

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039959.D
 Acq On : 16 Mar 2019 3:13
 Operator : JU/SJ
 Sample : PB117975TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117975TB

Quant Time: Mar 16 05:17:23 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	8.15	152	38273	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	169452	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	115447	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	282268	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	302939	20.00	ng	-0.02
87) Perylene-d12	25.17	264	298764	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	290254	129.38	ng	-0.02
7) Phenol-d6	7.29	99	410538	122.73	ng	-0.02
23) Nitrobenzene-d5	9.33	82	246099	78.55	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	156254	116.12	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	618265	76.25	ng	-0.02
79) Terphenyl-d14	20.11	244	1019794	74.12	ng	-0.01

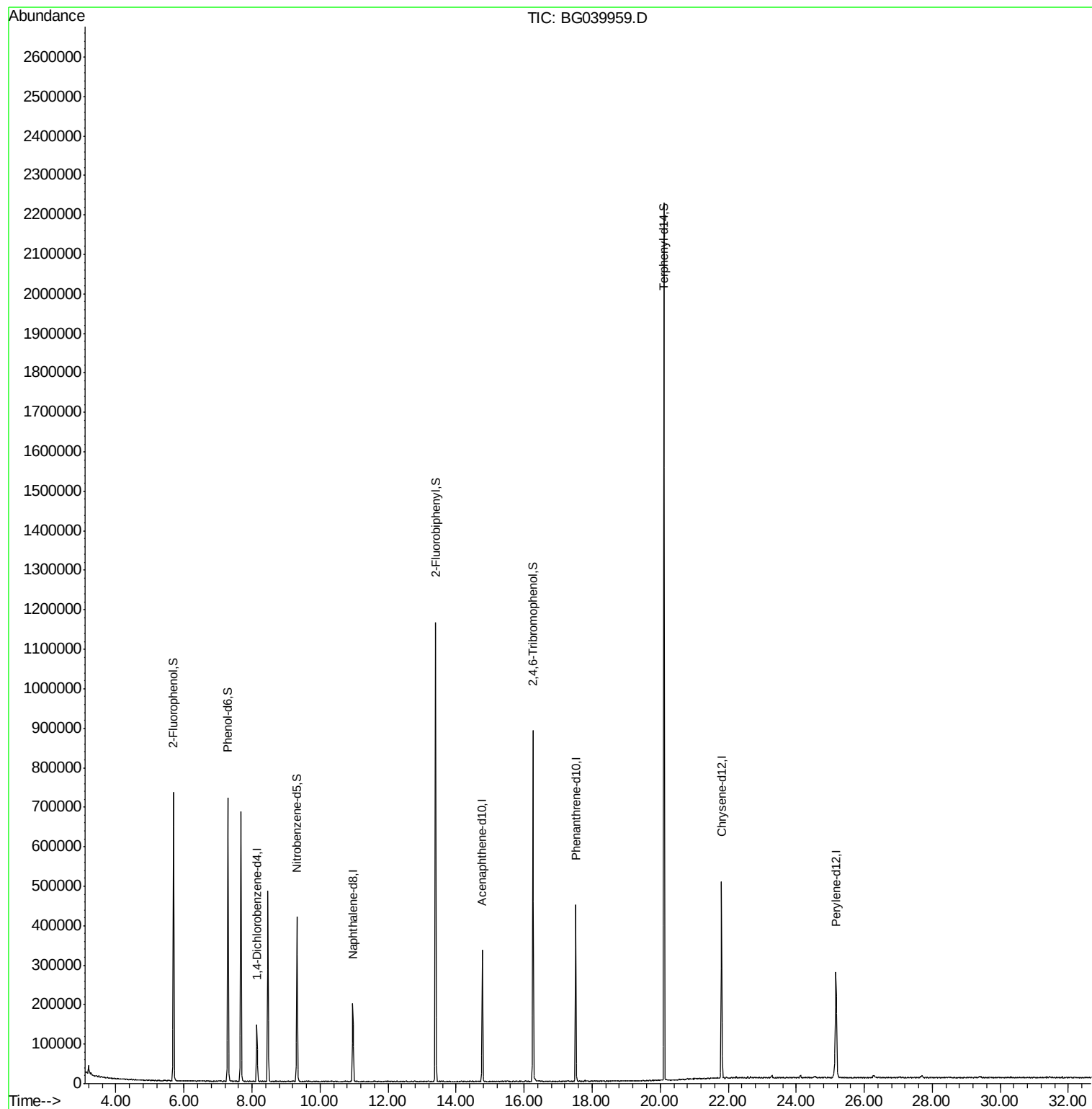
Target Compounds Qvalue

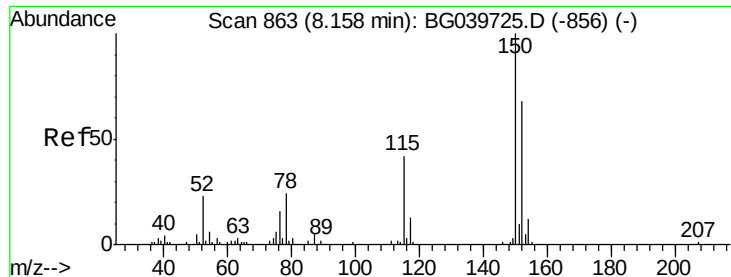
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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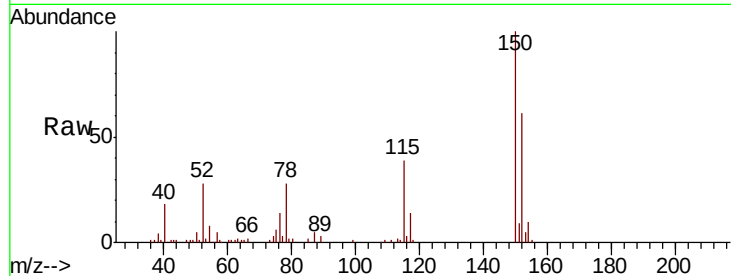


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039959.D
Acq: 16 Mar 2019 3:13

Instrument :
BNA_G
ClientSampleId :
PB117975TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.0	123.7	185.5
115	62.8	45.9	68.9

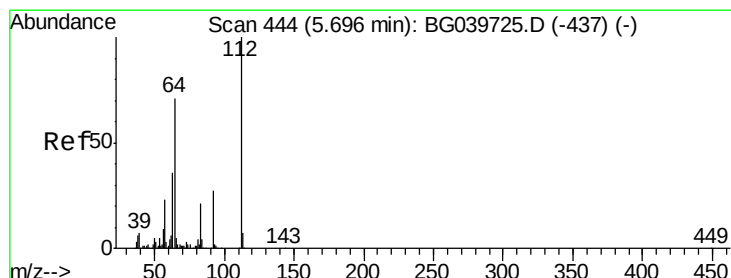
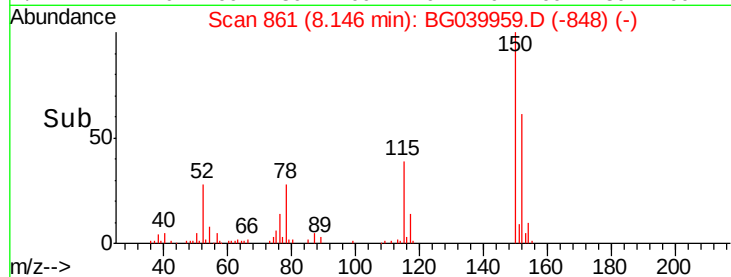
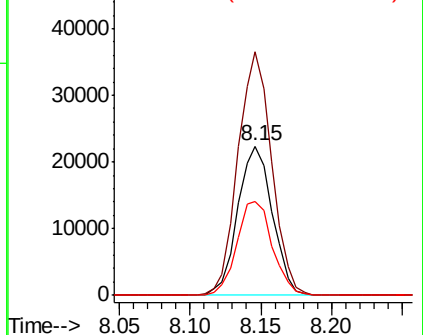


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

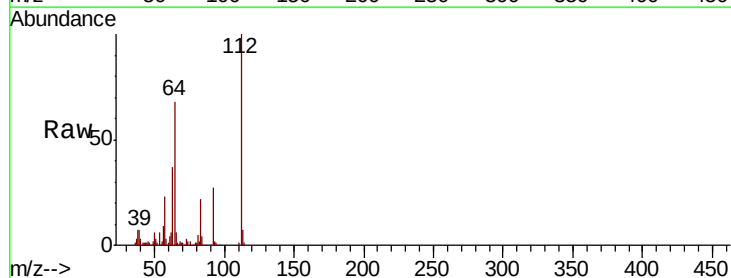
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.380 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039959.D
Acq: 16 Mar 2019 3:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	57.8	86.8
63	37.5	29.8	44.6

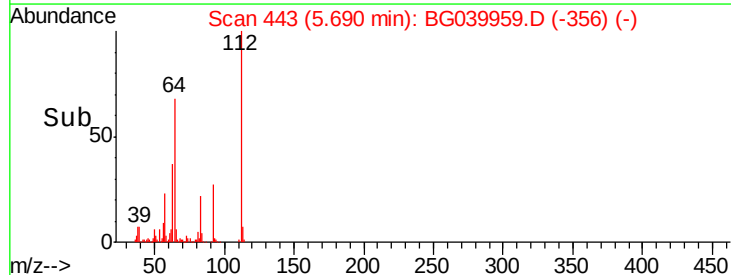
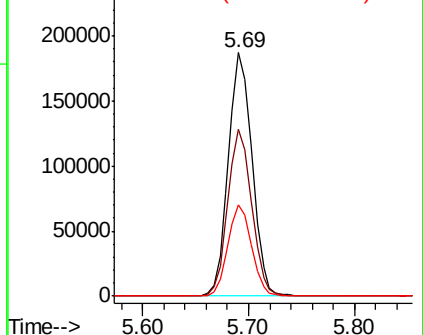


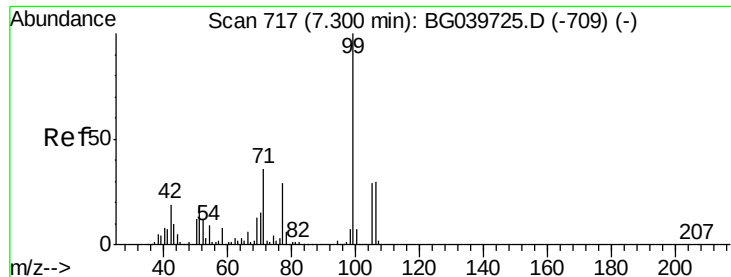
Abundance

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: 122.729 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039959.D

Acq: 16 Mar 2019 3:13

Instrument :

BNA_G

ClientSampleId :

PB117975TB

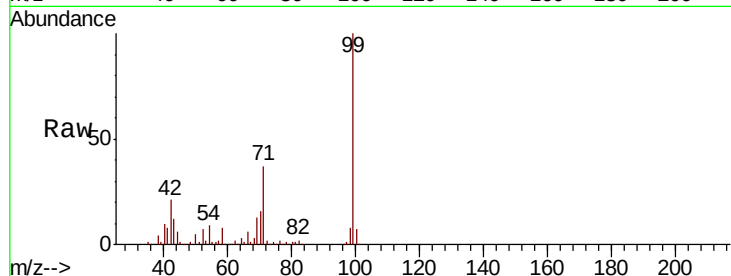
Tot Ion: 99 Resp: 410538

Ion Ratio Lower Upper

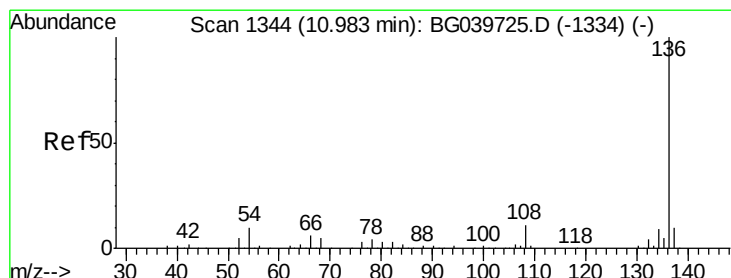
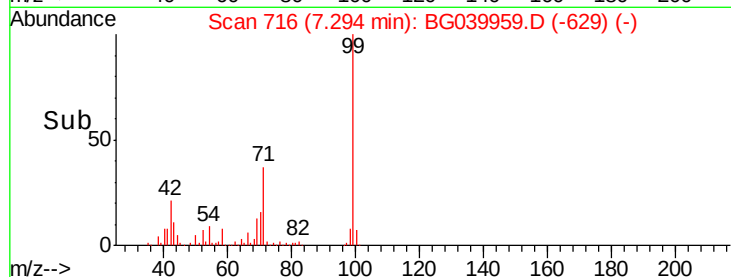
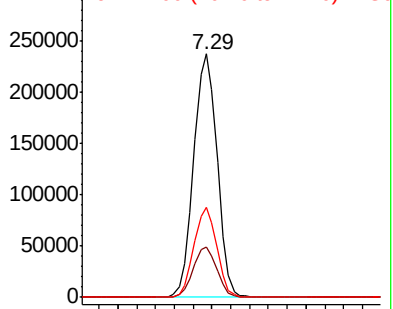
99 100

42 20.9 18.2 27.2

71 36.8 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: BG039959.D

Acq: 16 Mar 2019 3:13

Tgt Ion: 136 Resp: 169452

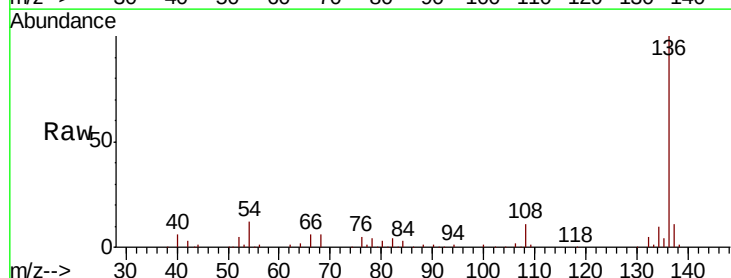
Ion Ratio Lower Upper

136 100

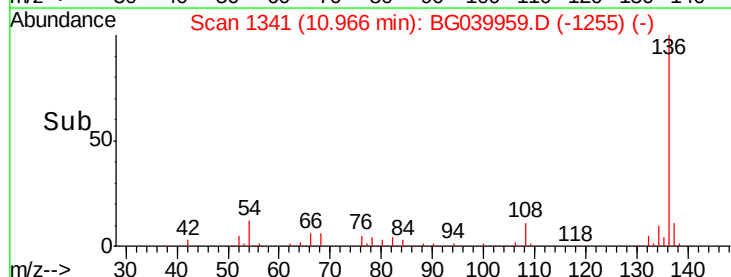
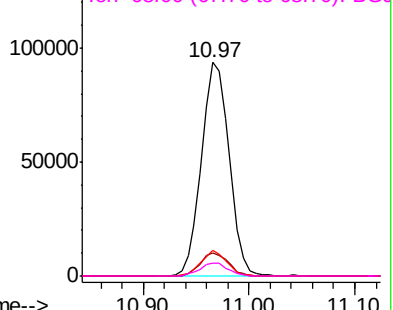
137 10.9 9.1 13.7

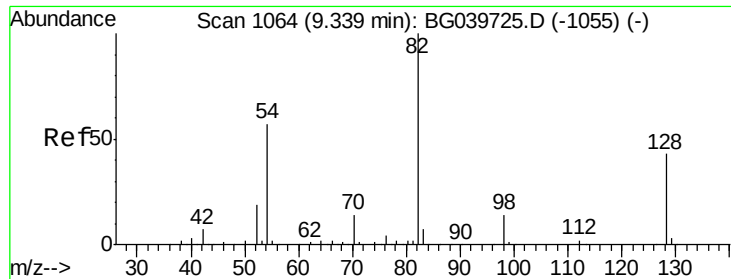
54 11.8 9.4 14.2

68 6.2 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

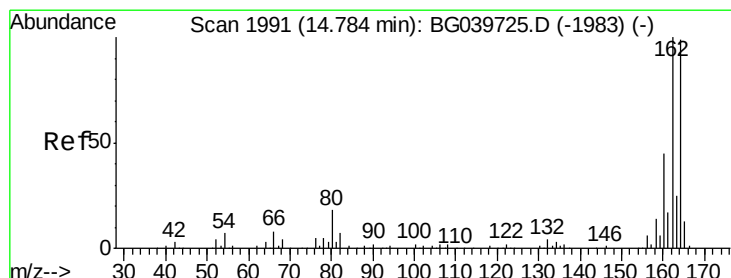
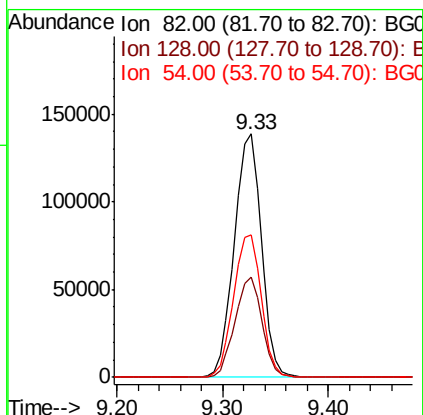
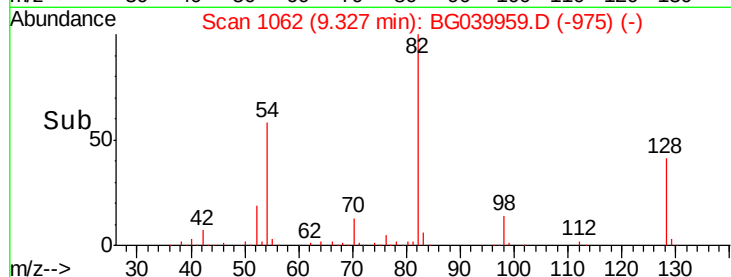
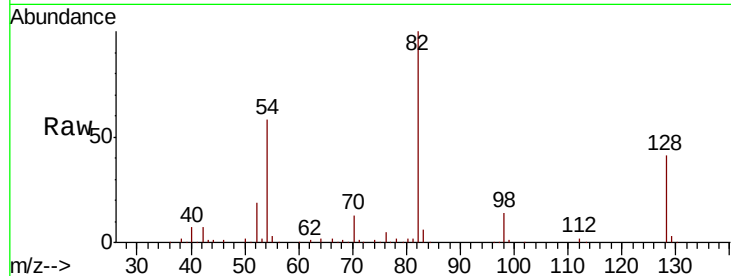




#23
 Nitrobenzene-d5
 Concen: 78.547 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039959.D
 Acq: 16 Mar 2019 3:13

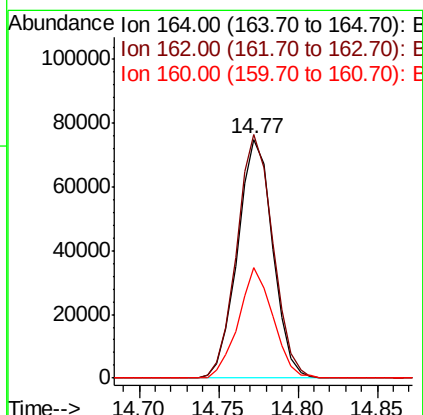
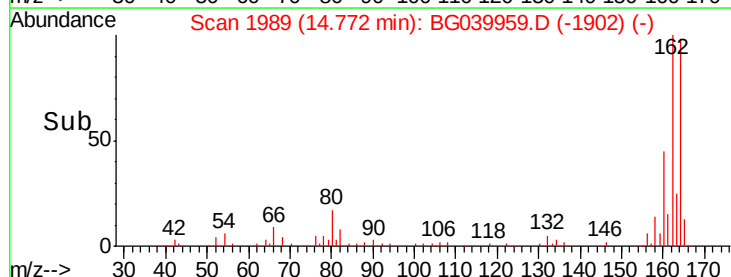
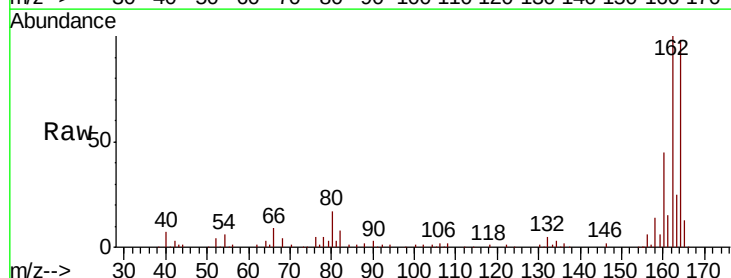
Instrument :
 BNA_G
 ClientSampleId :
 PB117975TB

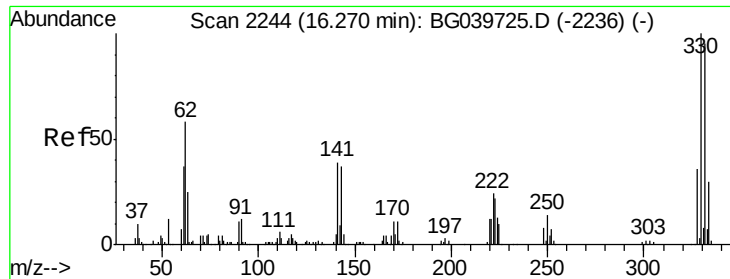
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.3	46.9
54	58.5	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG039959.D
 Acq: 16 Mar 2019 3:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.6	122.4
160	46.3	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 116.120 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039959.D

Acq: 16 Mar 2019 3:13

Instrument :

BNA_G

ClientSampleId :

PB117975TB

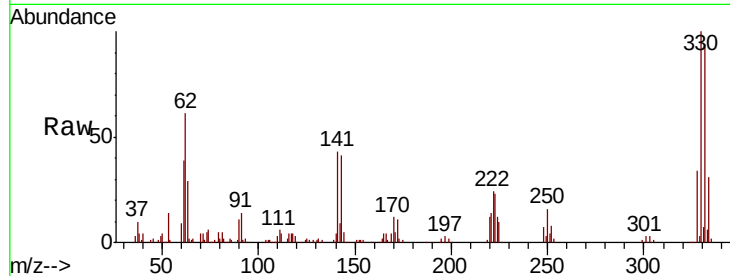
Tot Ion:330 Resp: 156254

Ion Ratio Lower Upper

330 100

332 93.9 75.7 113.5

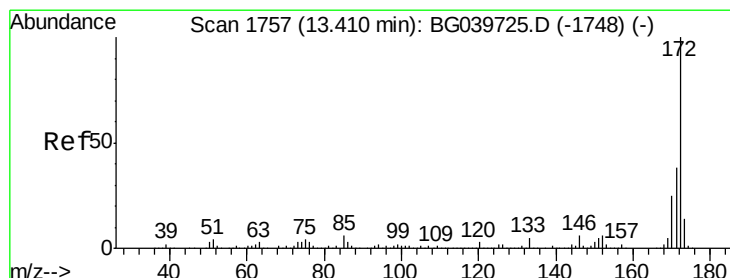
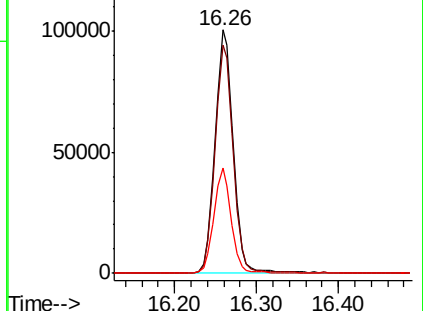
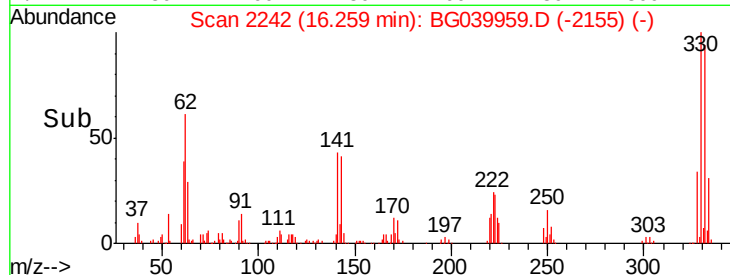
141 41.1 35.6 53.4



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: 76.252 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG039959.D

Acq: 16 Mar 2019 3:13

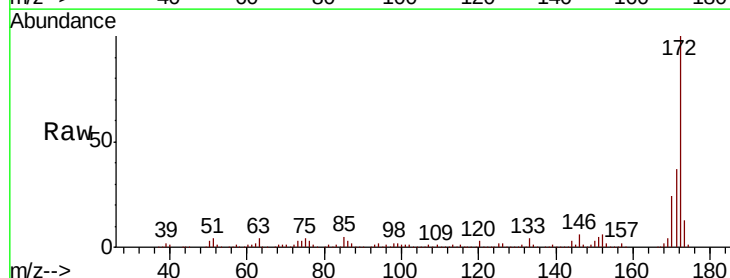
Tgt Ion:172 Resp: 618265

Ion Ratio Lower Upper

172 100

171 37.3 30.8 46.2

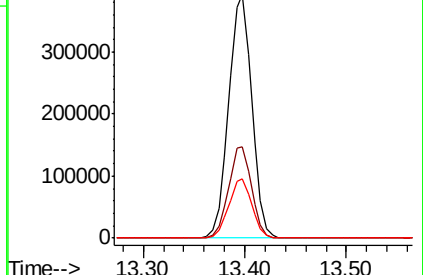
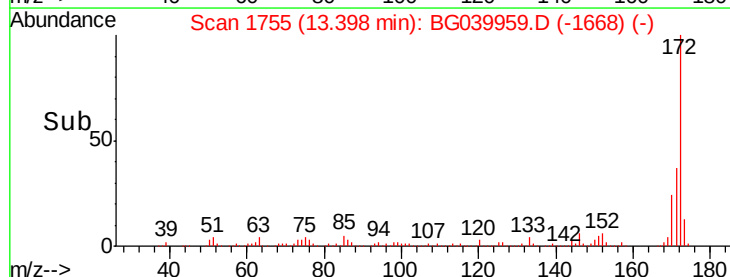
170 24.2 20.2 30.4

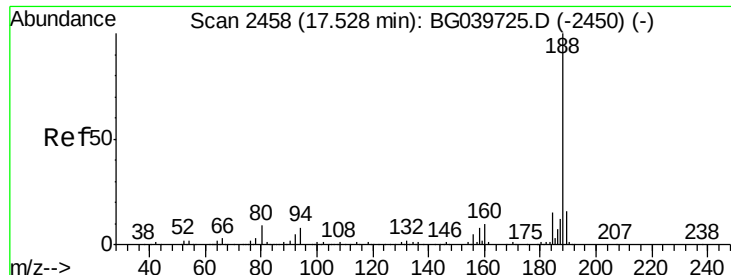


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

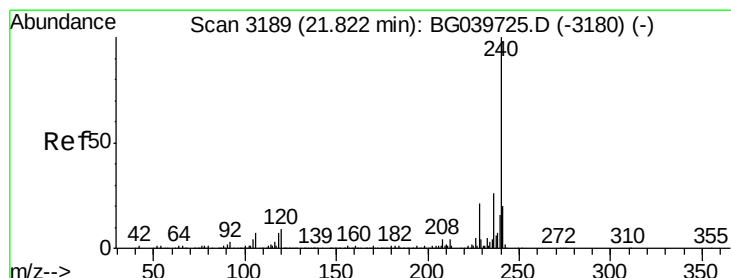
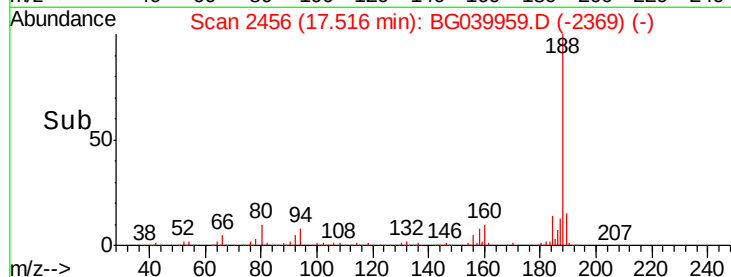
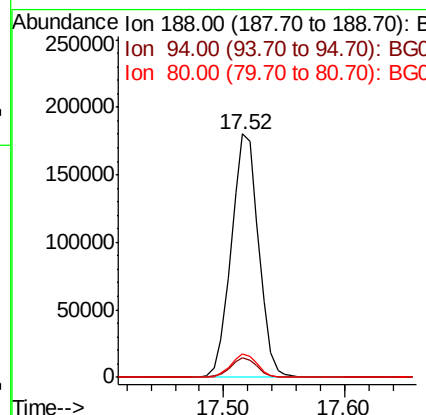
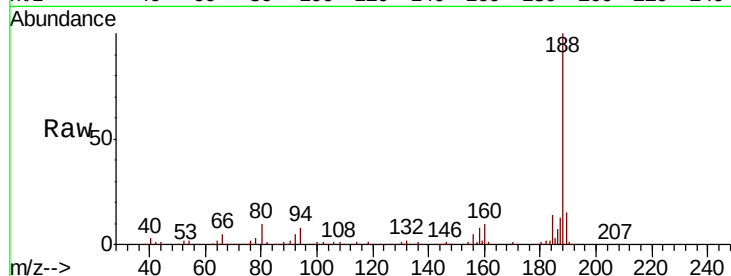




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039959.D
Acq: 16 Mar 2019 3:13

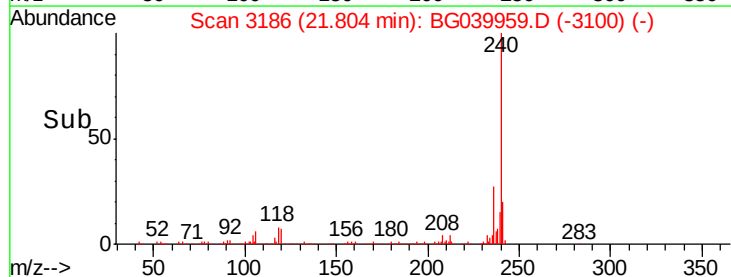
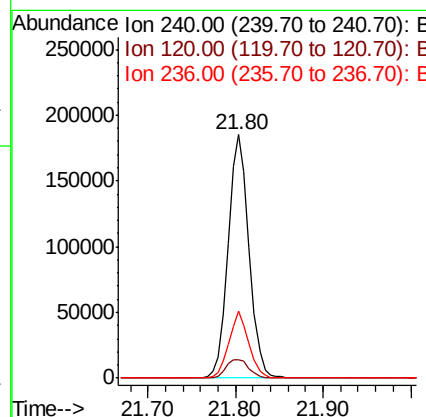
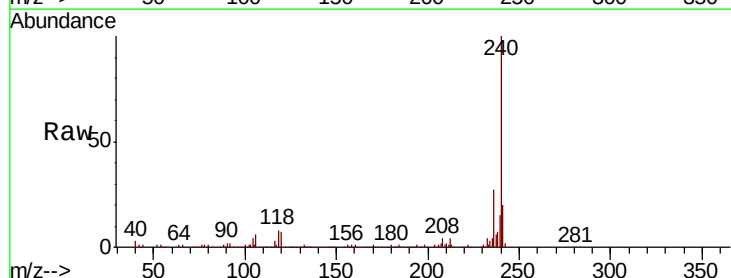
Instrument :
BNA_G
ClientSampleId :
PB117975TB

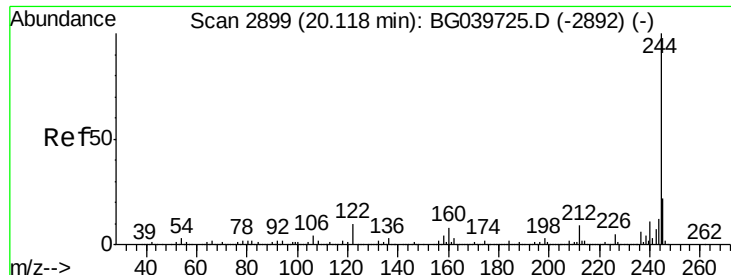
Tot Ion:188 Resp: 282268
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039959.D
Acq: 16 Mar 2019 3:13

Tgt Ion:240 Resp: 302939
Ion Ratio Lower Upper
240 100
120 7.4 7.0 10.6
236 27.3 21.0 31.4





#79

Terphenyl-d14

Concen: 74.120 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039959.D

Acq: 16 Mar 2019 3:13

Instrument :

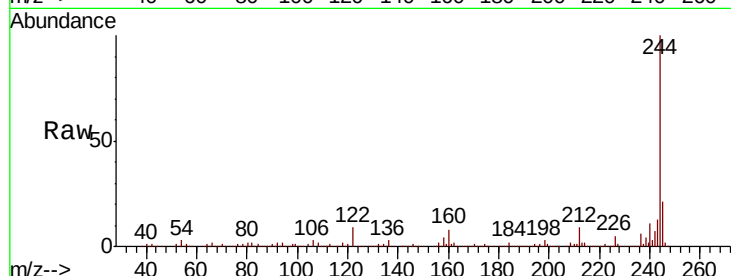
BNA_G

ClientSampleId :

PB117975TB

Tot Ion:244 Resp: 1019794

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	8.5	8.4	12.6

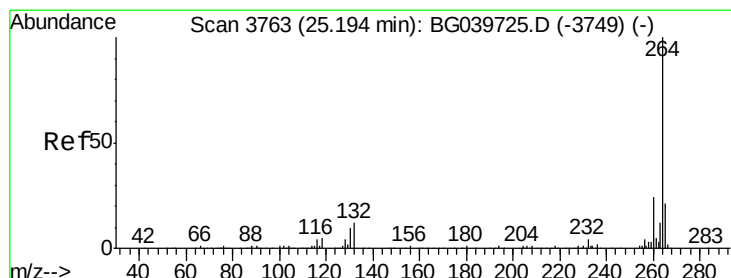
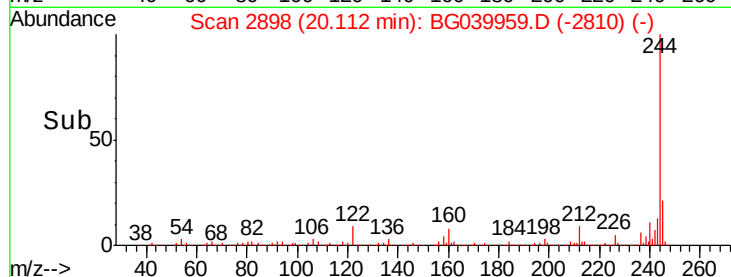
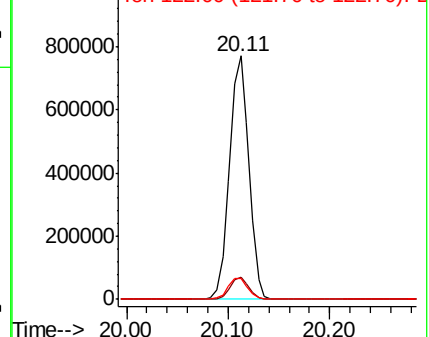


Abundance

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# 3759

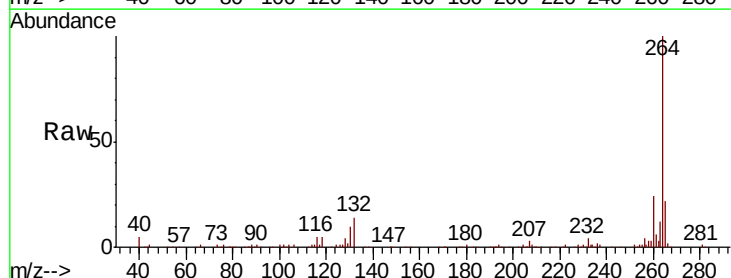
Delta R.T. -0.03 min

Lab File: BG039959.D

Acq: 16 Mar 2019 3:13

Tgt Ion:264 Resp: 298764

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	21.7	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

