

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039978.D
 Acq On : 18 Mar 2019 20:35
 Operator : JU/SJ
 Sample : PB117983BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117983BL

Quant Time: Mar 19 08:07:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	40086	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	174384	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	117522	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	293991	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	308966	20.00	ng	-0.03
87) Perylene-d12	25.17	264	301793	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	297642	126.67	ng	-0.02
7) Phenol-d6	7.29	99	431467	123.15	ng	-0.02
23) Nitrobenzene-d5	9.32	82	261843	81.21	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	155916	113.82	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	651193	78.89	ng	-0.02
79) Terphenyl-d14	20.11	244	1063009	75.75	ng	-0.02

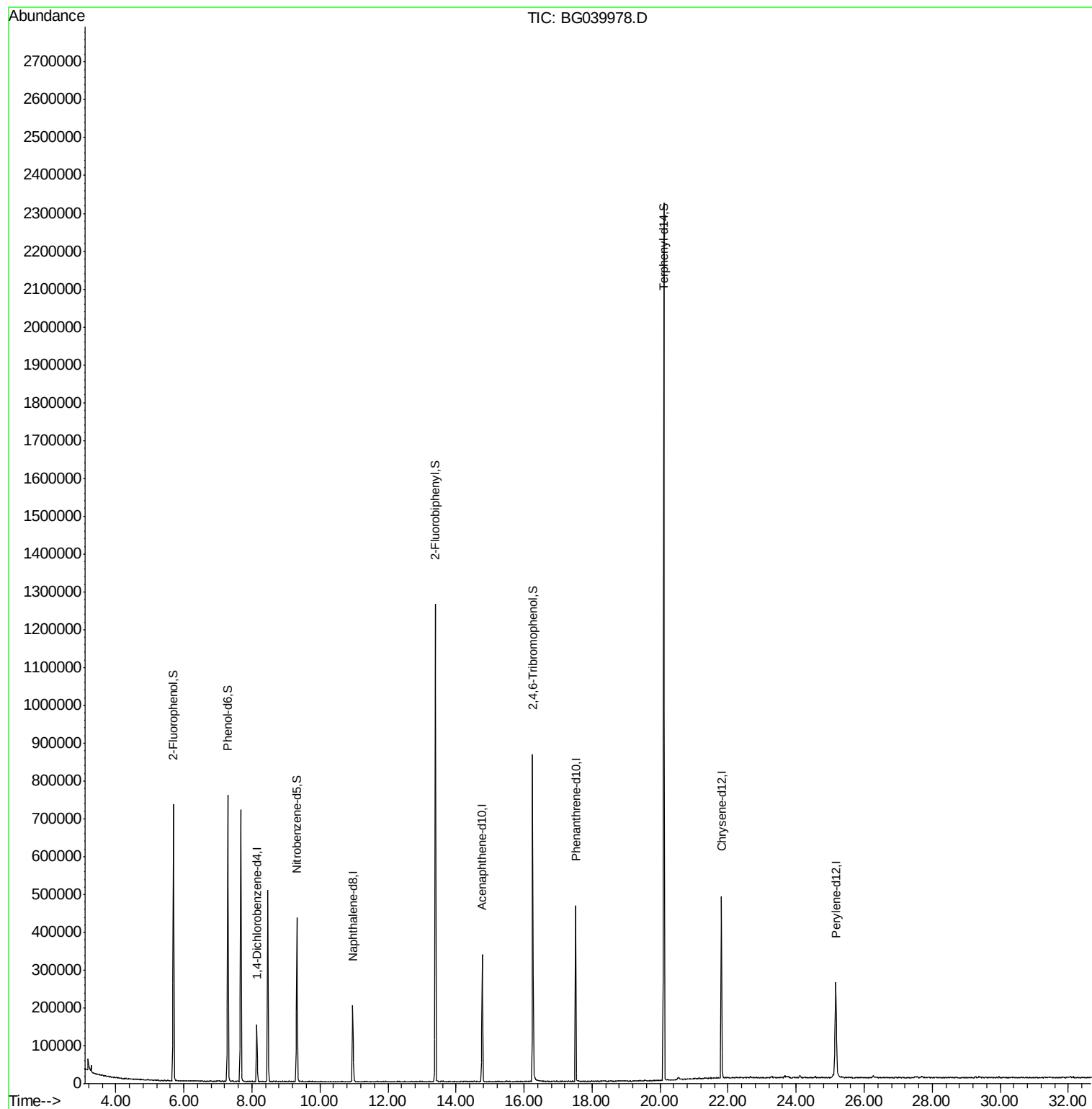
Target Compounds Qvalue

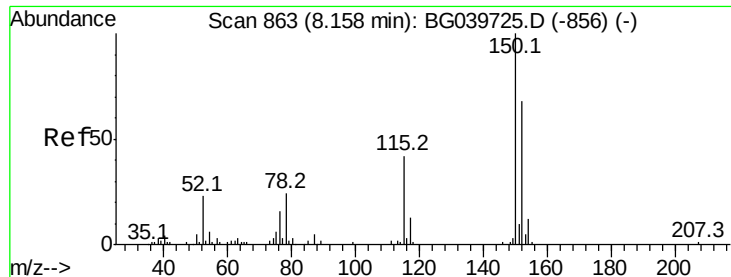
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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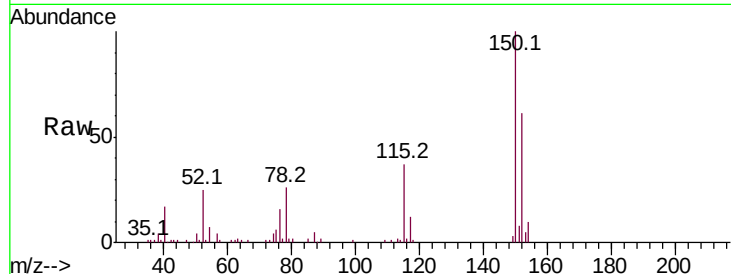


#1

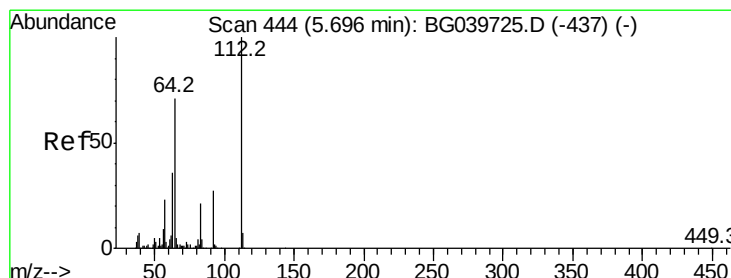
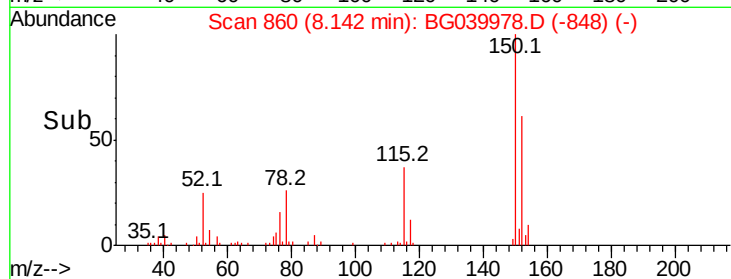
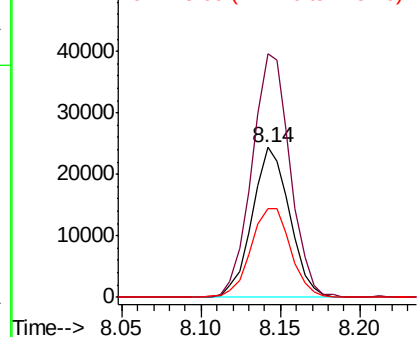
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG039978.D
Acq: 18 Mar 2019 20:35

Instrument :
BNA_G
ClientSampleId :
PB117983BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	123.7	185.5
115	59.6	45.9	68.9



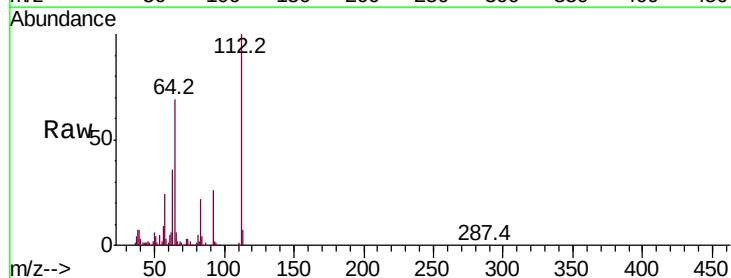
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



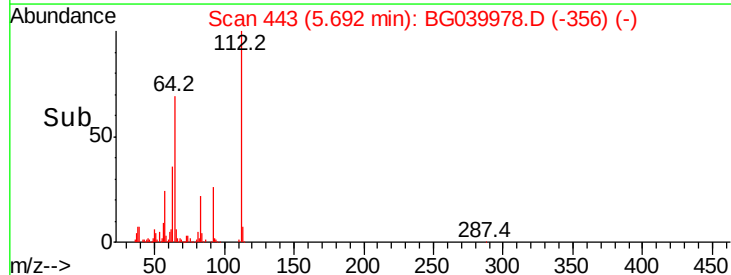
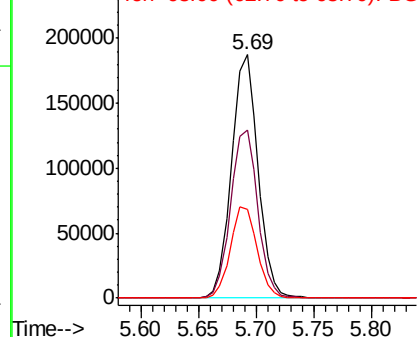
#5

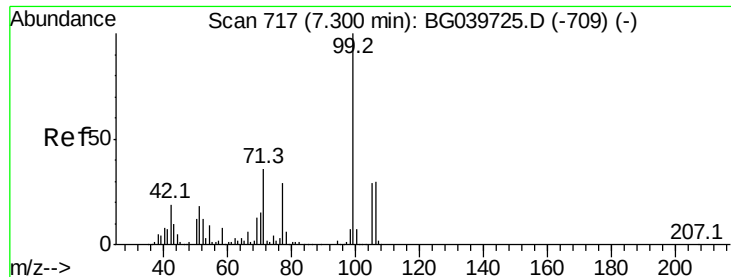
2-Fluorophenol
Concen: 126.673 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039978.D
Acq: 18 Mar 2019 20:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	57.8	86.8
63	36.5	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: 123.152 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039978.D

Acq: 18 Mar 2019 20:35

Instrument :

BNA_G

ClientSampleId :

PB117983BL

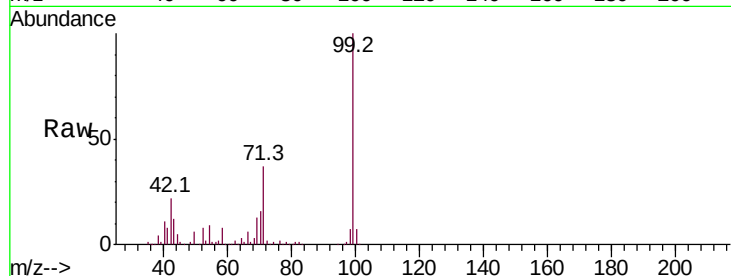
Tot Ion: 99 Resp: 431467

Ion Ratio Lower Upper

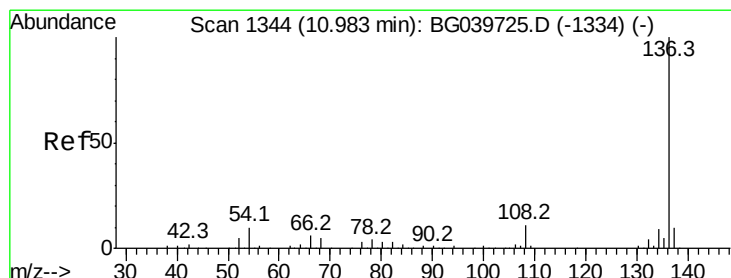
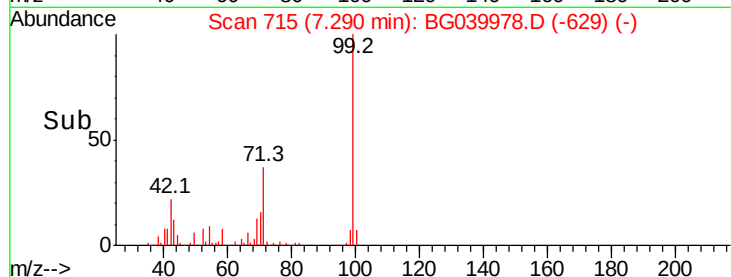
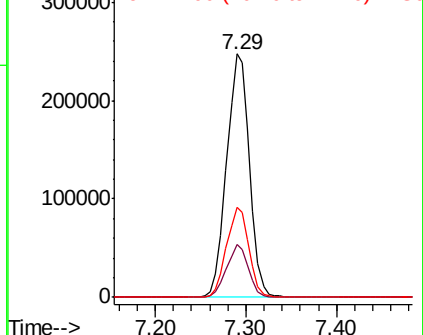
99 100

42 21.8 18.2 27.2

71 36.7 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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG039978.D

Acq: 18 Mar 2019 20:35

Tgt Ion: 136 Resp: 174384

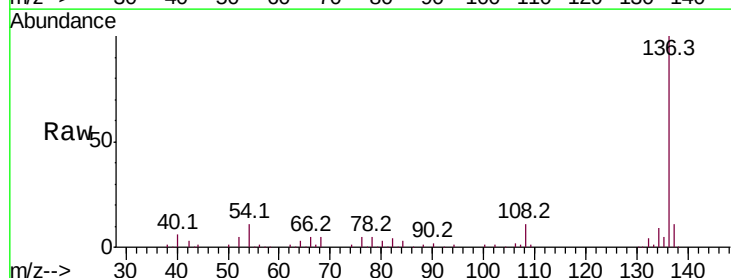
Ion Ratio Lower Upper

136 100

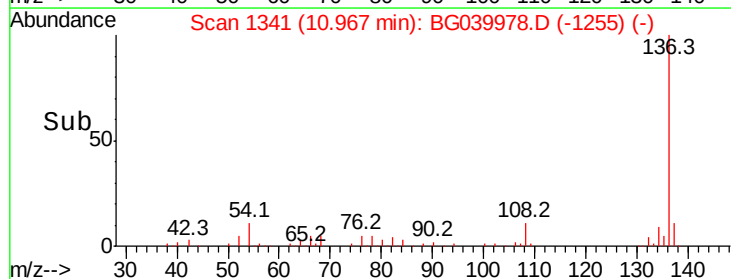
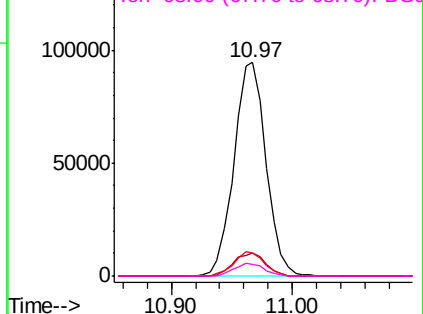
137 11.0 9.1 13.7

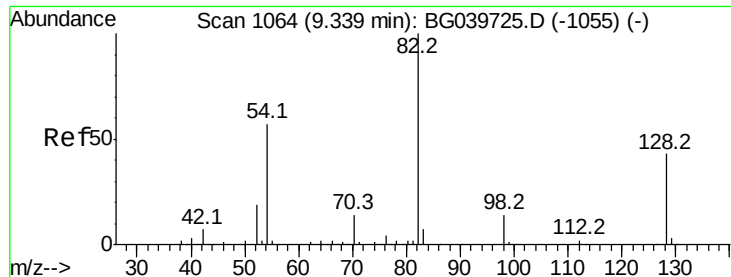
54 10.6 9.4 14.2

68 5.5 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

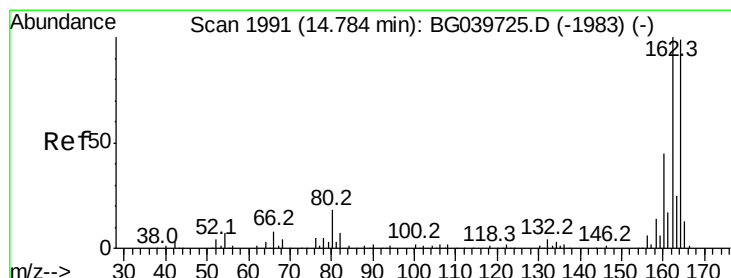
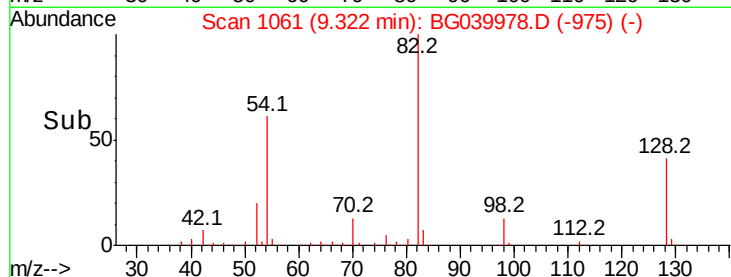
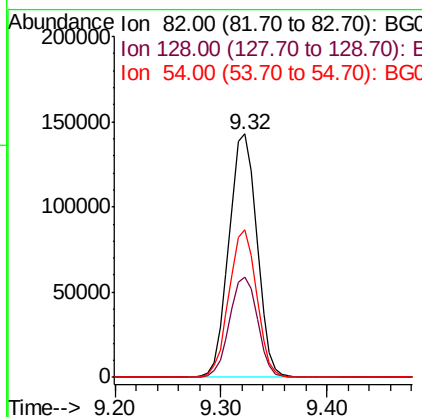
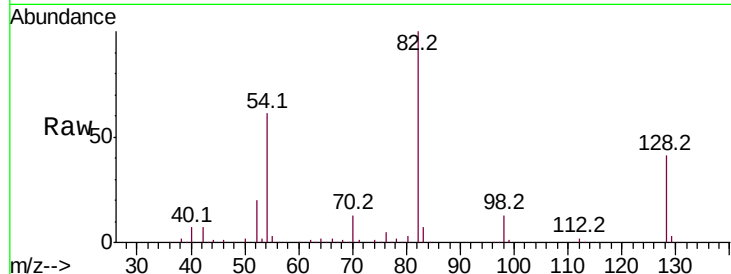




#23
Nitrobenzene-d5
Concen: 81.209 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039978.D
Acq: 18 Mar 2019 20:35

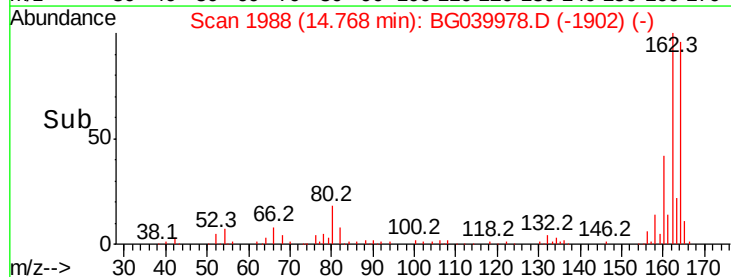
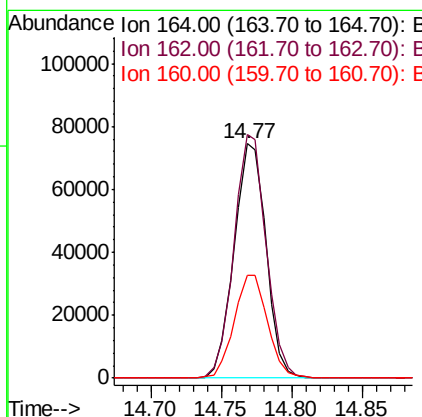
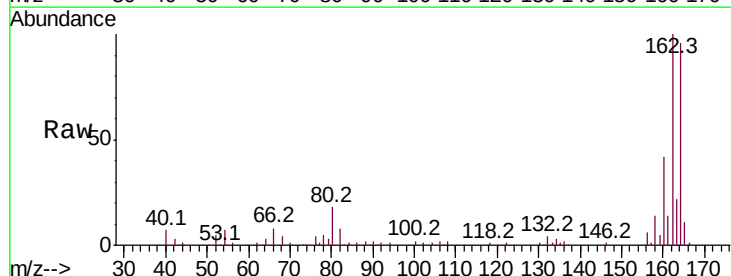
Instrument :
BNA_G
ClientSampleId :
PB117983BL

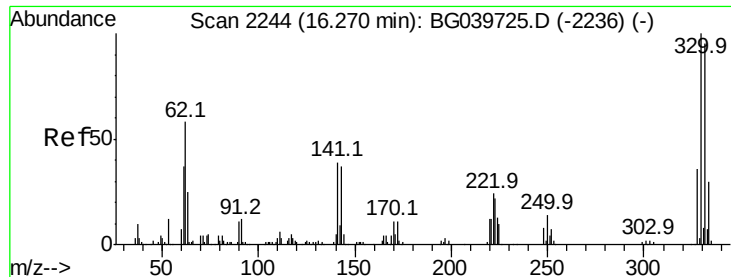
Tot Ion: 82 Resp: 261843
Ion Ratio Lower Upper
82 100
128 41.4 31.3 46.9
54 60.6 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG039978.D
Acq: 18 Mar 2019 20:35

Tgt Ion:164 Resp: 117522
Ion Ratio Lower Upper
164 100
162 104.0 81.6 122.4
160 44.1 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 113.823 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039978.D

Acq: 18 Mar 2019 20:35

Instrument :

BNA_G

ClientSampleId :

PB117983BL

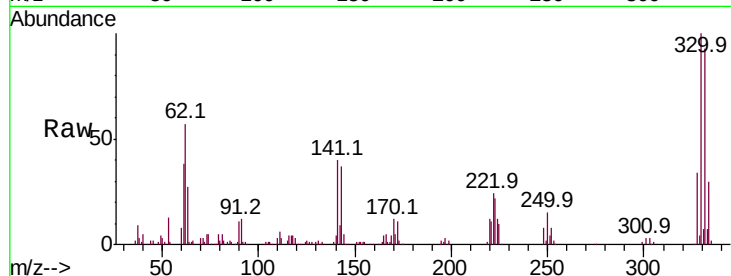
Tot Ion:330 Resp: 155916

Ion Ratio Lower Upper

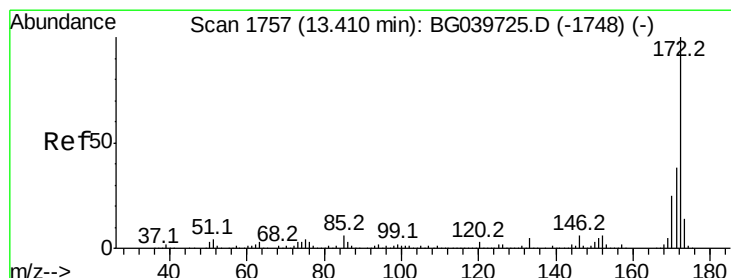
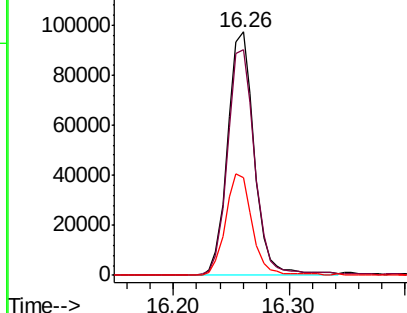
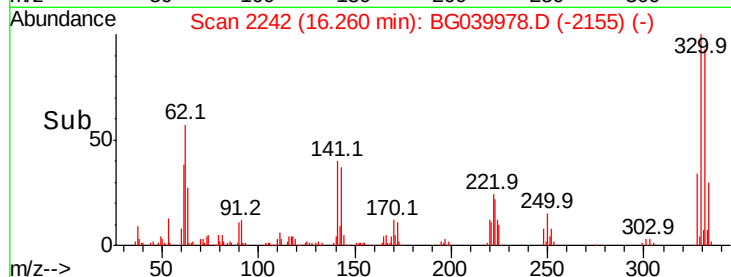
330 100

332 94.0 75.7 113.5

141 41.6 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: 78.895 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG039978.D

Acq: 18 Mar 2019 20:35

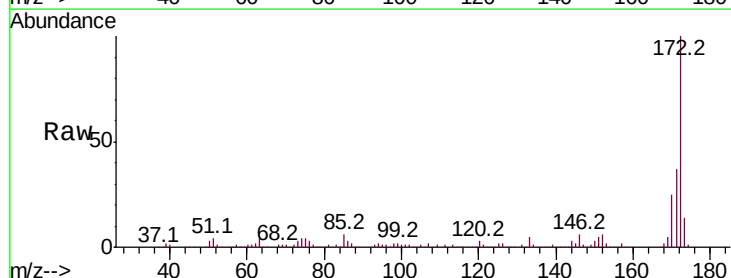
Tgt Ion:172 Resp: 651193

Ion Ratio Lower Upper

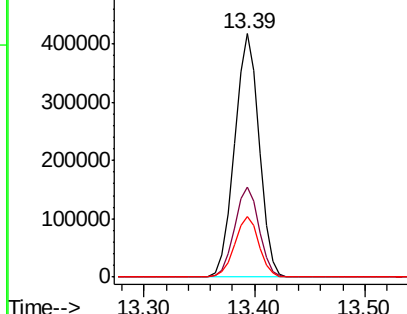
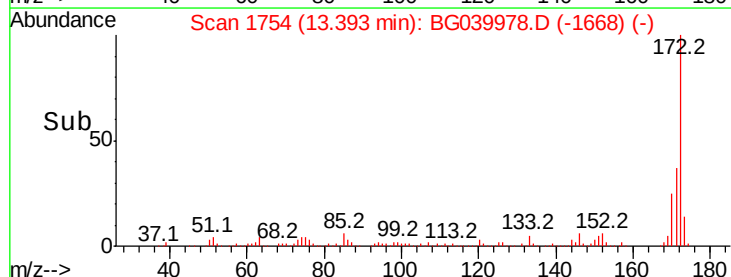
172 100

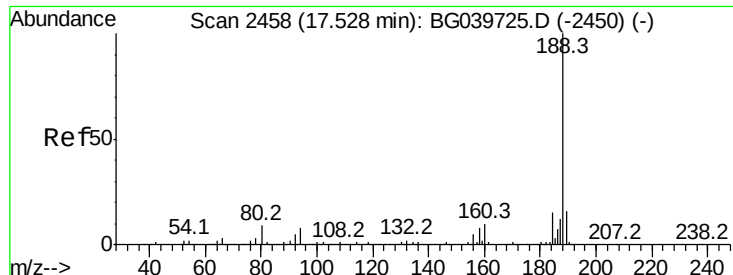
171 37.0 30.8 46.2

170 24.7 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

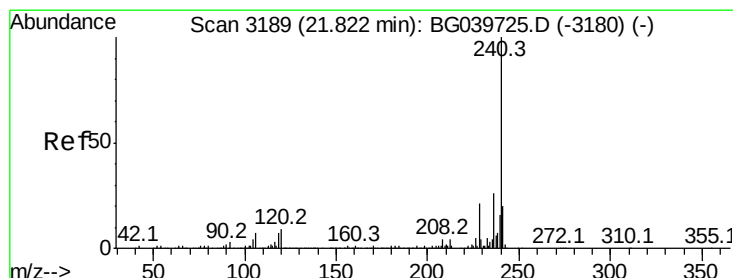
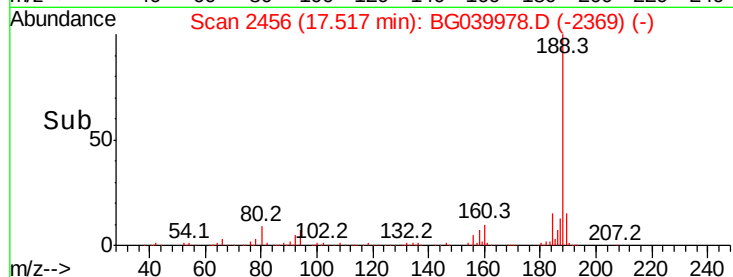
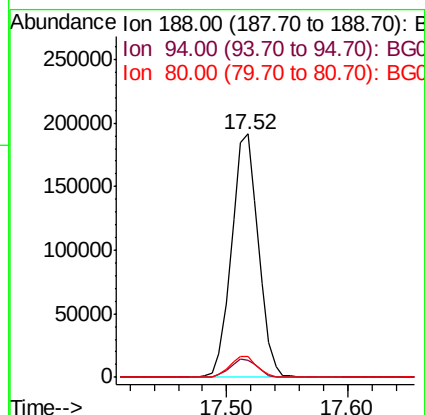
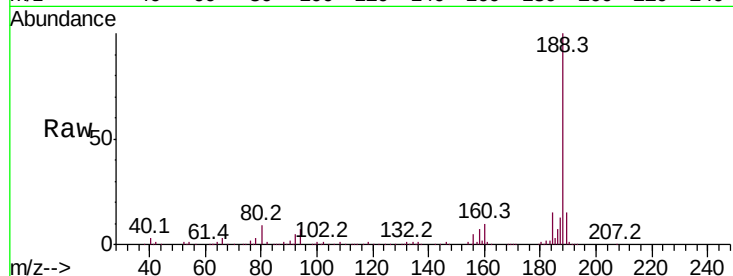




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039978.D
Acq: 18 Mar 2019 20:35

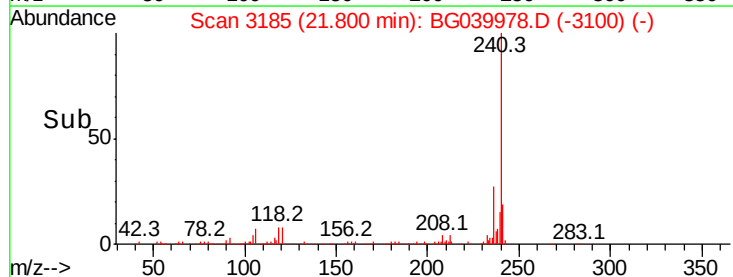
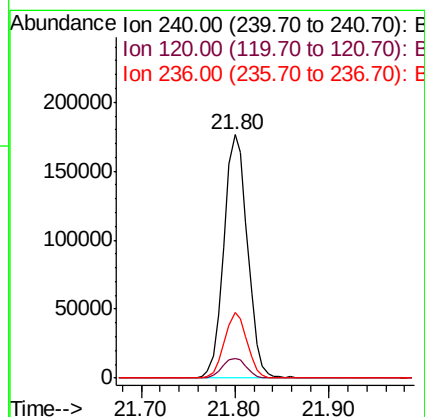
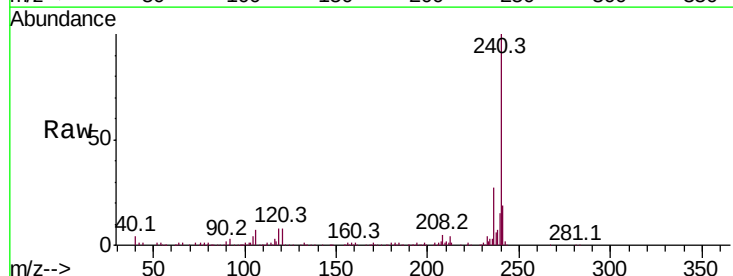
Instrument :
BNA_G
ClientSampleId :
PB117983BL

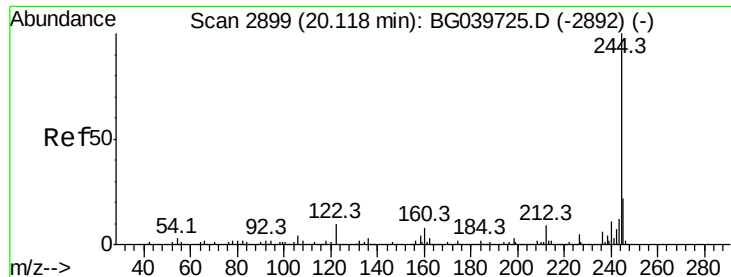
Tot Ion:188 Resp: 293991
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 8.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG039978.D
Acq: 18 Mar 2019 20:35

Tgt Ion:240 Resp: 308966
Ion Ratio Lower Upper
240 100
120 8.0 7.0 10.6
236 27.1 21.0 31.4





#79

Terphenyl-d14

Concen: 75.754 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039978.D

Acq: 18 Mar 2019 20:35

Instrument :

BNA_G

ClientSampled :

PB117983BL

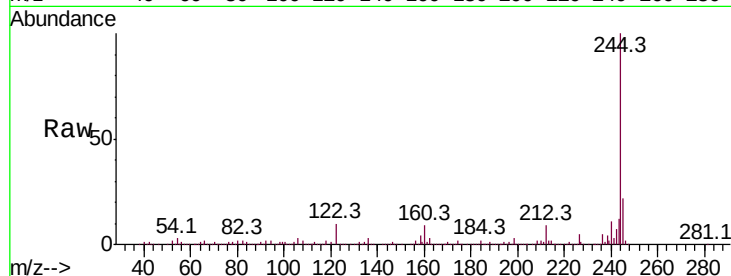
Tot Ion:244 Resp: 1063009

Ion Ratio Lower Upper

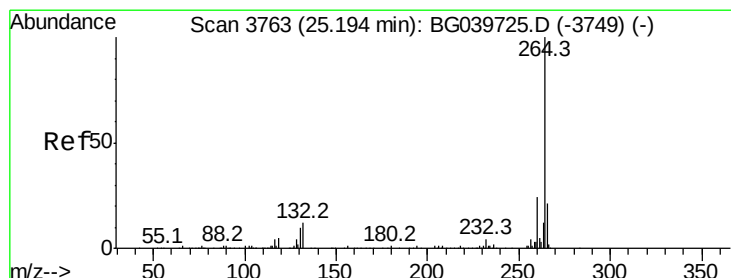
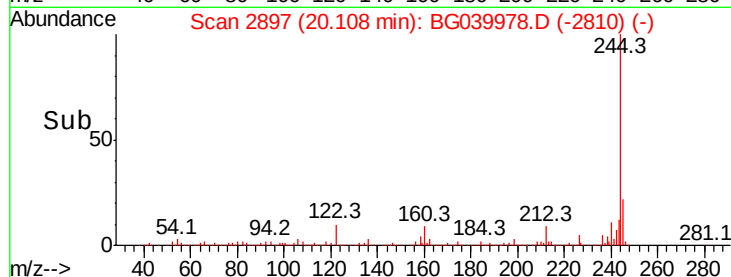
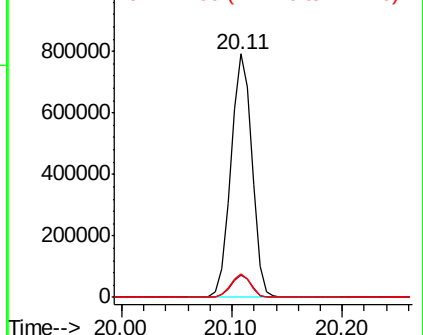
244 100

212 9.0 7.3 10.9

122 9.7 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: 25.17 min Scan# 3758

Delta R.T. -0.03 min

Lab File: BG039978.D

Acq: 18 Mar 2019 20:35

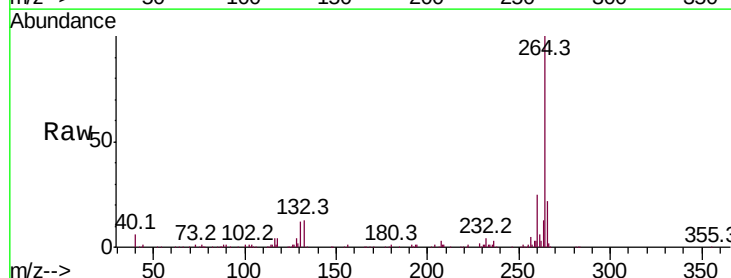
Tgt Ion:264 Resp: 301793

Ion Ratio Lower Upper

264 100

260 25.2 18.2 27.4

265 22.3 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

