

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
 Data File : BG039917.D
 Acq On : 14 Mar 2019 00:42
 Operator : JU/SJ
 Sample : K1870-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-3

Quant Time: Mar 14 04:47:45 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	43248	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	176720	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	115170	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	268585	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	300402	20.00	ng	-0.03
87) Perylene-d12	25.16	264	298580	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	323539	127.63	ng	-0.01
7) Phenol-d6	7.29	99	400642	105.99	ng	-0.02
23) Nitrobenzene-d5	9.33	82	326260	99.85	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	188795	140.64	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	781532	96.62	ng	-0.02
79) Terphenyl-d14	20.11	244	1255486	92.02	ng	-0.01

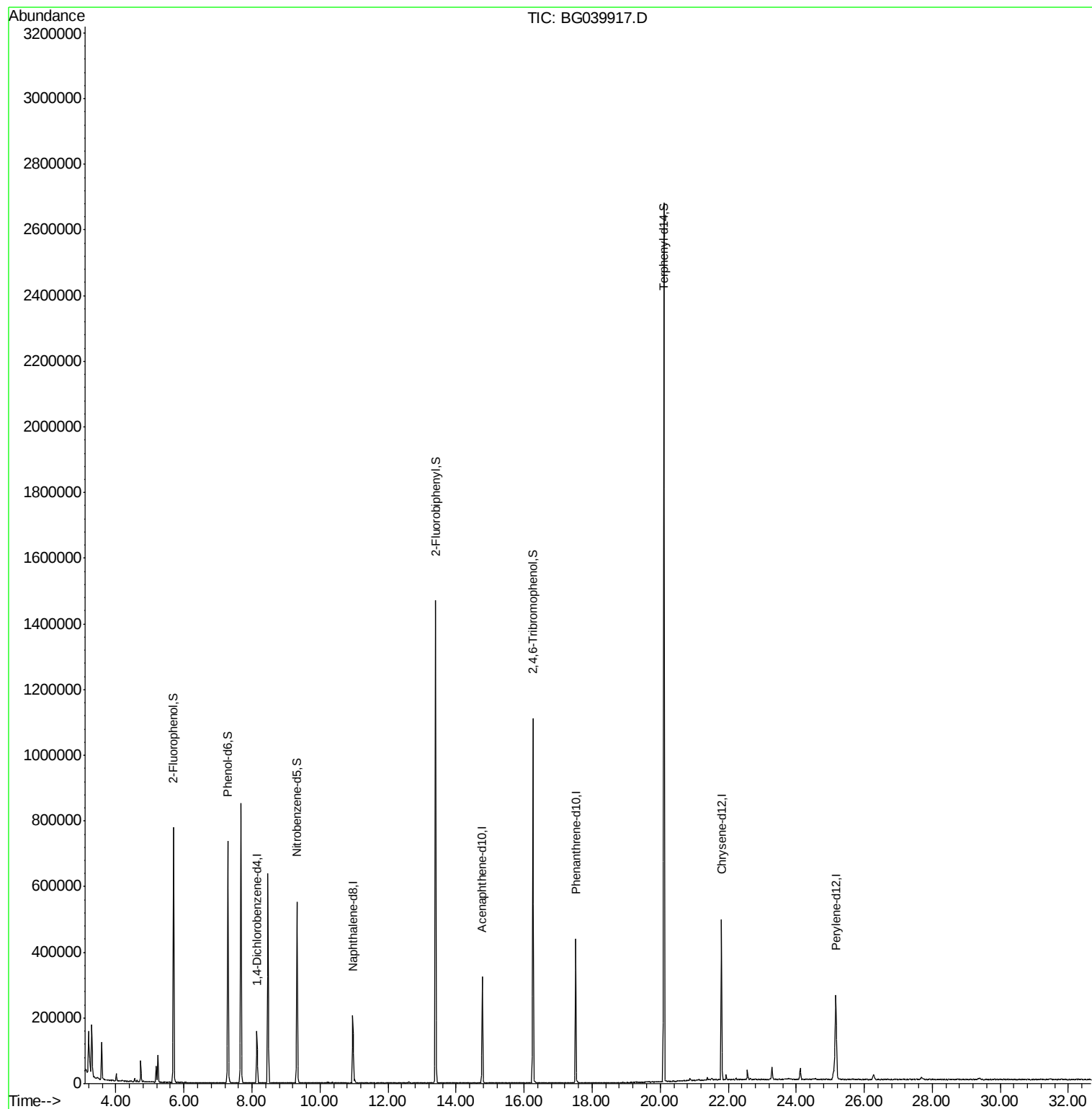
Target Compounds Qvalue

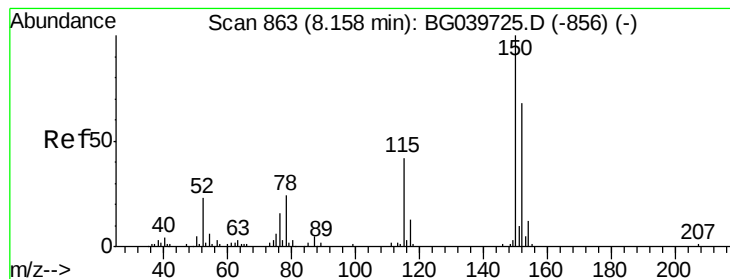
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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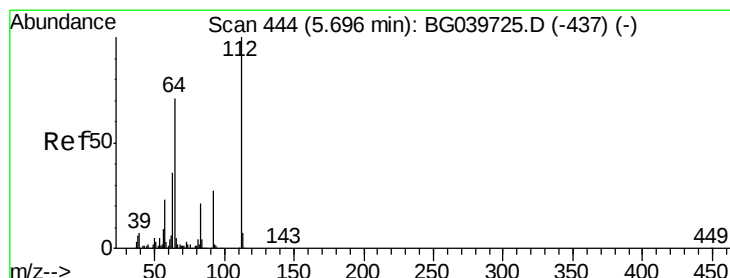
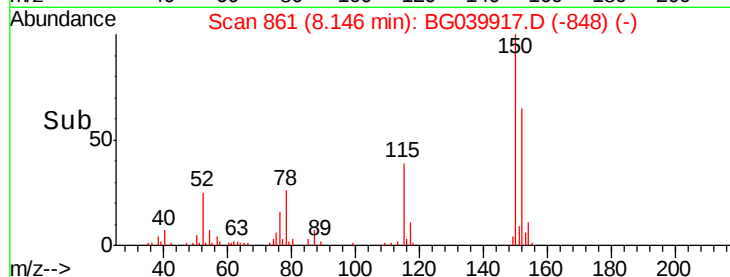
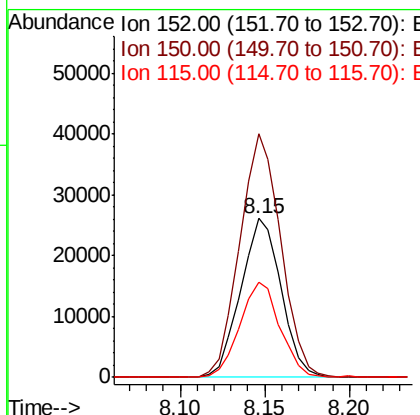
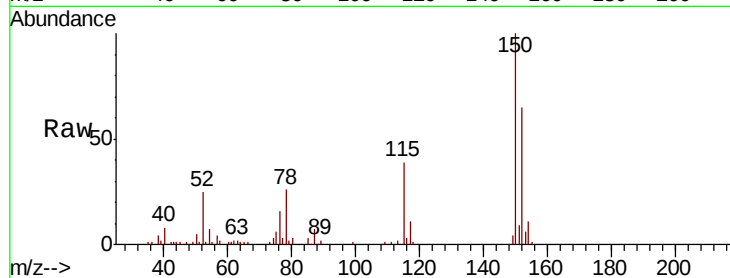


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Instrument :
BNA_G
ClientSampled :
SP-3

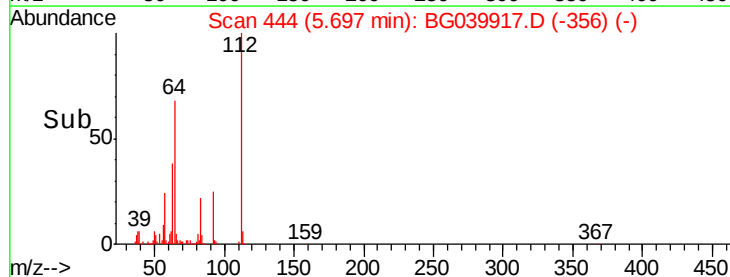
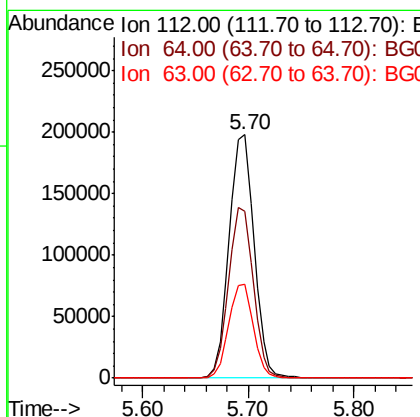
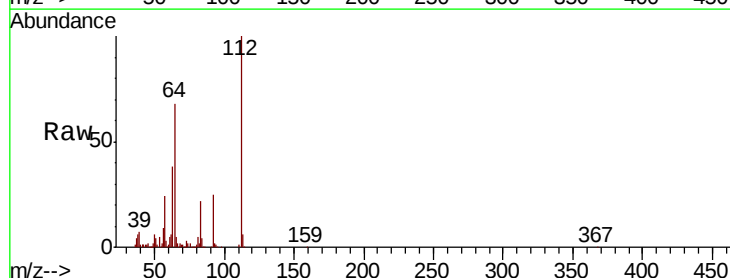
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.7	185.5
115	60.2	45.9	68.9



#5

2-Fluorophenol
Concen: 127.627 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	57.8	86.8
63	38.3	29.8	44.6





#7

Phenol-d6

Concen: 105.993 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039917.D

Acq: 14 Mar 2019 00:42

Instrument :

BNA_G

ClientSampleId :

SP-3

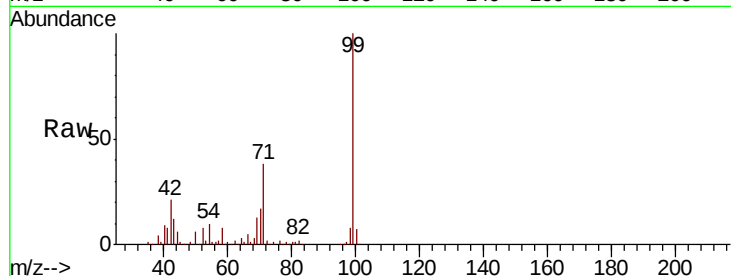
Tot Ion: 99 Resp: 400642

Ion Ratio Lower Upper

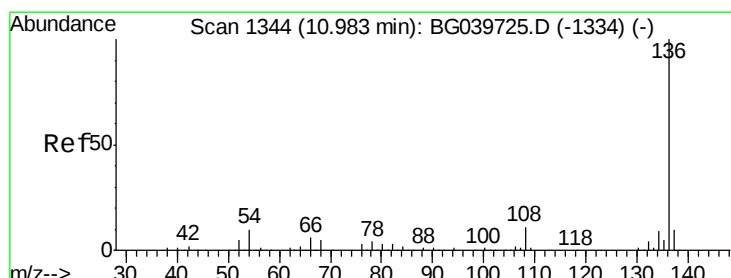
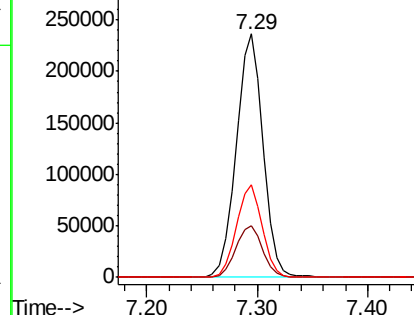
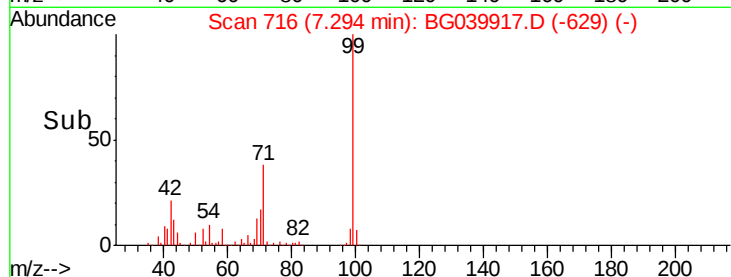
99 100

42 21.2 18.2 27.2

71 38.0 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: BG039917.D

Acq: 14 Mar 2019 00:42

Tgt Ion: 136 Resp: 176720

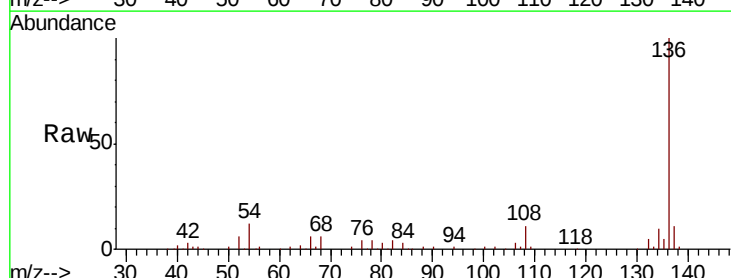
Ion Ratio Lower Upper

136 100

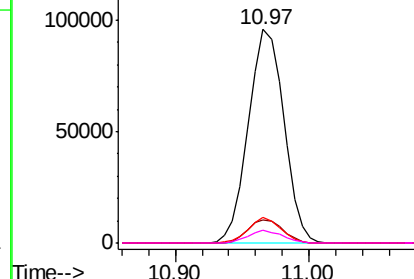
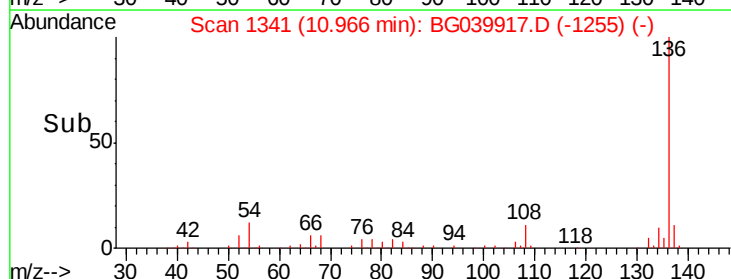
137 10.7 9.1 13.7

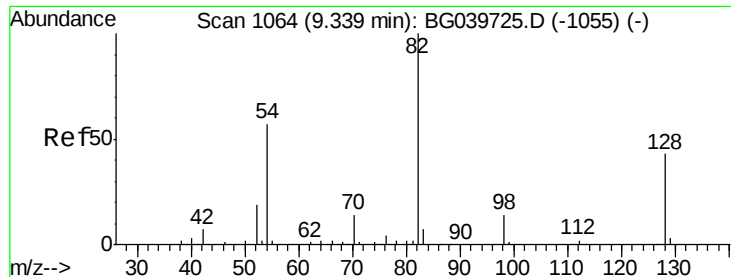
54 11.8 9.4 14.2

68 6.1 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

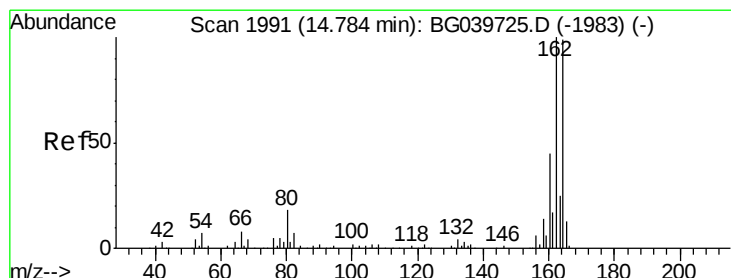
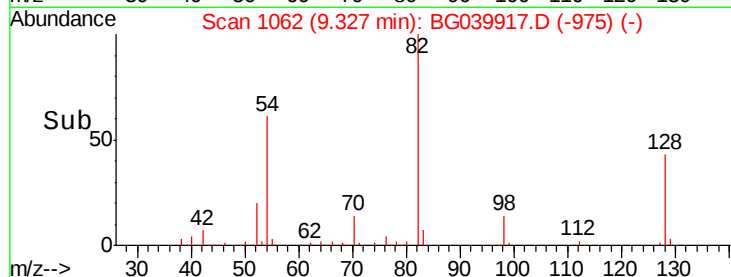
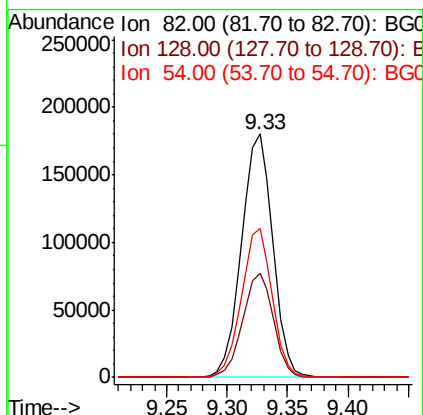
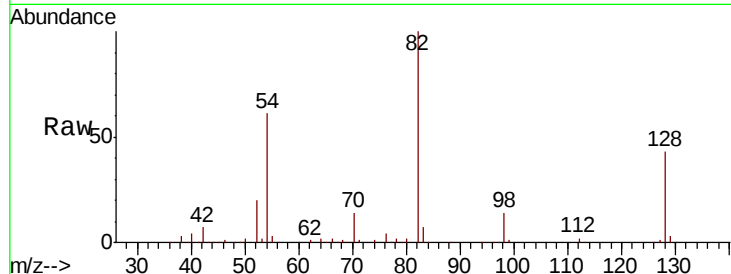




#23
 Nitrobenzene-d5
 Concen: 99.850 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039917.D
 Acq: 14 Mar 2019 00:42

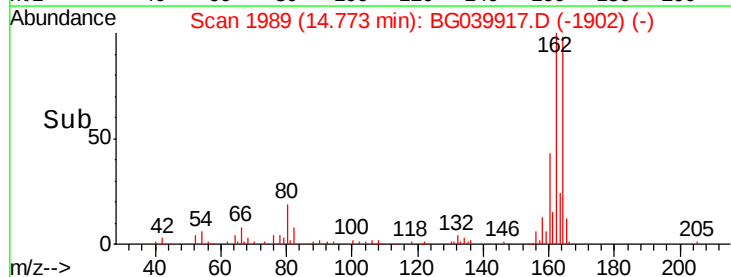
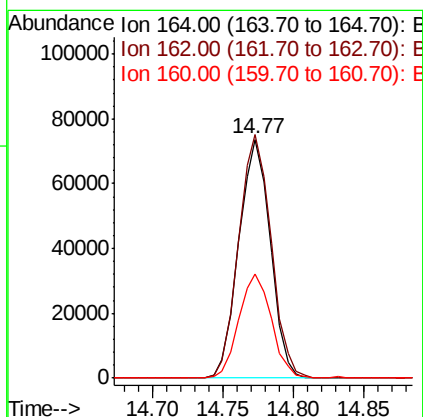
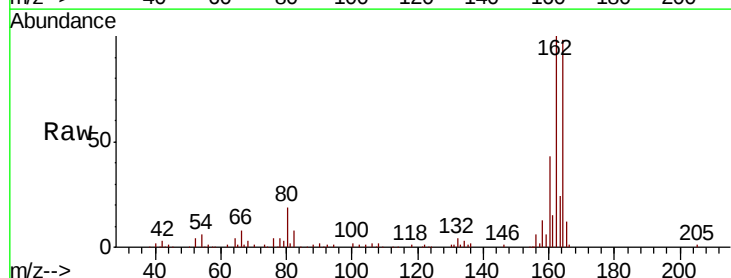
Instrument :
 BNA_G
 ClientSampled :
 SP-3

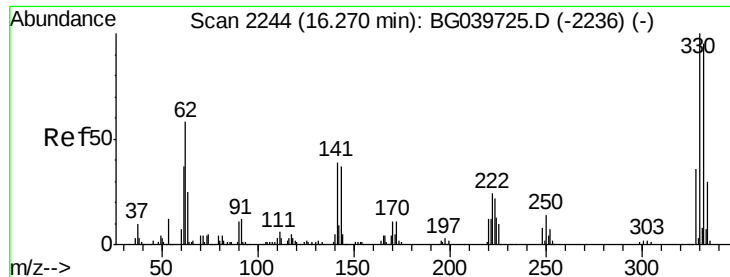
Tot Ion: 82 Resp: 326260
 Ion Ratio Lower Upper
 82 100
 128 42.5 31.3 46.9
 54 61.0 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG039917.D
 Acq: 14 Mar 2019 00:42

Tgt Ion:164 Resp: 115170
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.6 122.4
 160 43.7 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 140.641 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039917.D

Acq: 14 Mar 2019 00:42

Instrument :

BNA_G

ClientSampleId :

SP-3

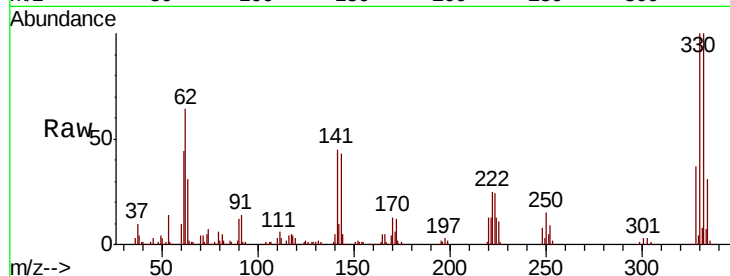
Tot Ion:330 Resp: 188795

Ion Ratio Lower Upper

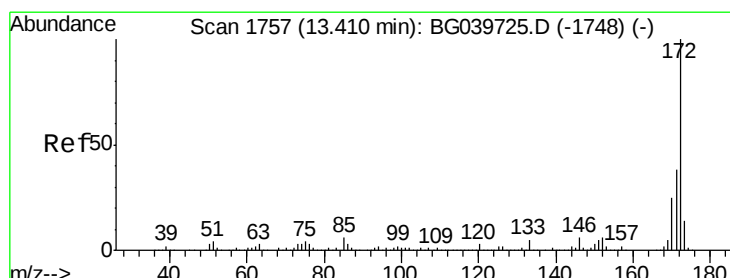
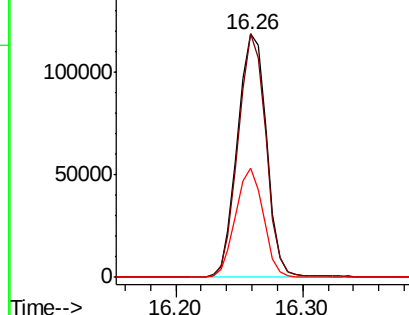
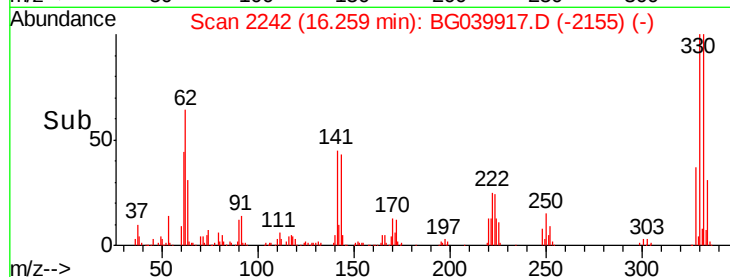
330 100

332 96.1 75.7 113.5

141 42.8 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: 96.620 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG039917.D

Acq: 14 Mar 2019 00:42

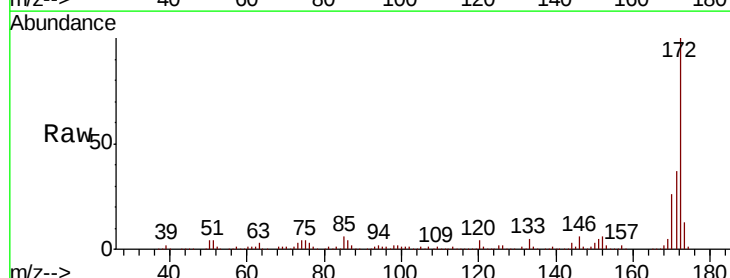
Tgt Ion:172 Resp: 781532

Ion Ratio Lower Upper

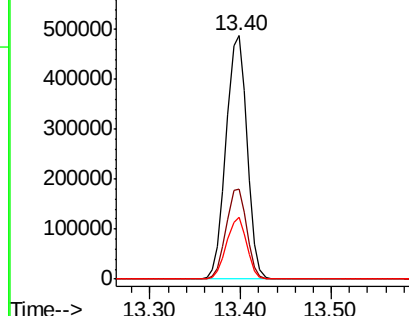
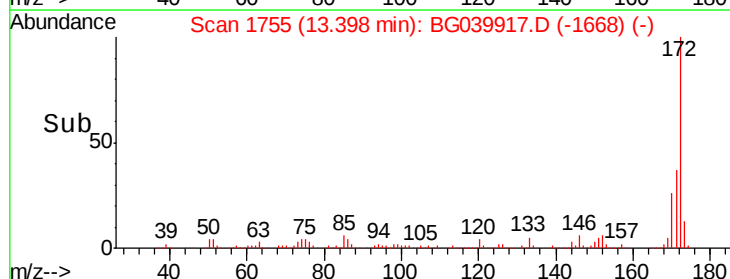
172 100

171 37.1 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

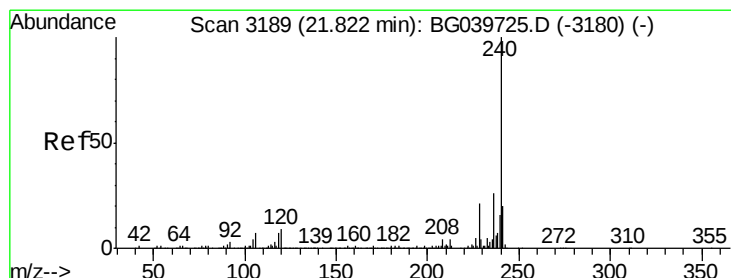
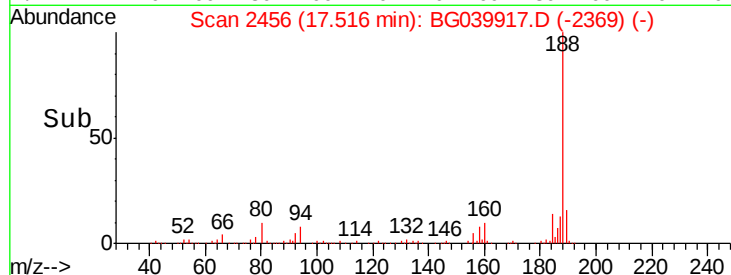
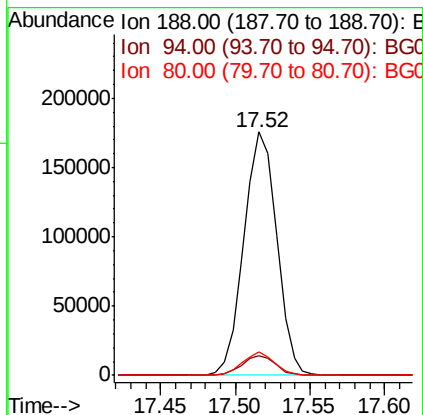
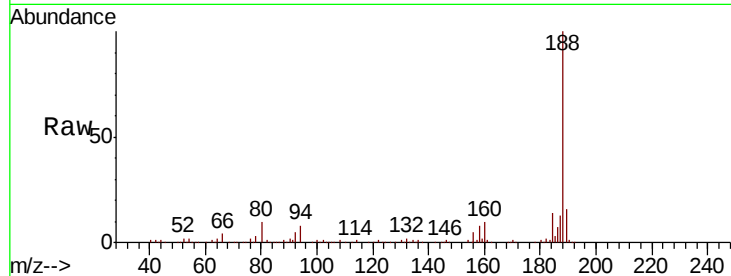




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

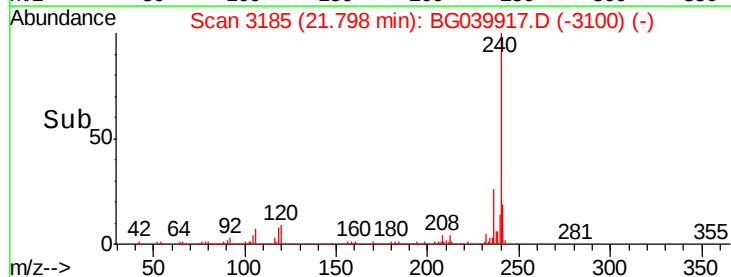
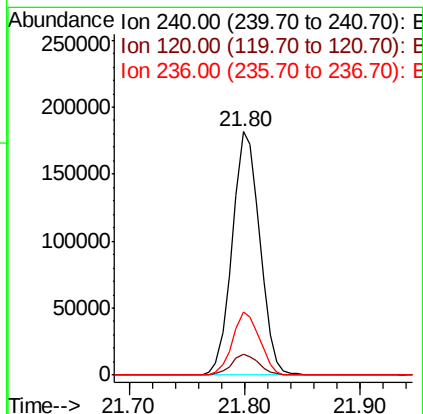
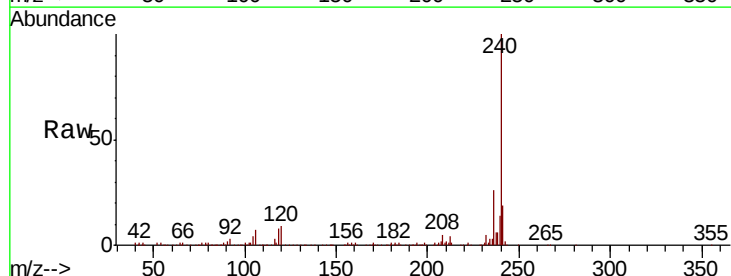
Instrument :
BNA_G
ClientSampleId :
SP-3

Tot Ion:188 Resp: 268585
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# 3185
Delta R.T. -0.03 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Tgt Ion:240 Resp: 300402
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 25.8 21.0 31.4





#79

Terphenyl-d14

Concen: 92.021 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039917.D

Acq: 14 Mar 2019 00:42

Instrument :

BNA_G

ClientSampleId :

SP-3

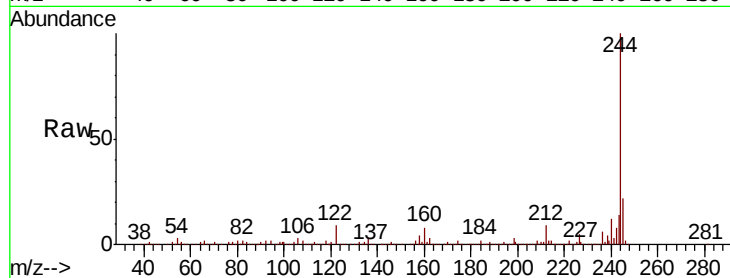
Tot Ion:244 Resp: 1255486

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	9.1	8.4	12.6

244 100

212 9.0 7.3 10.9

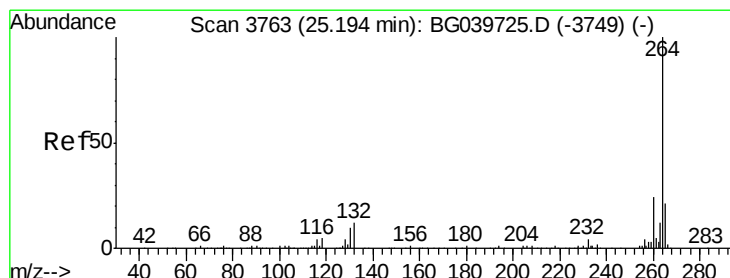
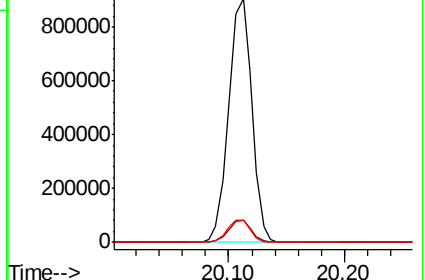
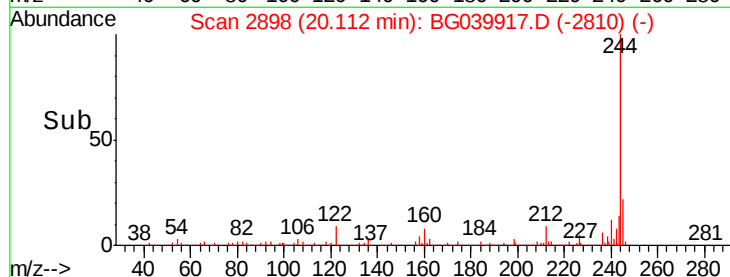
122 9.1 8.4 12.6



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: BG039917.D

Acq: 14 Mar 2019 00:42

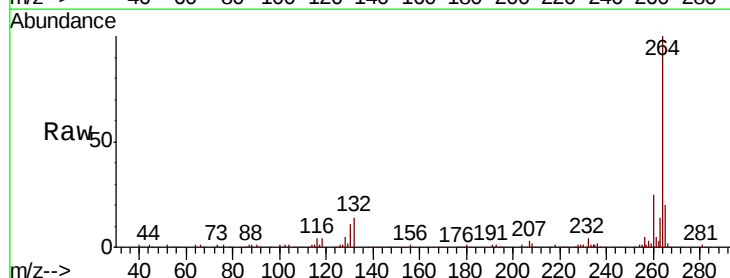
Tgt Ion:264 Resp: 298580

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	20.3	18.5	27.7

264 100

260 24.5 18.2 27.4

265 20.3 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

