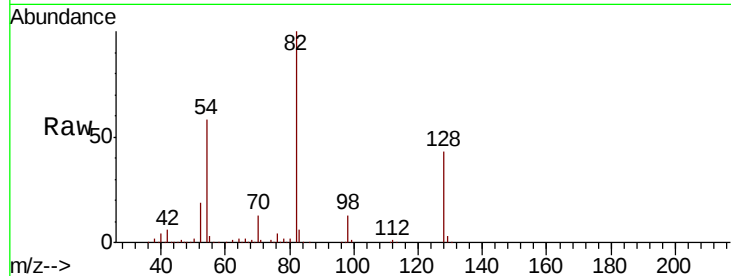




#23
 Nitrobenzene-d5
 Concen: 108.231 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039570.D
 Acq: 20 Feb 2019 1:00

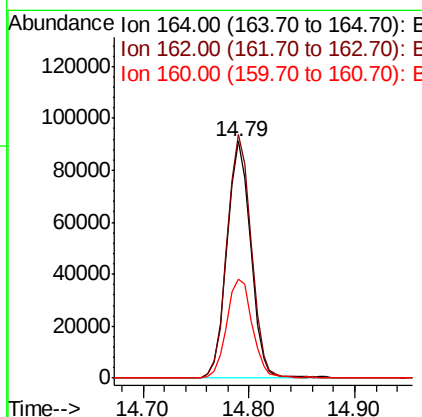
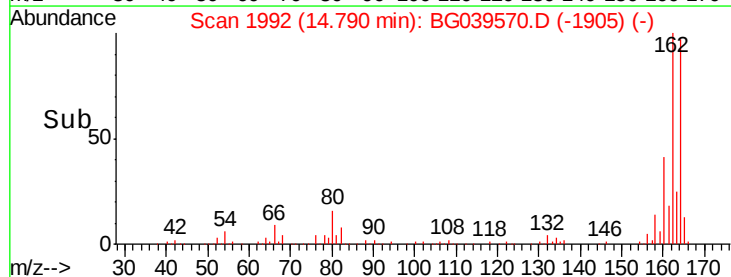
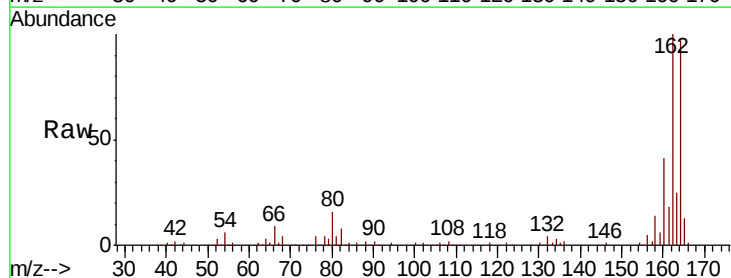
Instrument :
 BNA_G
 ClientSampleId :
 PB117221BL

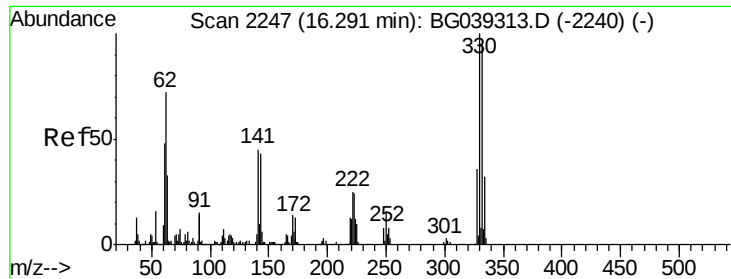
Tot Ion	82	Resp	340100
Ion Ratio	Lower	Upper	
82	100		
128	43.1	31.3	46.9
54	57.5	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BG039570.D
 Acq: 20 Feb 2019 1:00

Tgt Ion	164	Resp	142088
Ion Ratio	Lower	Upper	
164	100		
162	102.7	81.6	122.4
160	41.9	34.2	51.2

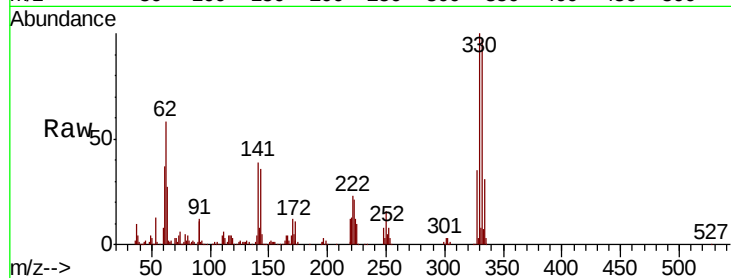




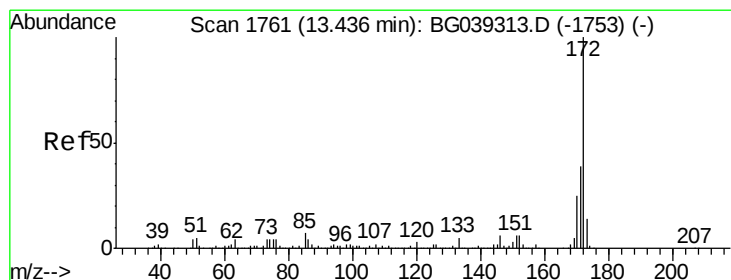
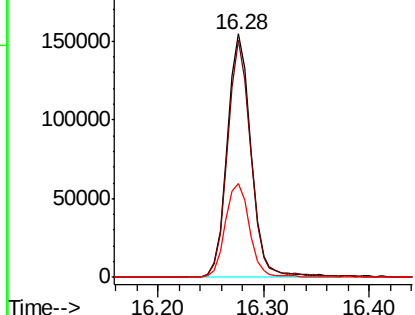
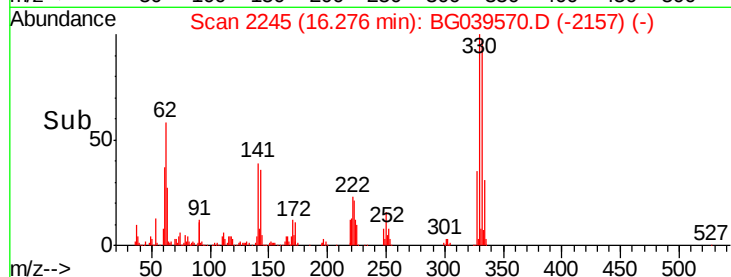
#42
 2,4,6-Tribromophenol
 Concen: 157.683 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039570.D
 Acq: 20 Feb 2019 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB117221BL

Tot Ion:330 Resp: 241262
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.7 113.5
 141 39.8 35.6 53.4

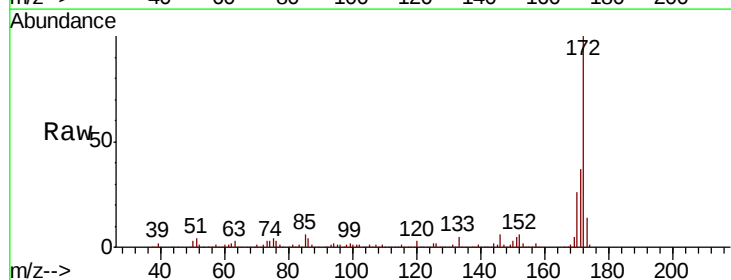


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

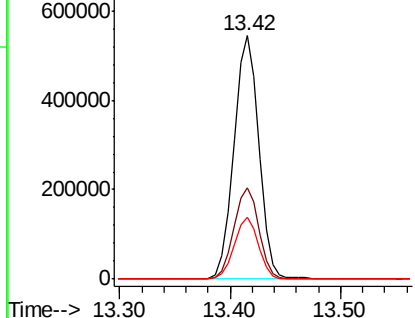
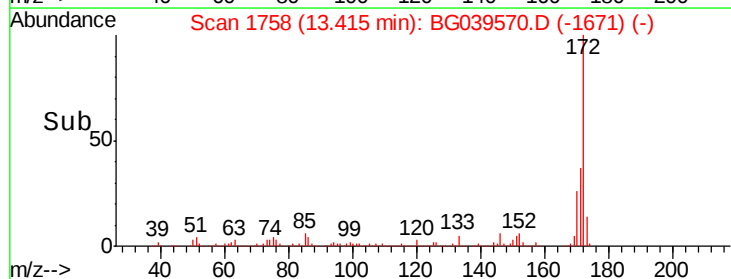


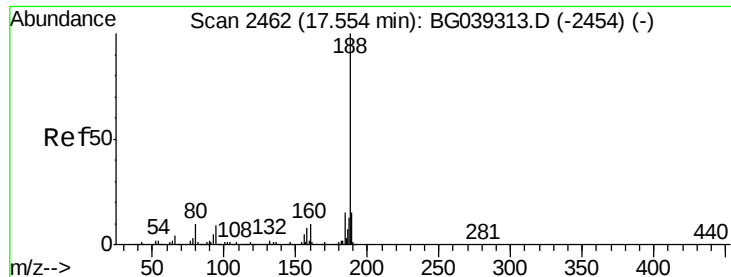
#45
 2-Fluorobiphenyl
 Concen: 87.324 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039570.D
 Acq: 20 Feb 2019 1:00

Tgt Ion:172 Resp: 864918
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.5 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: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039570.D

Acq: 20 Feb 2019 1:00

Instrument :

BNA_G

ClientSampleId :

PB117221BL

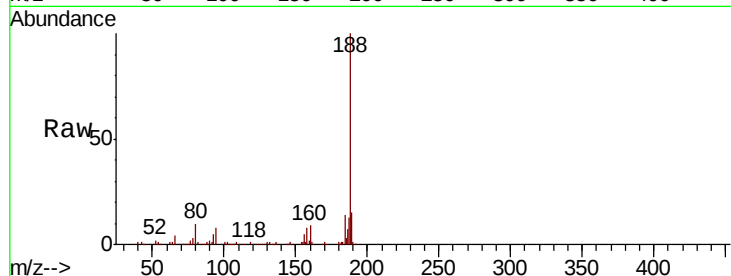
Tot Ion:188 Resp: 358425

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

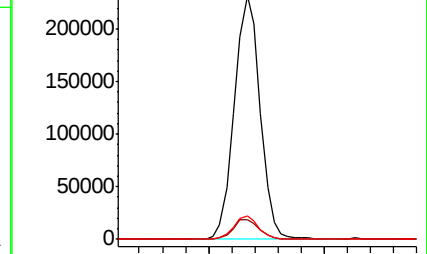
80 9.5 8.1 12.1



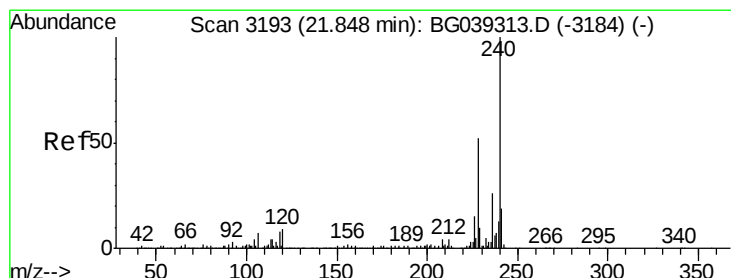
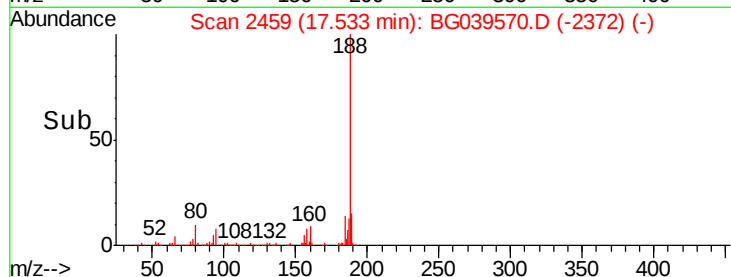
Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039570.D

Acq: 20 Feb 2019 1:00

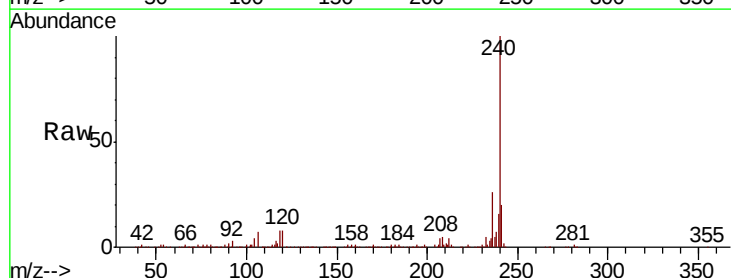
Tgt Ion:240 Resp: 369587

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

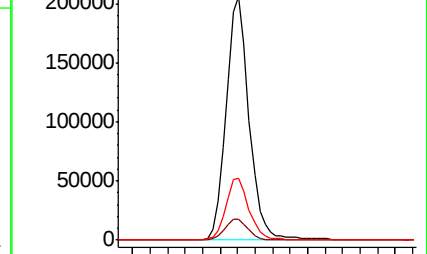
236 25.6 21.0 31.4



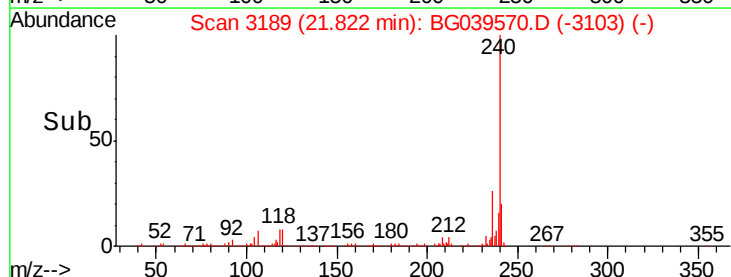
Abundance Ion 240.00 (239.70 to 240.70): E

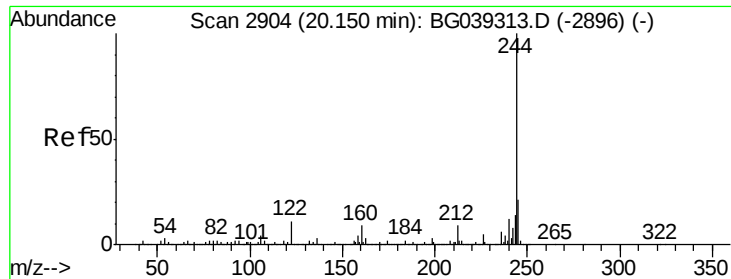
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 83.358 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039570.D

Acq: 20 Feb 2019 1:00

Instrument :

BNA_G

ClientSampleId :

PB117221BL

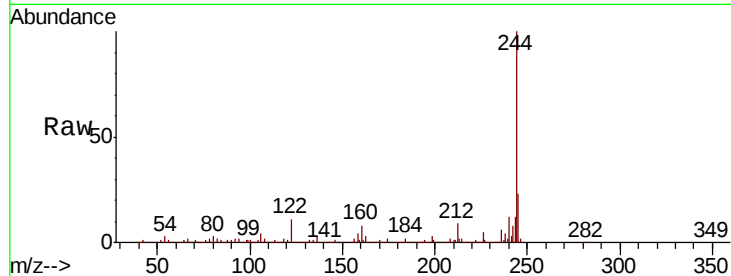
Tot Ion:244 Resp: 1455478

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

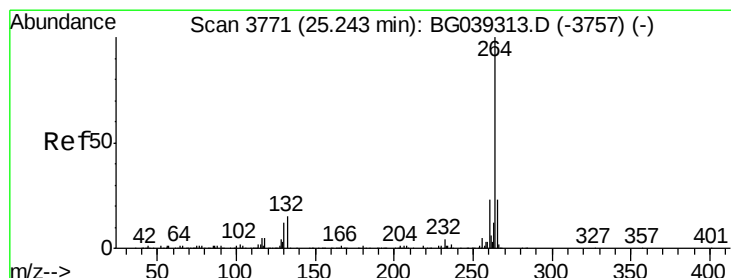
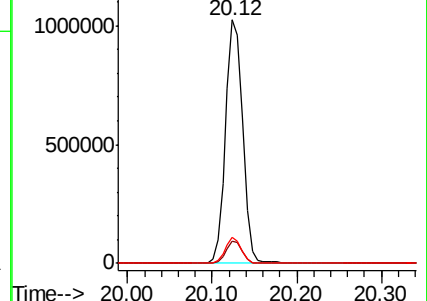
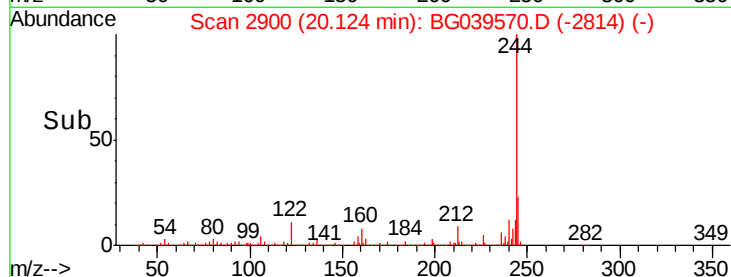
122 10.6 8.4 12.6



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: 25.19 min Scan# 3763

Delta R.T. -0.05 min

Lab File: BG039570.D

Acq: 20 Feb 2019 1:00

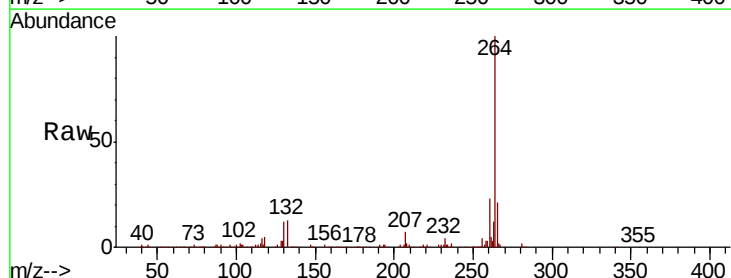
Tgt Ion:264 Resp: 339164

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 20.5 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

