

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
 Data File : BG039919.D
 Acq On : 14 Mar 2019 2:01
 Operator : JU/SJ
 Sample : K1871-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Mar 14 04:50:10 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	44335	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	183257	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	118160	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	277017	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	300784	20.00	ng	-0.02
87) Perylene-d12	25.16	264	300487	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	306675	118.01	ng	-0.01
7) Phenol-d6	7.29	99	396760	102.39	ng	-0.02
23) Nitrobenzene-d5	9.33	82	298202	88.01	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	171572	124.58	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	707410	85.24	ng	-0.02
79) Terphenyl-d14	20.11	244	1095591	80.20	ng	-0.01

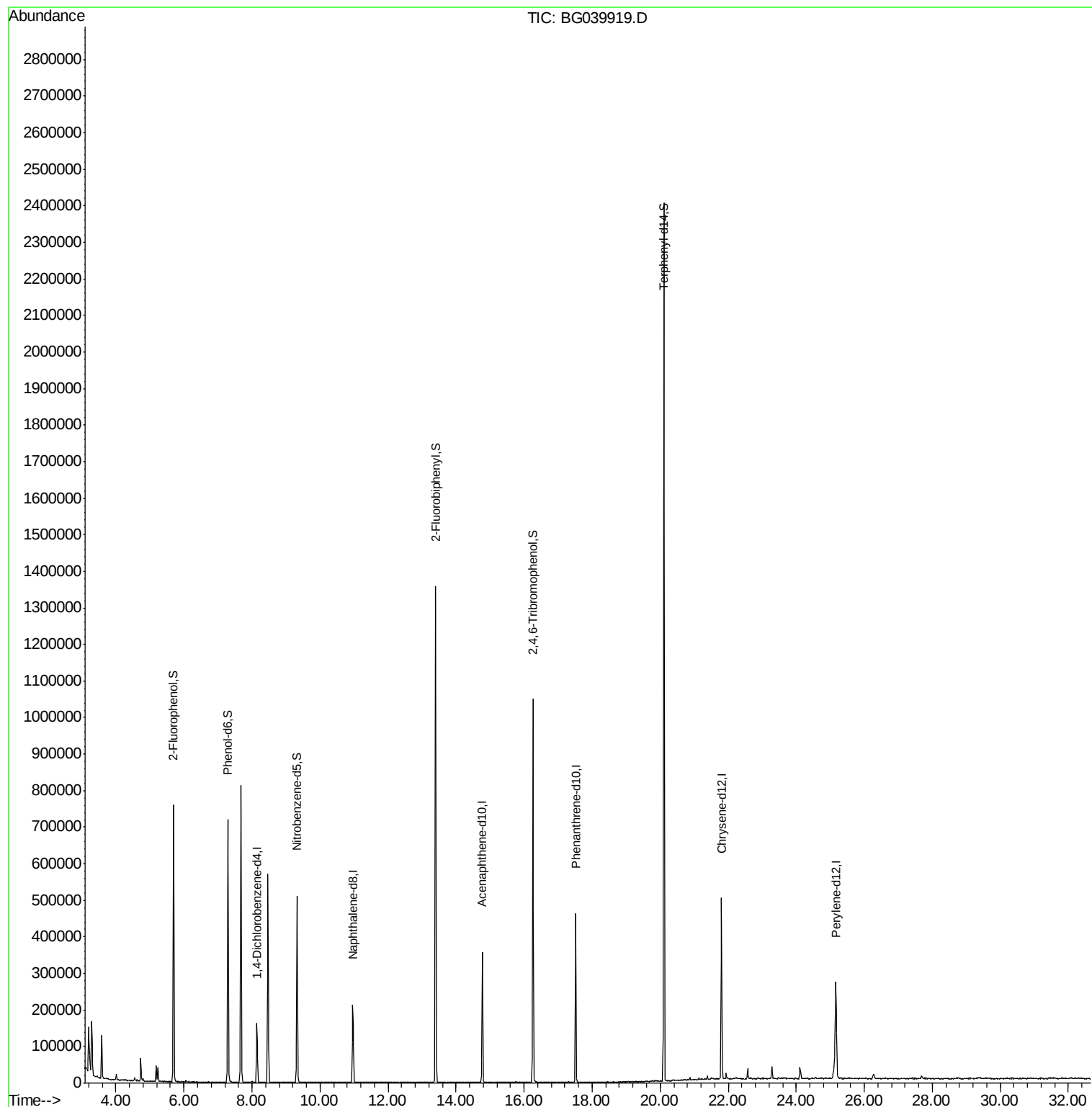
Target Compounds Qvalue

(#) = 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: BG039919.D

Acq: 14 Mar 2019 2:01

Instrument :

BNA_G

ClientSampleId :

TP-2

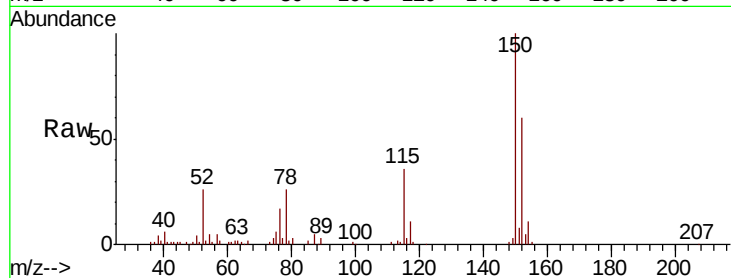
Tot Ion:152 Resp: 44335

Ion Ratio Lower Upper

152 100

150 165.9 123.7 185.5

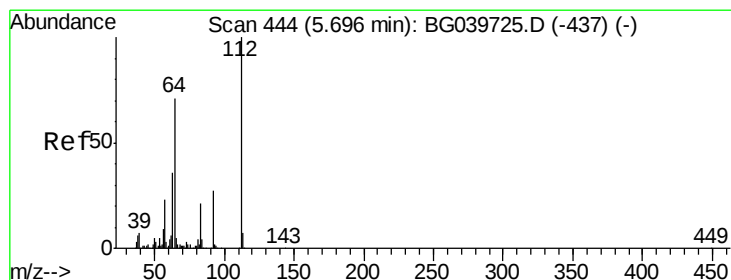
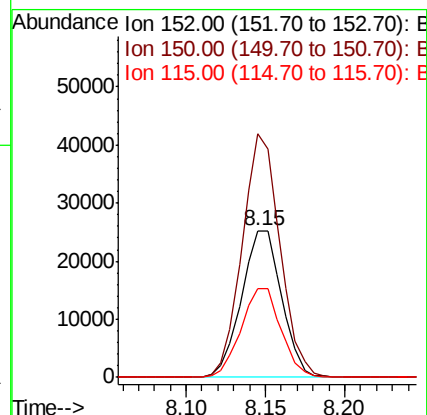
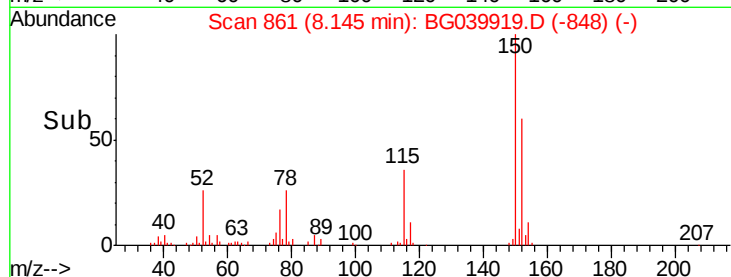
115 60.5 45.9 68.9



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: 118.008 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039919.D

Acq: 14 Mar 2019 2:01

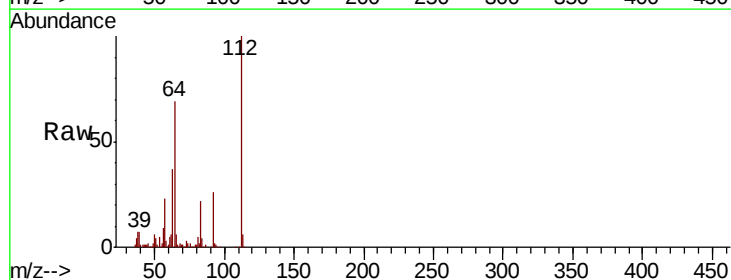
Tgt Ion:112 Resp: 306675

Ion Ratio Lower Upper

112 100

64 68.7 57.8 86.8

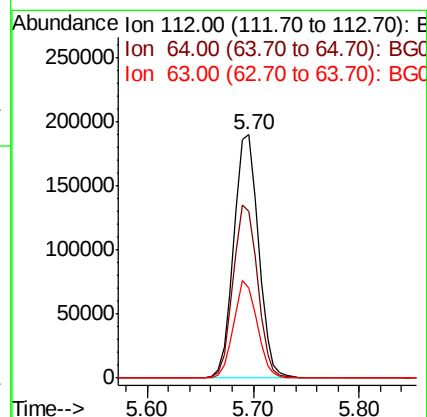
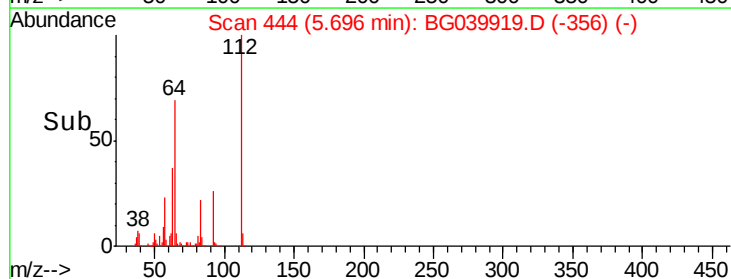
63 36.9 29.8 44.6



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: 102.392 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039919.D

Acq: 14 Mar 2019 2:01

Instrument :

BNA_G

ClientSampleId :

TP-2

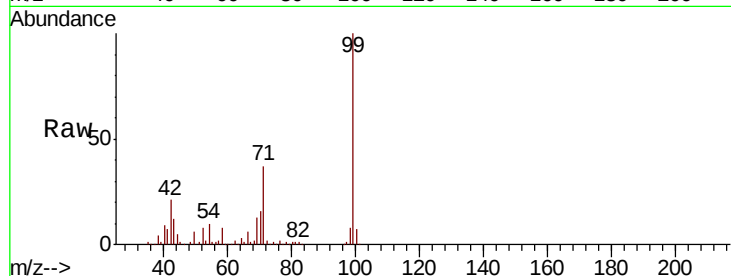
Tot Ion: 99 Resp: 396760

Ion Ratio Lower Upper

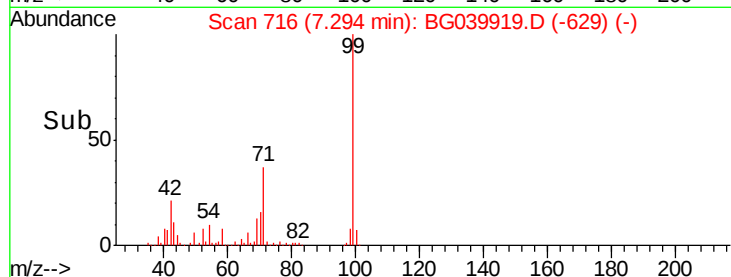
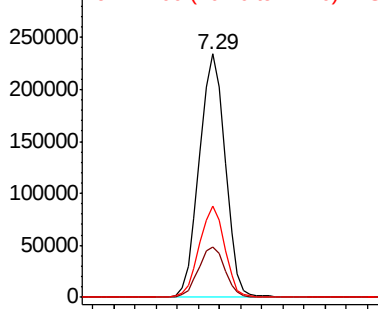
99 100

42 20.7 18.2 27.2

71 37.5 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: BG039919.D

Acq: 14 Mar 2019 2:01

Tgt Ion: 136 Resp: 183257

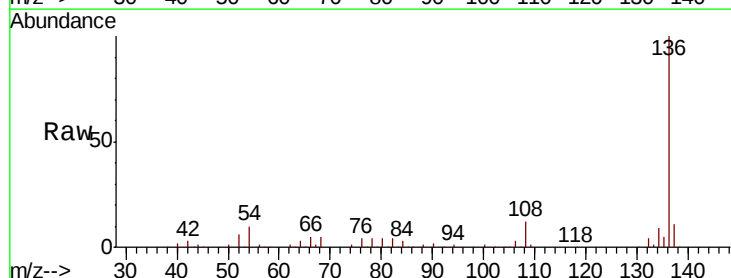
Ion Ratio Lower Upper

136 100

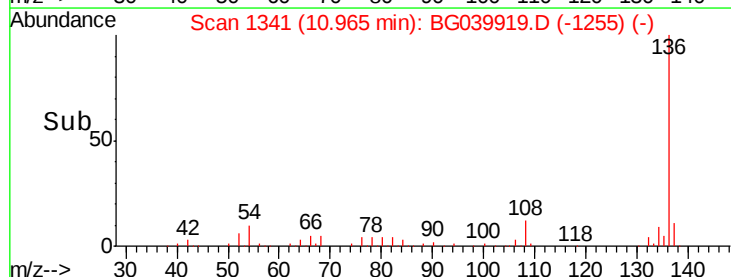
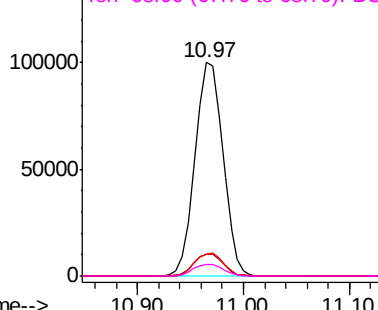
137 10.5 9.1 13.7

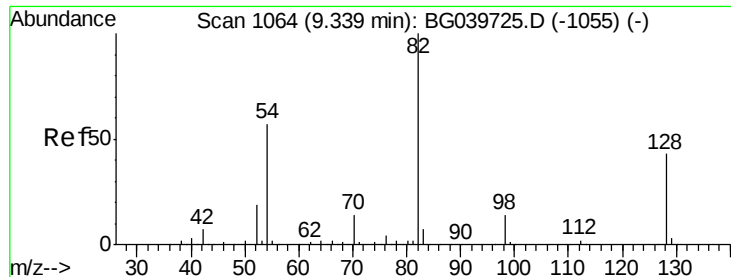
54 10.5 9.4 14.2

68 5.4 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

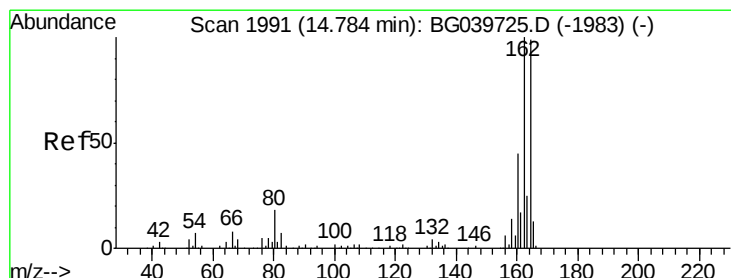
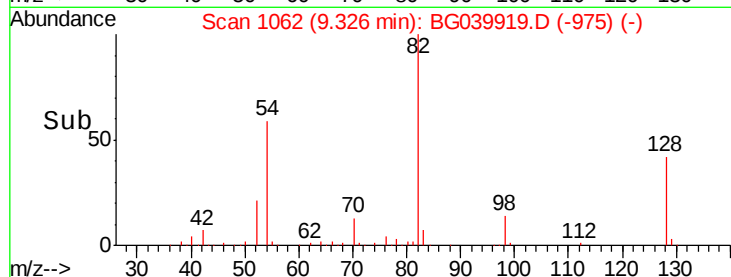
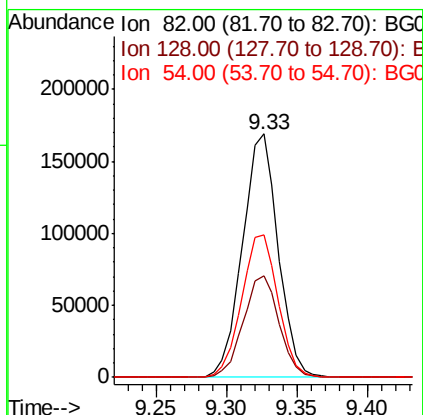
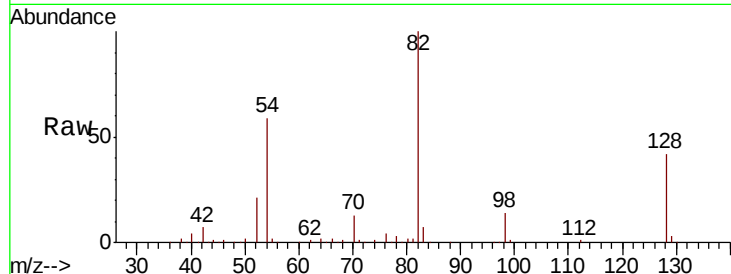




#23
Nitrobenzene-d5
Concen: 88.007 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039919.D
Acq: 14 Mar 2019 2:01

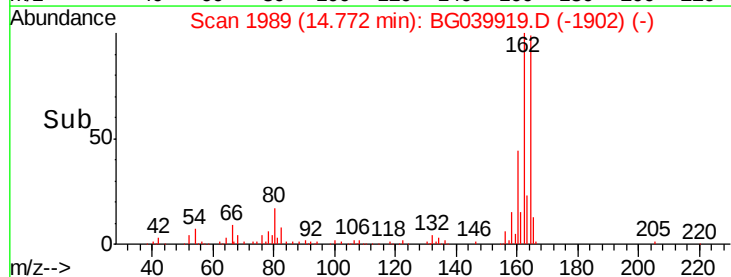
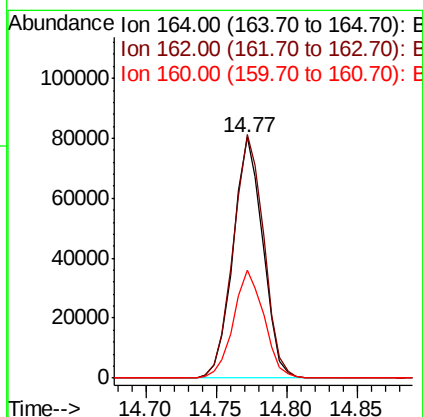
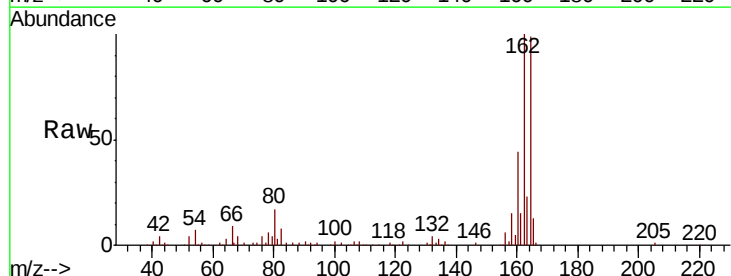
Instrument :
BNA_G
ClientSampleId :
TP-2

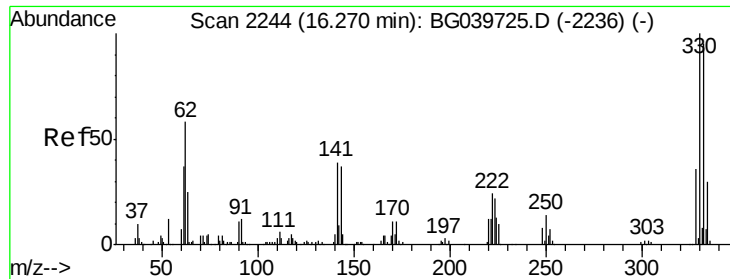
Tot Ion: 82 Resp: 298202
Ion Ratio Lower Upper
82 100
128 41.8 31.3 46.9
54 58.7 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039919.D
Acq: 14 Mar 2019 2:01

Tgt Ion:164 Resp: 118160
Ion Ratio Lower Upper
164 100
162 101.1 81.6 122.4
160 44.9 34.2 51.2

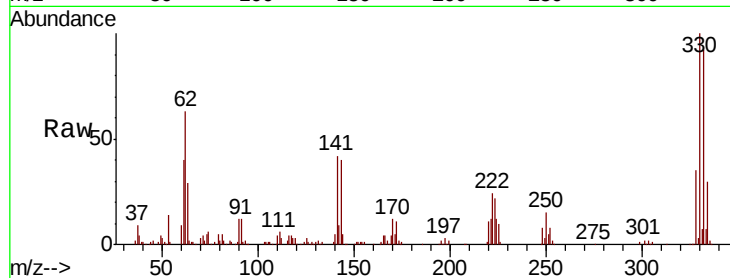




#42
 2,4,6-Tribromophenol
 Concen: 124.577 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039919.D
 Acq: 14 Mar 2019 2:01

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion	330	332	141
Resp:	171572		
Ion Ratio	100	94.4	42.5
Lower		75.7	35.6
Upper		113.5	53.4

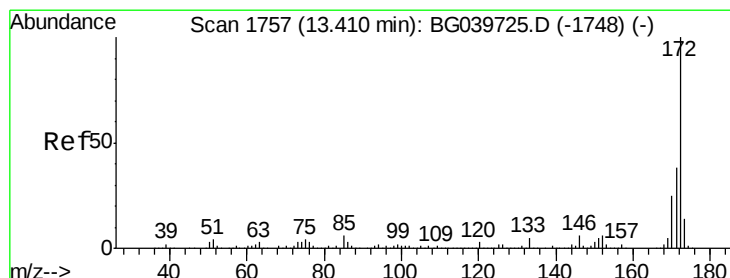
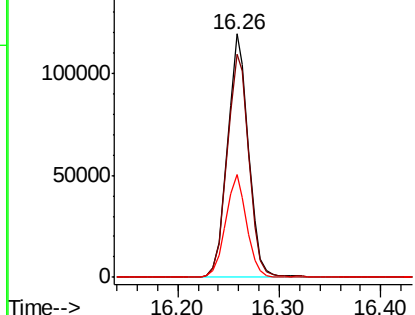
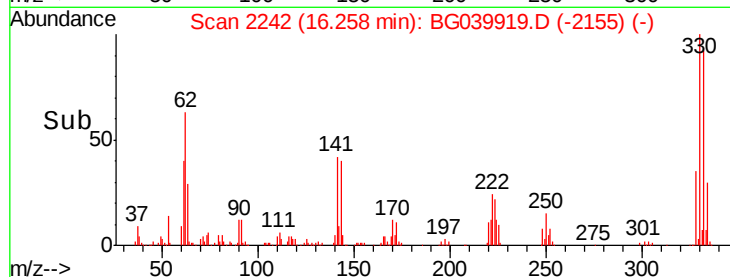


Abundance

Ion 329.80 (329.50 to 330.50): E

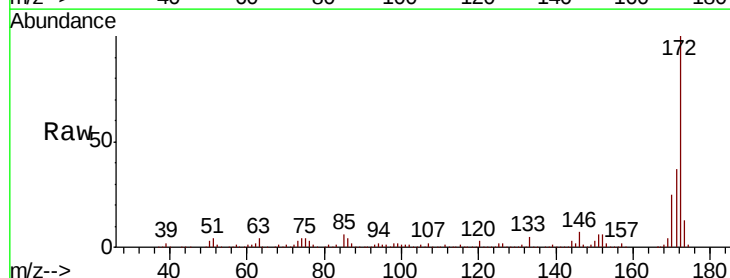
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.243 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039919.D
 Acq: 14 Mar 2019 2:01

Tgt Ion	172	171	170
Resp:	707410		
Ion Ratio	100	37.2	25.3
Lower		30.8	20.2
Upper		46.2	30.4

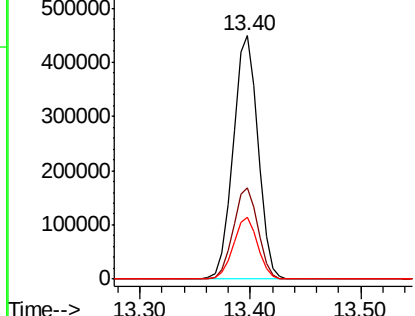
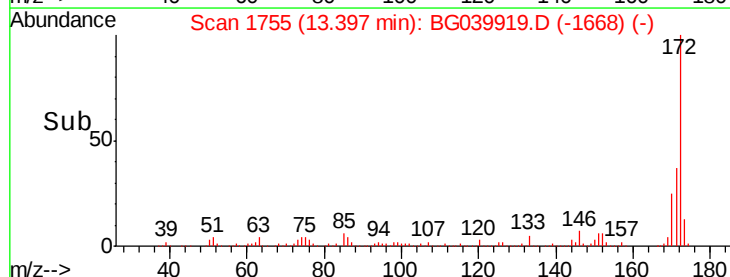


Abundance

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

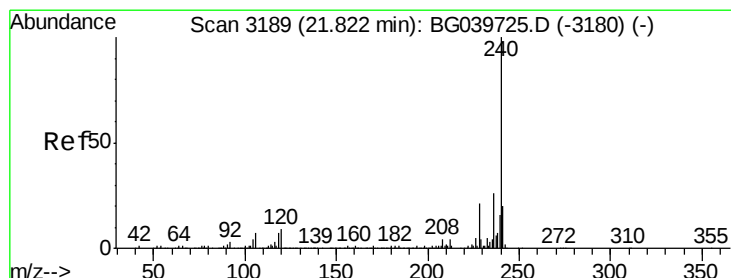
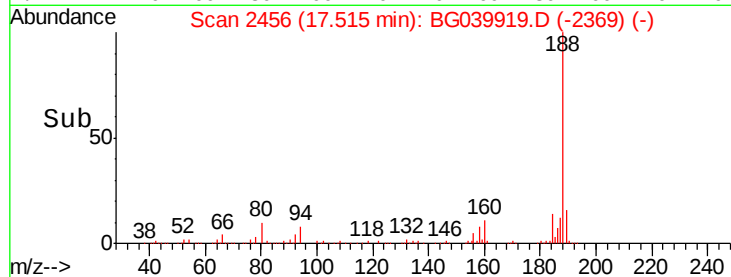
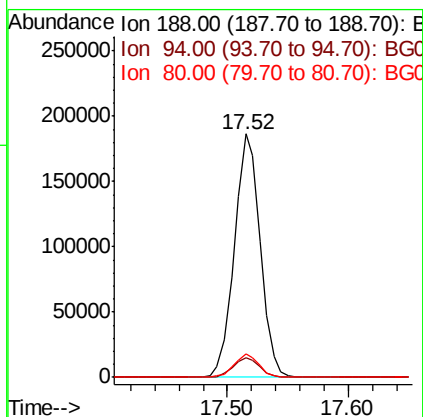
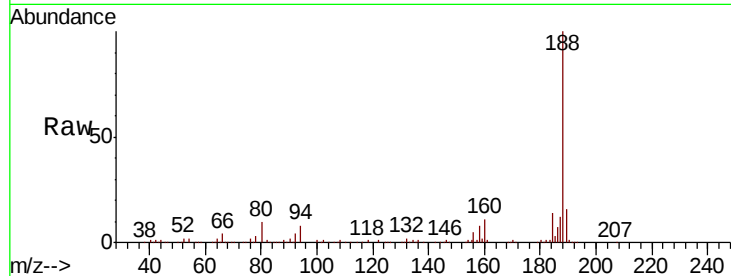




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039919.D
Acq: 14 Mar 2019 2:01

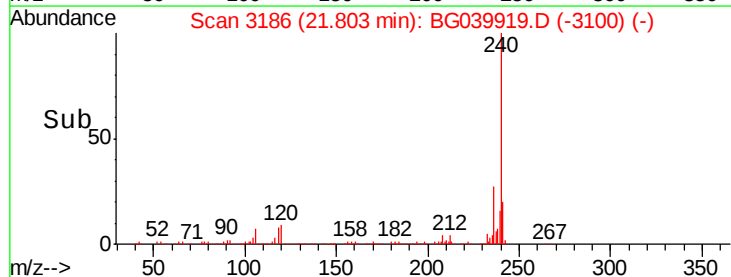
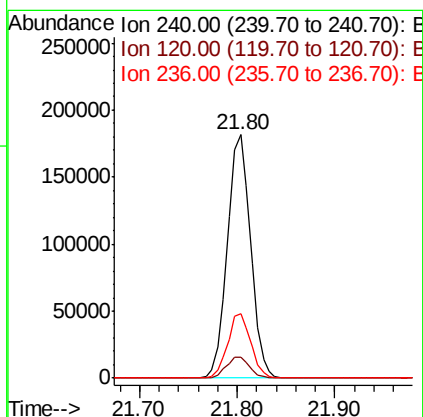
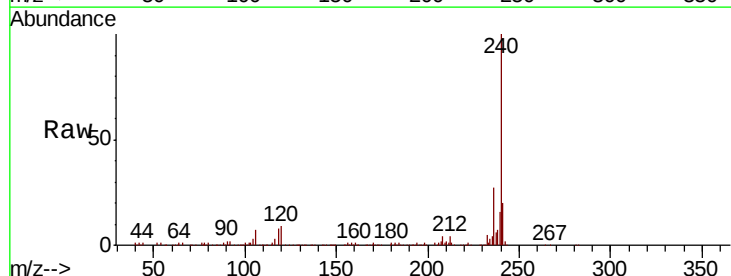
Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:188 Resp: 277017
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.6 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: BG039919.D
Acq: 14 Mar 2019 2:01

Tgt Ion:240 Resp: 300784
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 26.6 21.0 31.4





#79

Terphenyl-d14

Concen: 80.200 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039919.D

Acq: 14 Mar 2019 2:01

Instrument :

BNA_G

ClientSampled :

TP-2

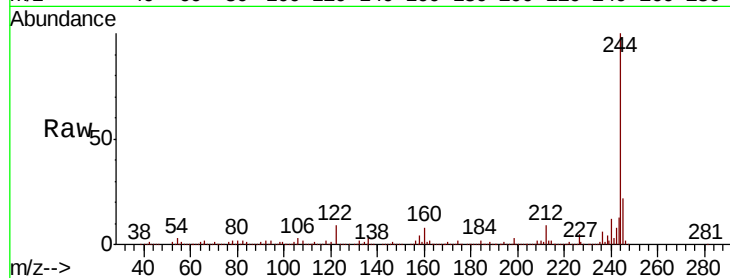
Tot Ion:244 Resp: 1095591

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

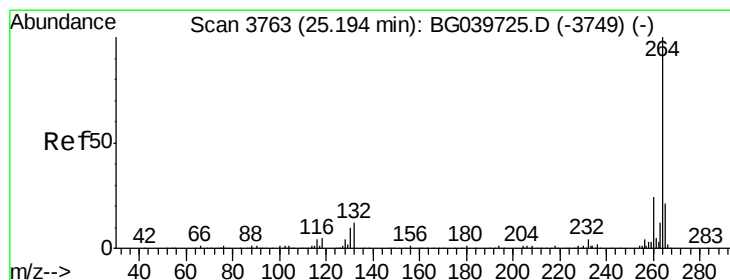
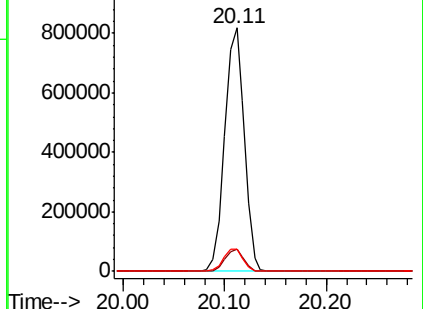
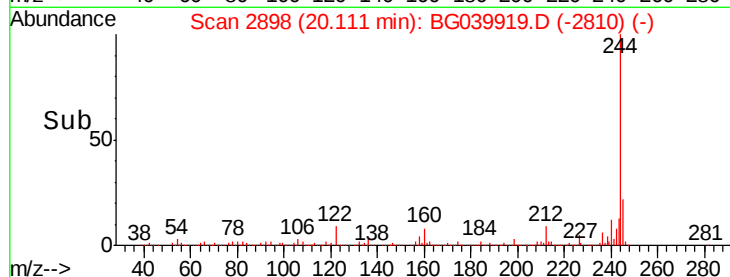
122 9.1 8.4 12.6



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: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG039919.D

Acq: 14 Mar 2019 2:01

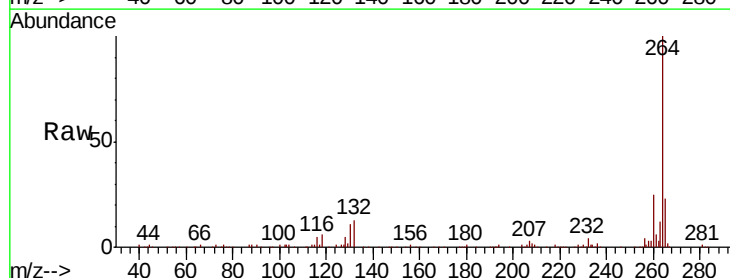
Tgt Ion:264 Resp: 300487

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

265 22.6 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

