

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039623.D
 Acq On : 27 Feb 2019 6:37
 Operator : JU/SJ
 Sample : PB117340BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117340BL

Quant Time: Feb 27 07:57:33 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	55923	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	238329	20.00	ng	-0.03
39) Acenaphthene-d10	14.79	164	160036	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	396551	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	434587	20.00	ng	-0.03
87) Perylene-d12	25.19	264	427771	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	429570	131.47	ng	0.00
7) Phenol-d6	7.31	99	614222	127.71	ng	0.00
23) Nitrobenzene-d5	9.34	82	345436	90.55	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	164495	95.45	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	874013	78.35	ng	-0.02
79) Terphenyl-d14	20.12	244	1436789	69.98	ng	-0.03

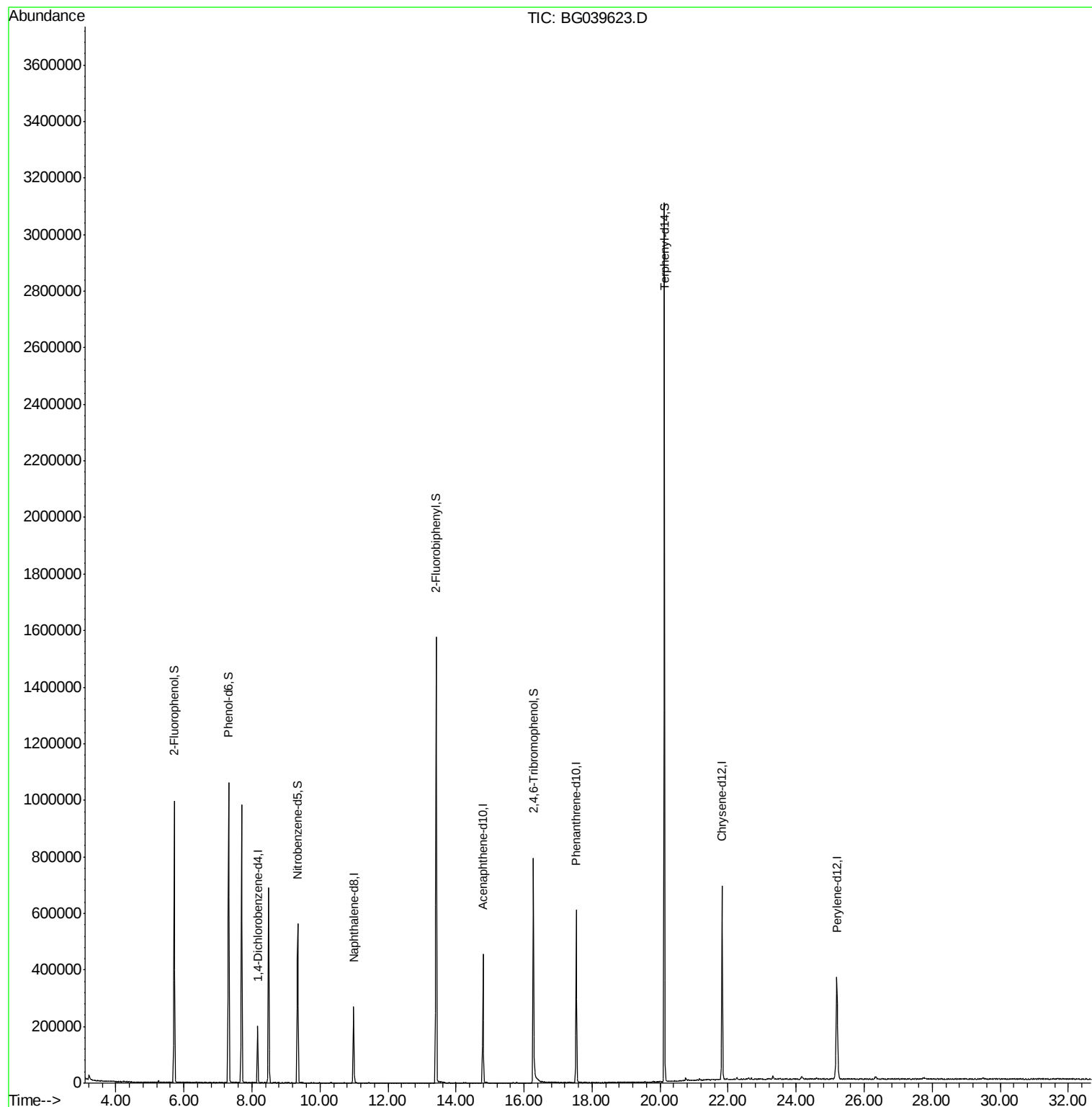
Target Compounds Qvalue

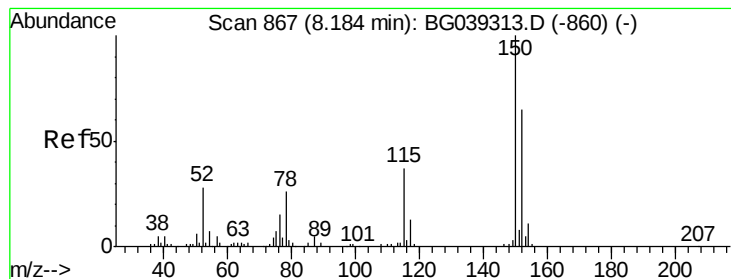
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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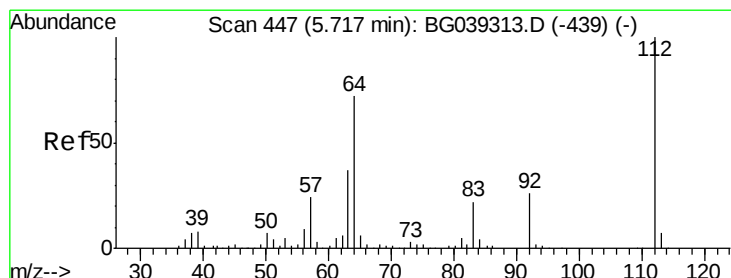
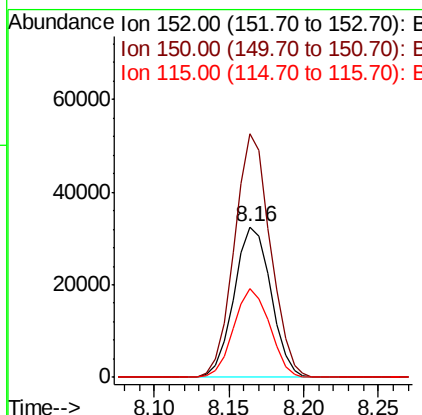
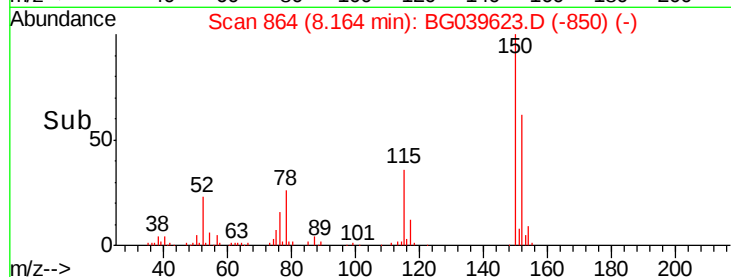
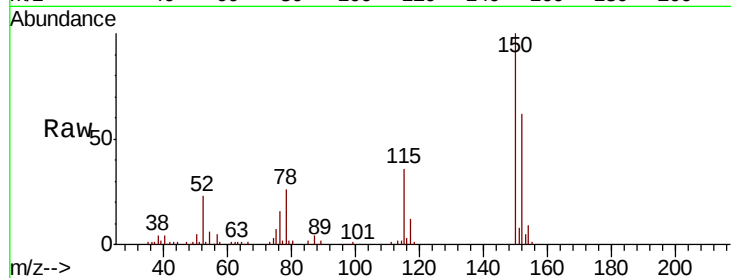


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039623.D
Acq: 27 Feb 2019 6:37

Instrument :
BNA_G
ClientSampleId :
PB117340BL

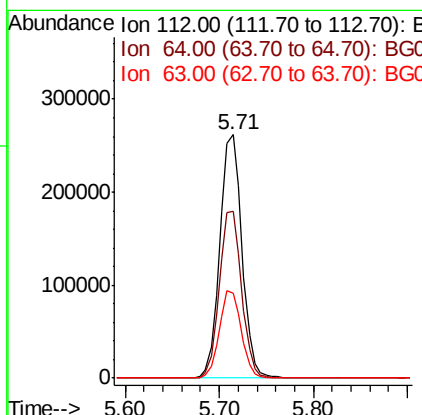
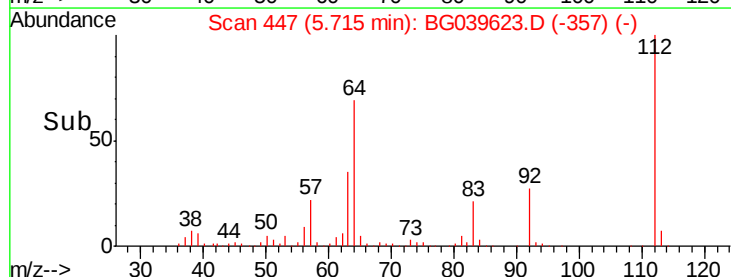
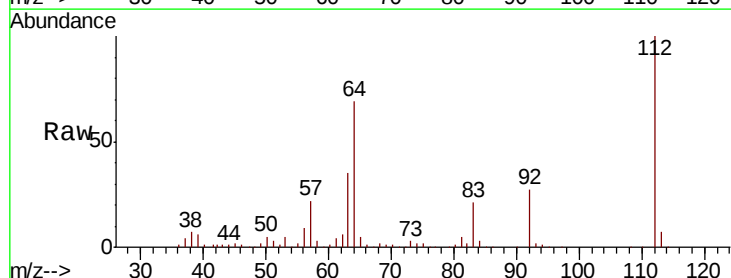
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	123.7	185.5
115	58.6	45.9	68.9

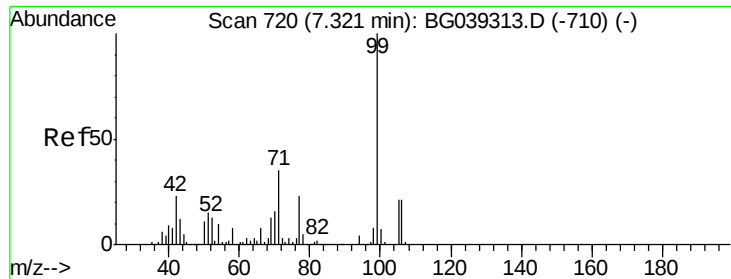


#5

2-Fluorophenol
Concen: 131.469 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039623.D
Acq: 27 Feb 2019 6:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	57.8	86.8
63	34.9	29.8	44.6





#7

Phenol-d6

Concen: 127.707 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039623.D

Acq: 27 Feb 2019 6:37

Instrument :

BNA_G

ClientSampleId :

PB117340BL

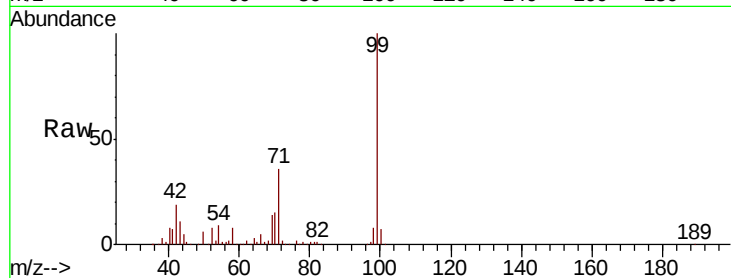
Tot Ion: 99 Resp: 614222

Ion Ratio Lower Upper

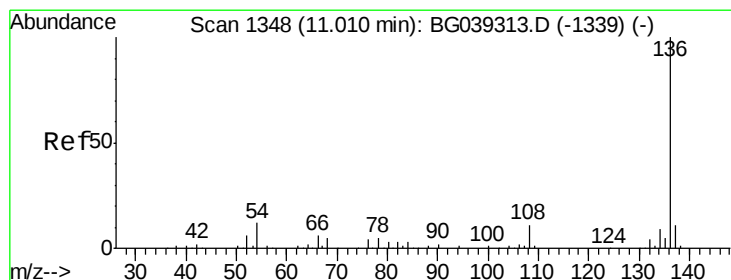
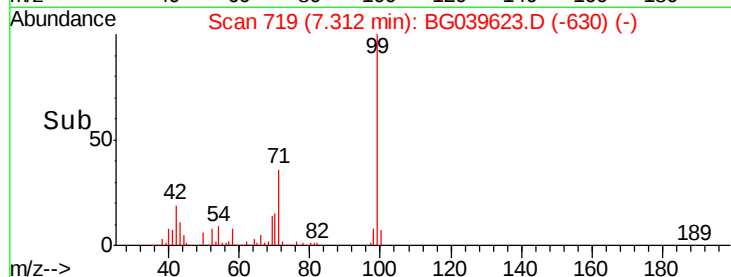
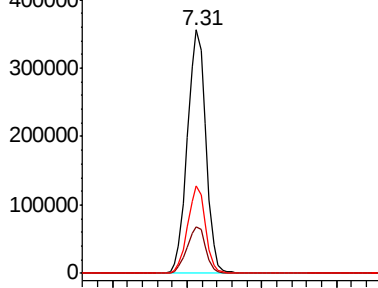
99 100

42 19.2 18.2 27.2

71 36.2 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: 10.98 min Scan# 1344

Delta R.T. -0.03 min

Lab File: BG039623.D

Acq: 27 Feb 2019 6:37

Tgt Ion: 136 Resp: 238329

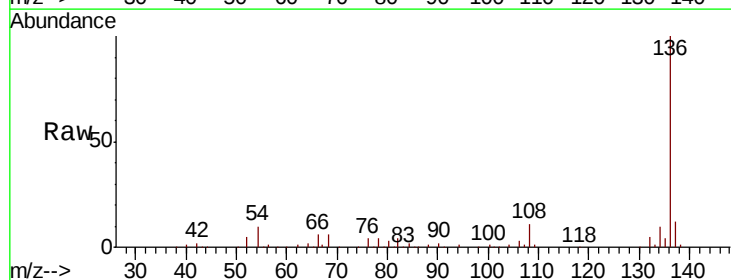
Ion Ratio Lower Upper

136 100

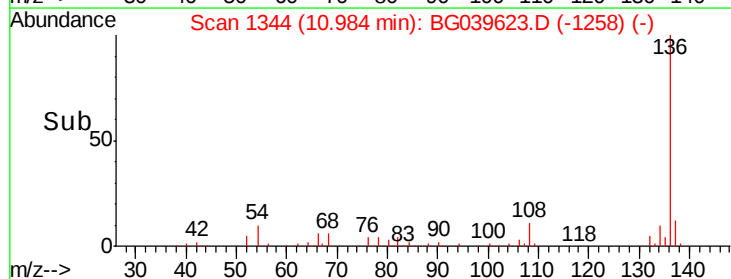
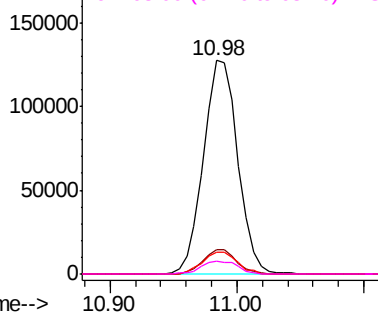
137 11.7 9.1 13.7

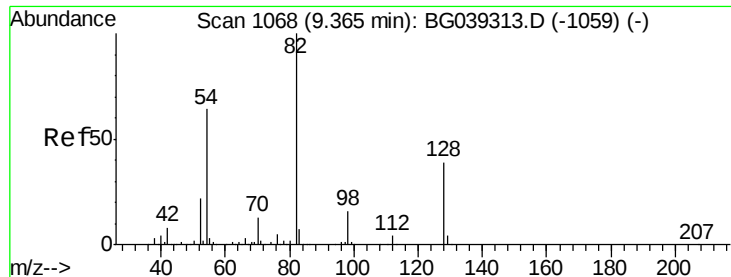
54 10.2 9.4 14.2

68 6.3 4.2 6.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

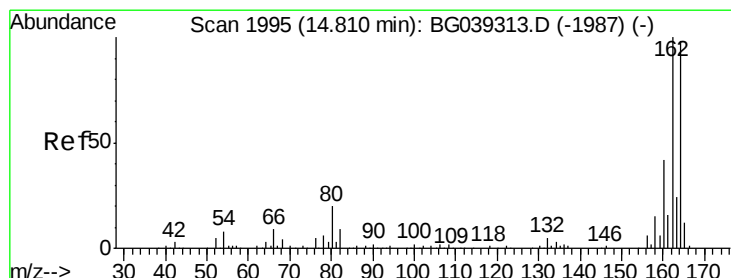
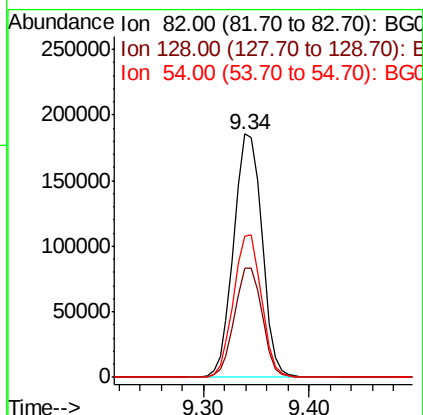
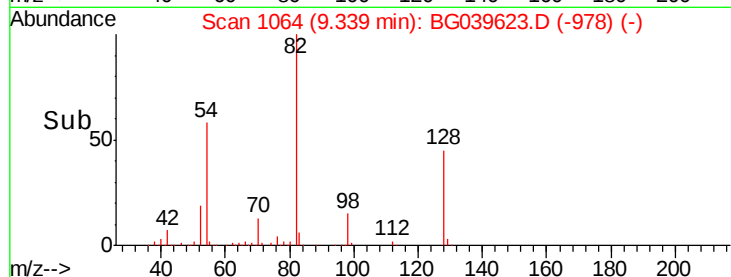
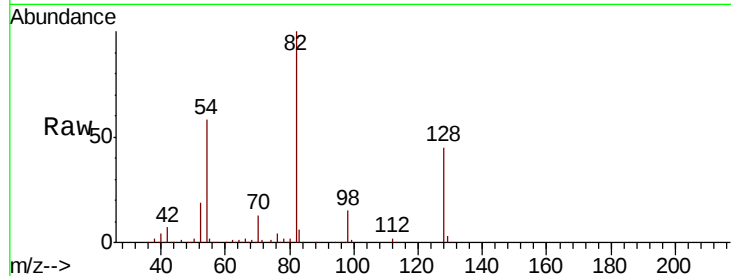




#23
Nitrobenzene-d5
Concen: 90.547 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BG039623.D
Acq: 27 Feb 2019 6:37

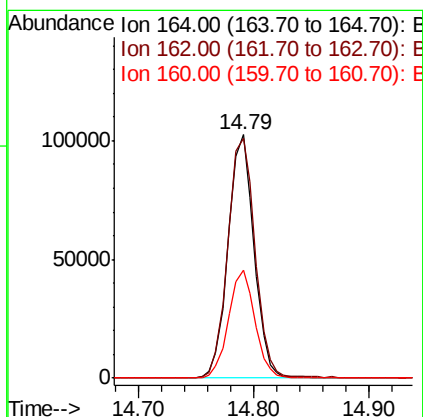
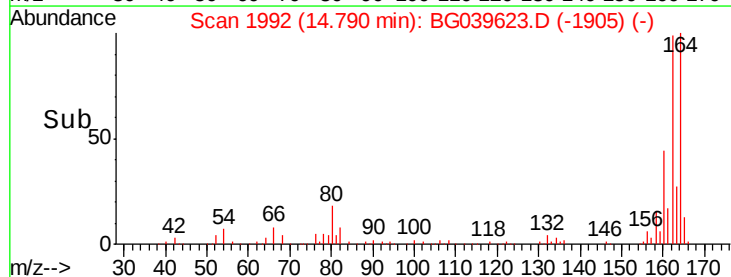
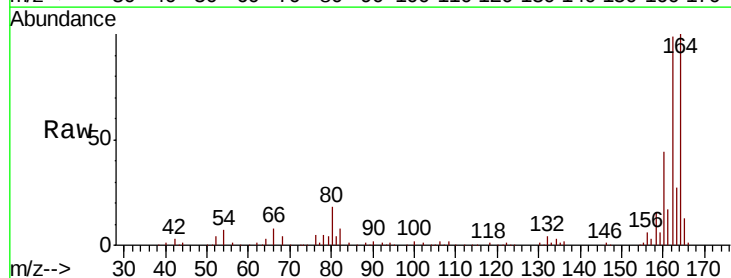
Instrument :
BNA_G
ClientSampleId :
PB117340BL

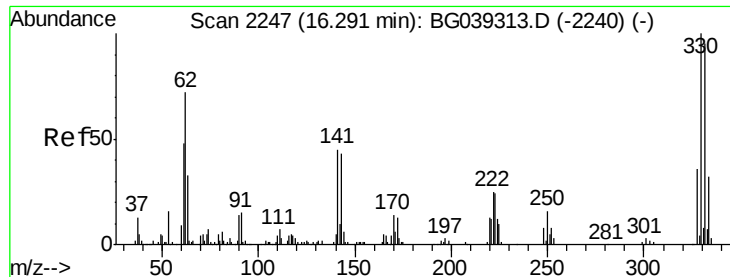
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	31.3	46.9
54	57.9	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039623.D
Acq: 27 Feb 2019 6:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	81.6	122.4
160	44.4	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 95.453 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039623.D

Acq: 27 Feb 2019 6:37

Instrument :

BNA_G

ClientSampleId :

PB117340BL

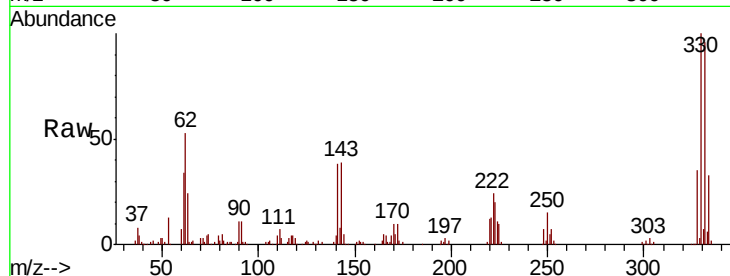
Tot Ion:330 Resp: 164495

Ion Ratio Lower Upper

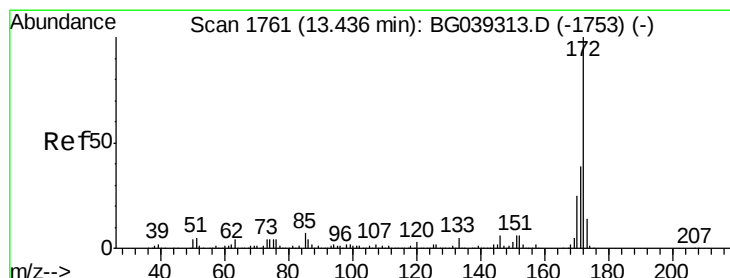
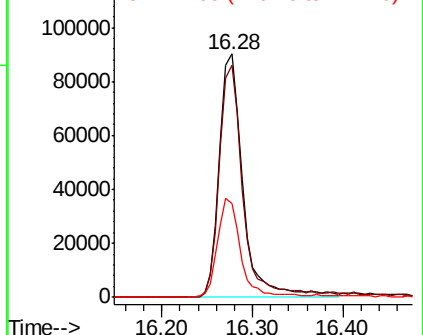
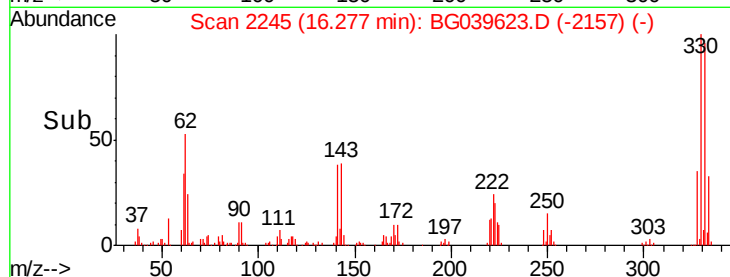
330 100

332 94.9 75.7 113.5

141 39.6 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: 78.346 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039623.D

Acq: 27 Feb 2019 6:37

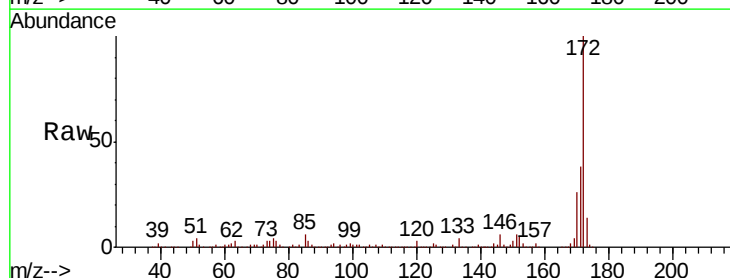
Tgt Ion:172 Resp: 874013

Ion Ratio Lower Upper

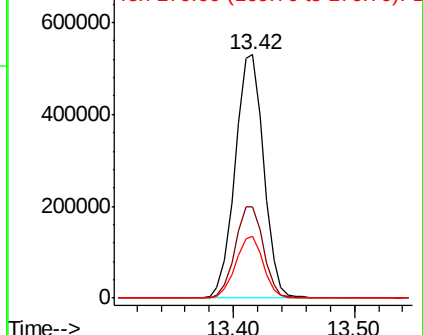
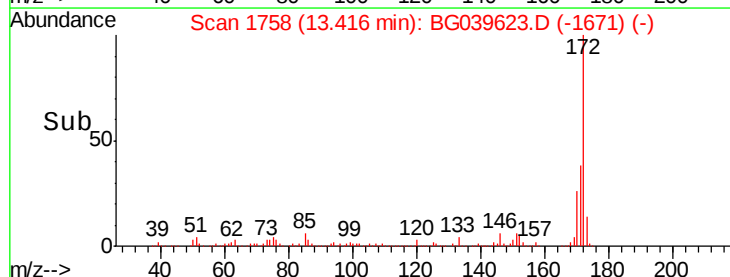
172 100

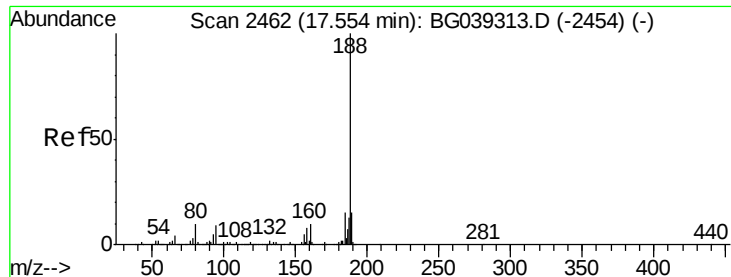
171 37.6 30.8 46.2

170 25.6 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: BG039623.D

Acq: 27 Feb 2019 6:37

Instrument :

BNA_G

ClientSampleId :

PB117340BL

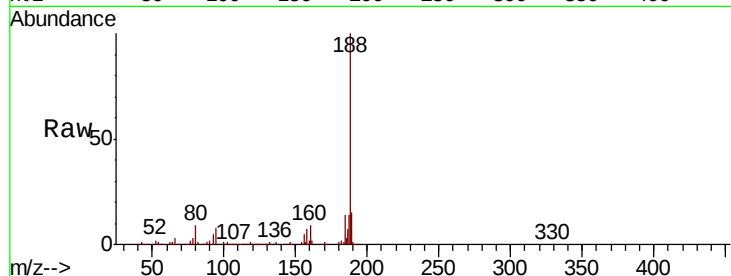
Tot Ion:188 Resp: 396551

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

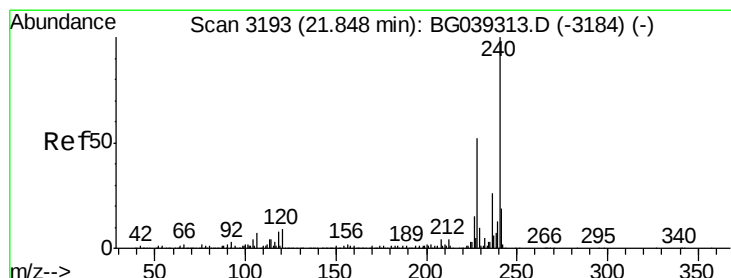
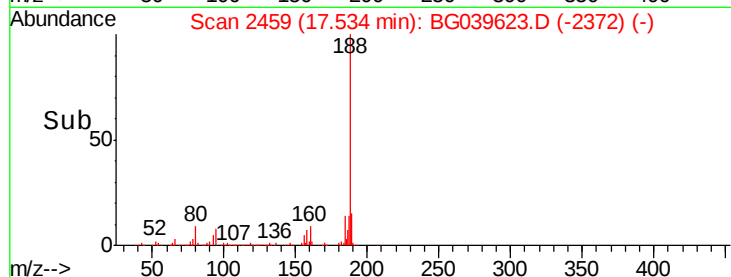
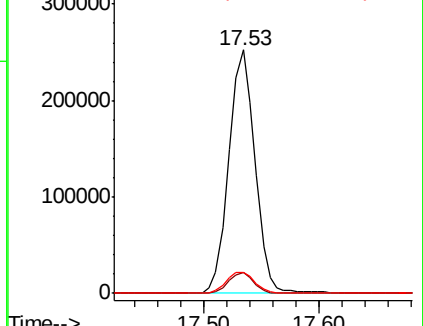
80 8.7 8.1 12.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039623.D

Acq: 27 Feb 2019 6:37

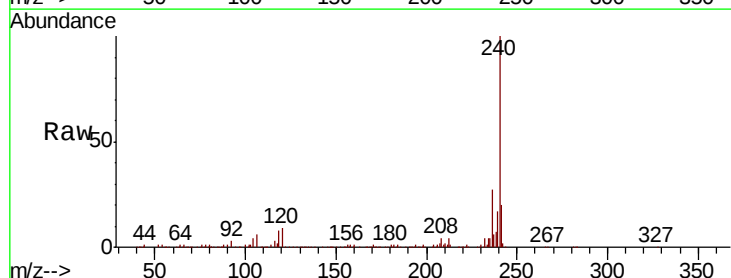
Tgt Ion:240 Resp: 434587

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

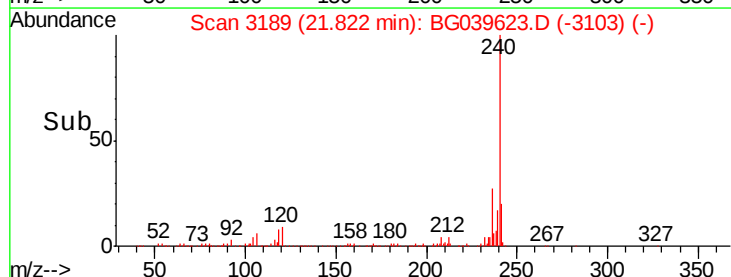
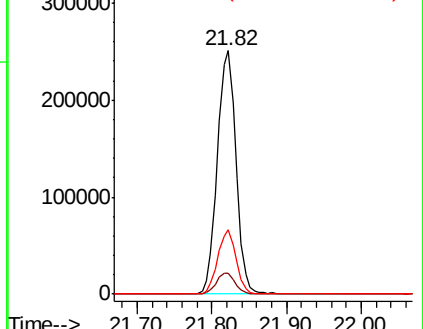
236 26.7 21.0 31.4

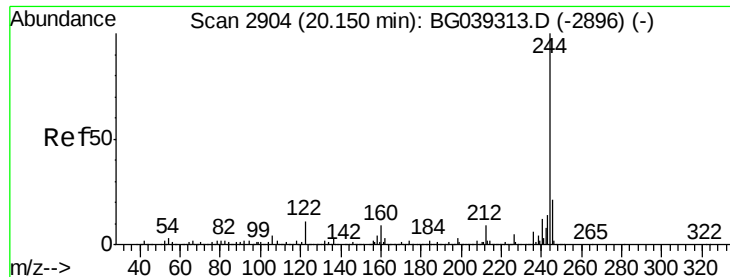


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.980 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039623.D

Acq: 27 Feb 2019 6:37

Instrument :

BNA_G

ClientSampleId :

PB117340BL

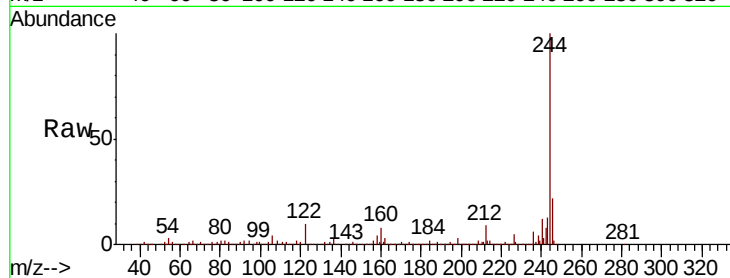
Tot Ion:244 Resp: 1436789

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

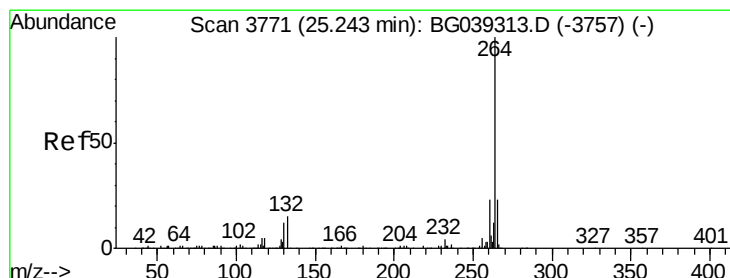
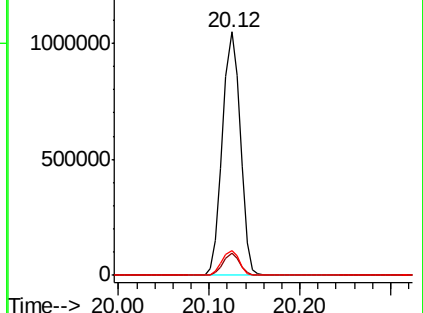
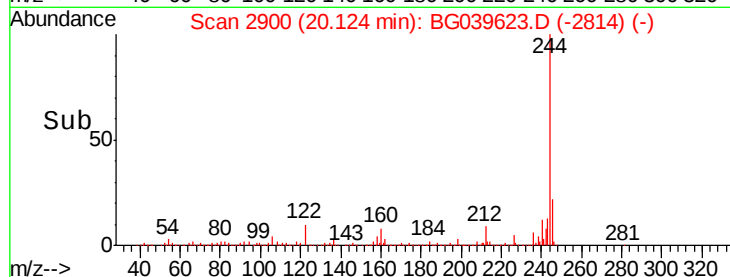
122 10.1 8.4 12.6



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: BG039623.D

Acq: 27 Feb 2019 6:37

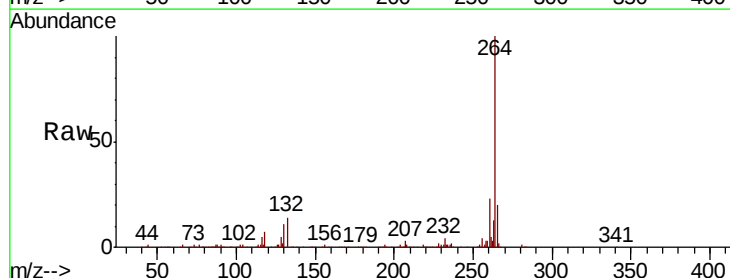
Tgt Ion:264 Resp: 427771

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 20.4 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

