

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039861.D
 Acq On : 12 Mar 2019 4:59
 Operator : JU/SJ
 Sample : K1787-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Quant Time: Mar 12 09:35:45 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	39725	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	163642	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	114097	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	296296	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	324289	20.00	ng	-0.02
87) Perylene-d12	25.18	264	312496	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	317931	136.54	ng	-0.01
7) Phenol-d6	7.30	99	415685	119.73	ng	-0.02
23) Nitrobenzene-d5	9.33	82	301443	99.63	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	207646	156.14	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	741304	92.51	ng	-0.02
79) Terphenyl-d14	20.11	244	1335940	90.71	ng	-0.01

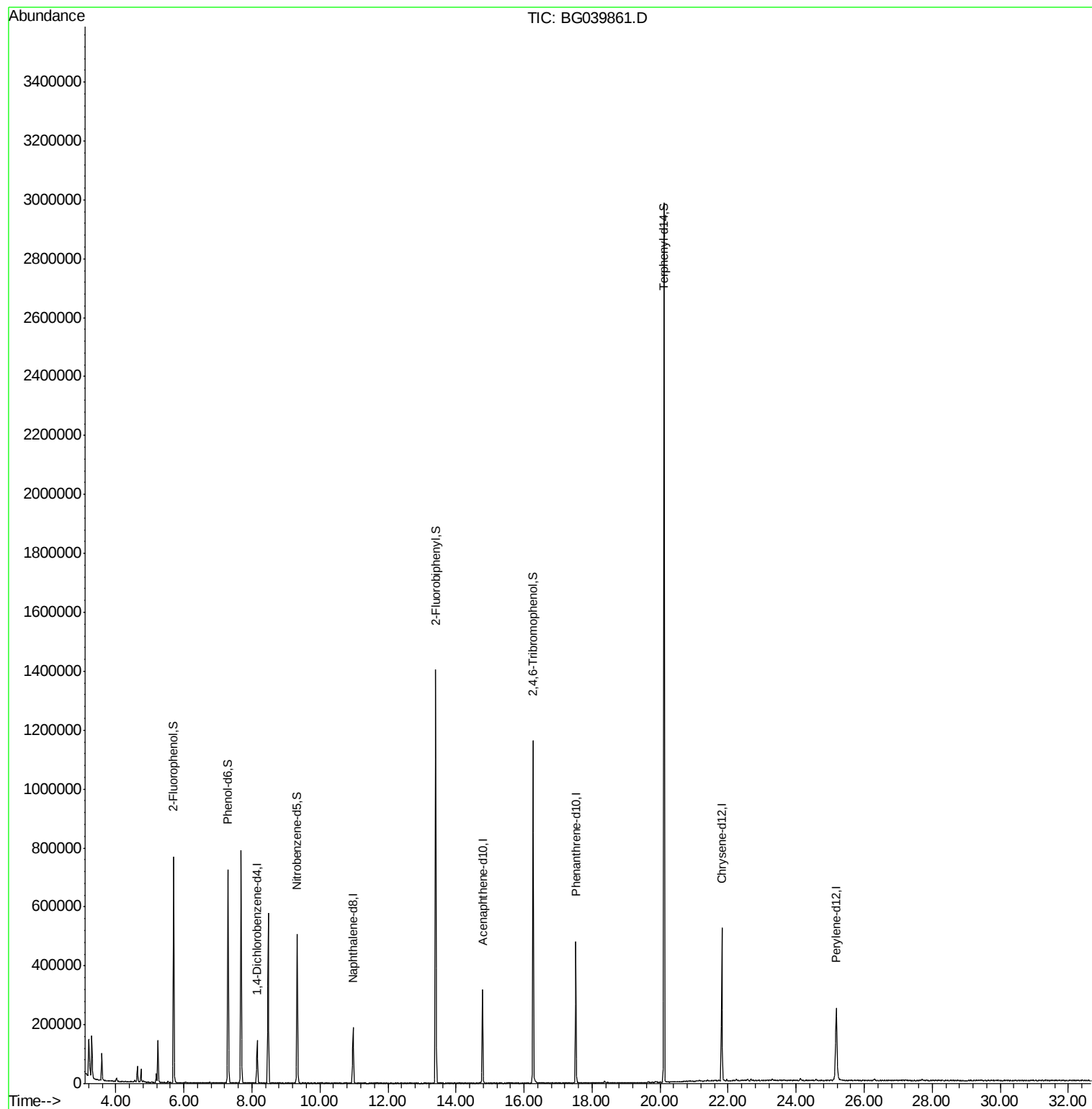
Target Compounds Qvalue

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

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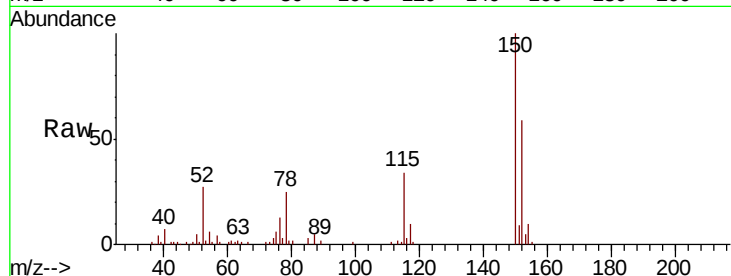


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Instrument :
BNA_G
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.6	123.7	185.5
115	57.2	45.9	68.9

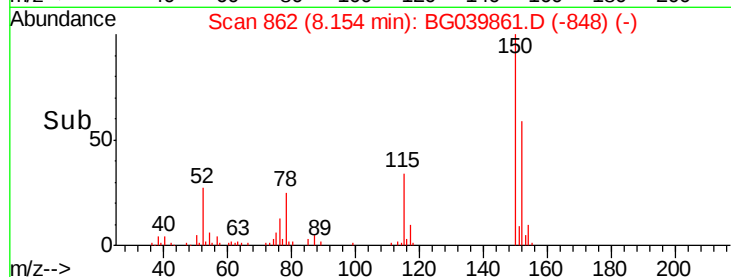
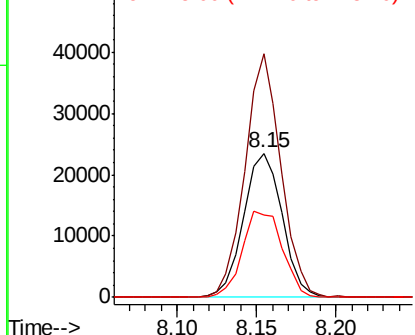


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

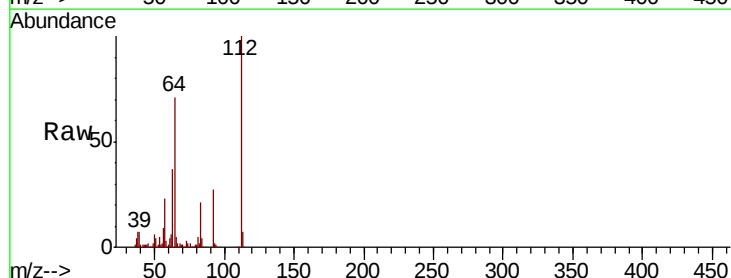
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.537 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	57.8	86.8
63	37.0	29.8	44.6

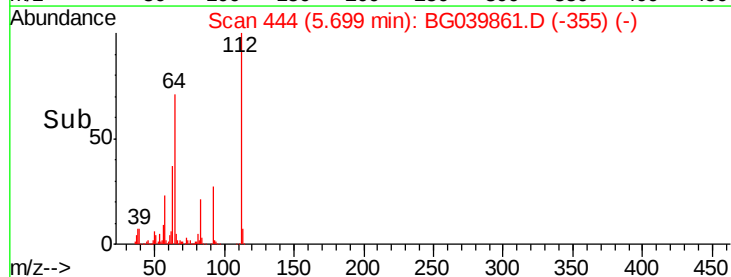
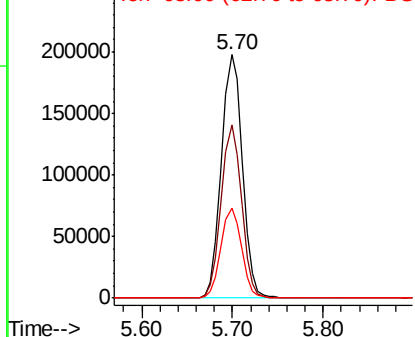


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 119.726 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039861.D

Acq: 12 Mar 2019 4:59

Instrument :

BNA_G

ClientSampleId :

SP-1

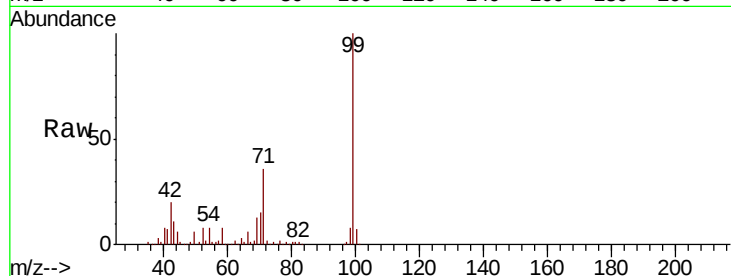
Tot Ion: 99 Resp: 415685

Ion Ratio Lower Upper

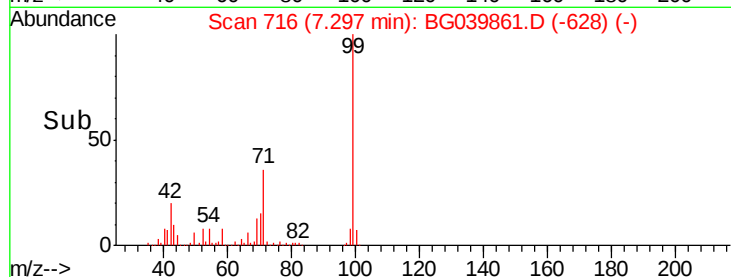
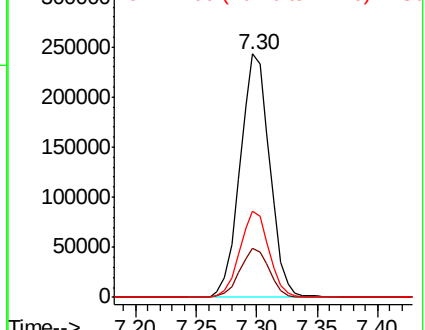
99 100

42 20.2 18.2 27.2

71 35.5 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# 1342

Delta R.T. -0.02 min

Lab File: BG039861.D

Acq: 12 Mar 2019 4:59

Tgt Ion: 136 Resp: 163642

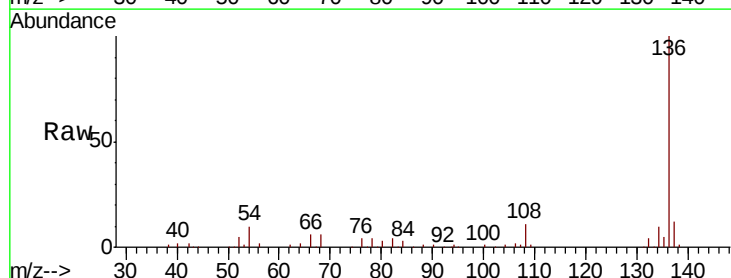
Ion Ratio Lower Upper

136 100

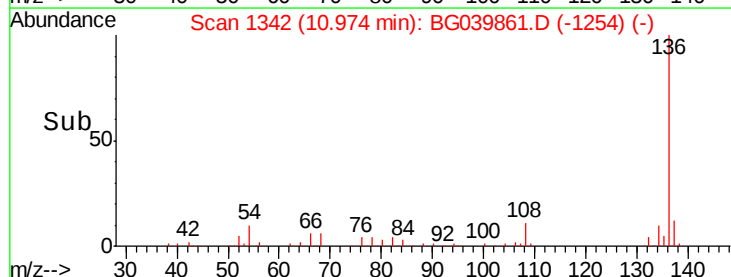
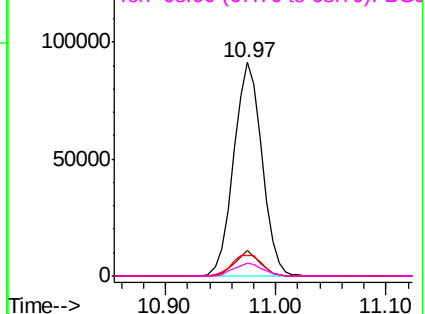
137 12.1 9.1 13.7

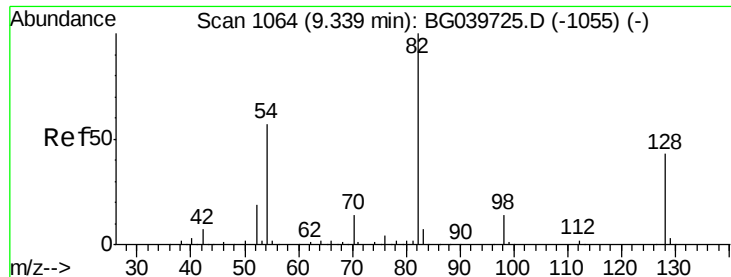
54 9.7 9.4 14.2

68 6.1 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

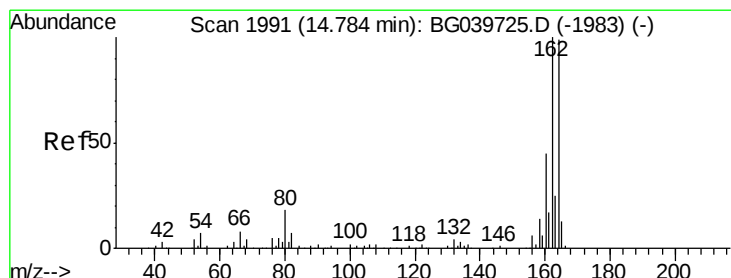
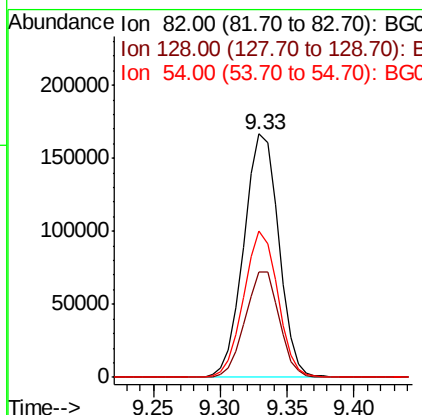
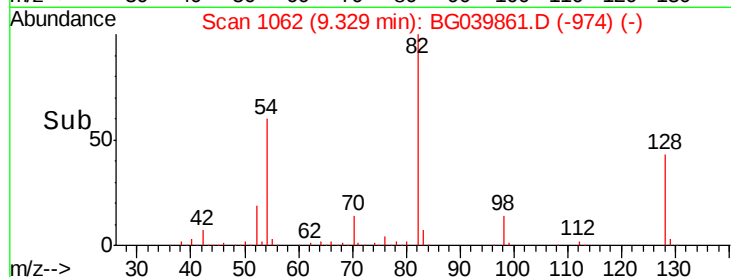
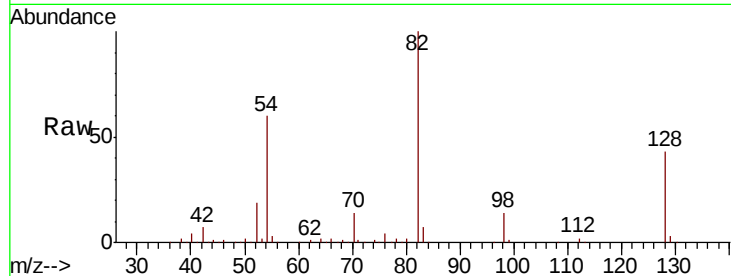




#23
Nitrobenzene-d5
Concen: 99.628 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

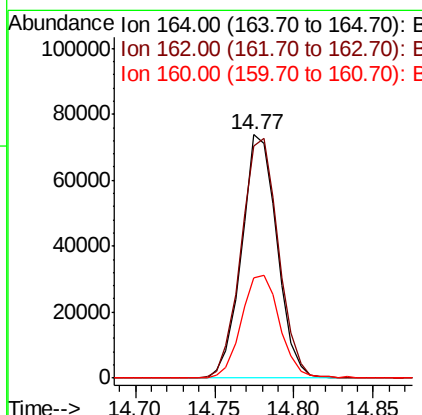
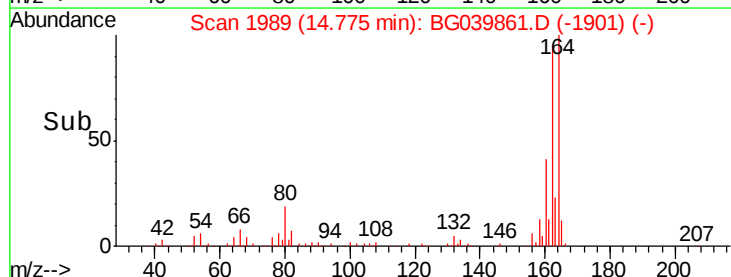
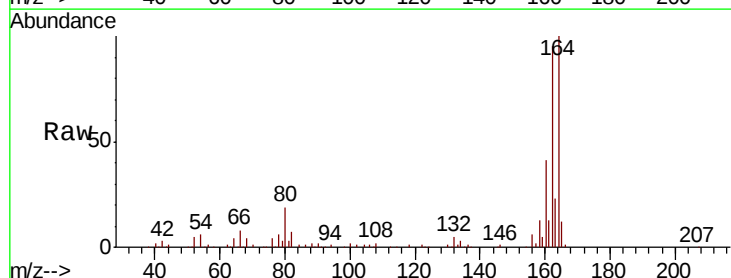
Instrument :
BNA_G
ClientSampleId :
SP-1

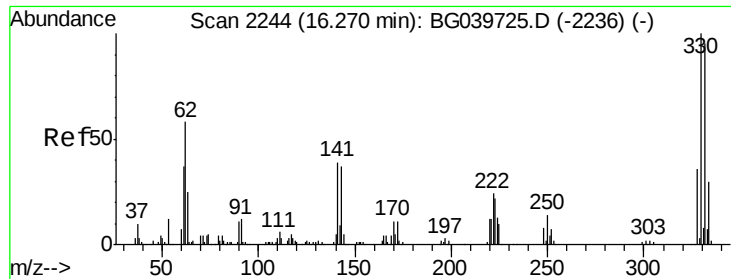
Tot Ion: 82 Resp: 301443
Ion Ratio Lower Upper
82 100
128 43.3 31.3 46.9
54 60.0 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Tgt Ion: 164 Resp: 114097
Ion Ratio Lower Upper
164 100
162 95.3 81.6 122.4
160 41.4 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 156.138 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039861.D

Acq: 12 Mar 2019 4:59

Instrument :

BNA_G

ClientSampleId :

SP-1

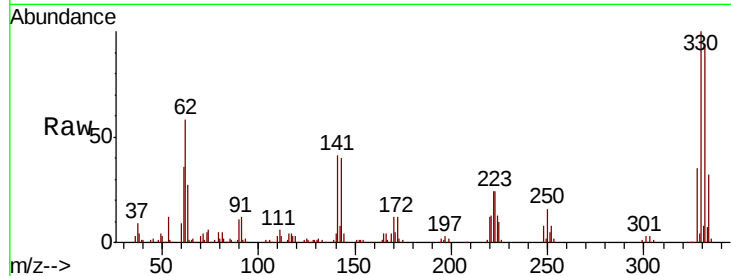
Tot Ion:330 Resp: 207646

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

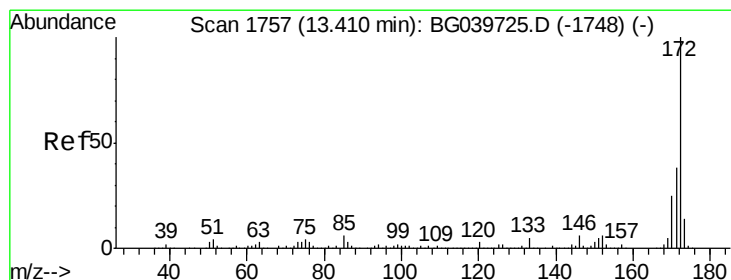
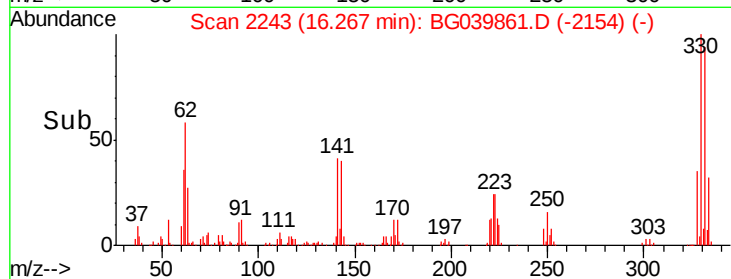
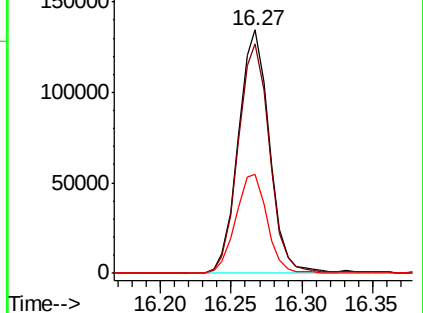
141 41.4 35.6 53.4



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: 92.508 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG039861.D

Acq: 12 Mar 2019 4:59

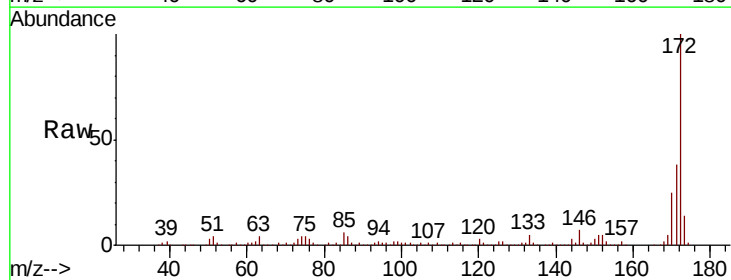
Tgt Ion:172 Resp: 741304

Ion Ratio Lower Upper

172 100

171 37.7 30.8 46.2

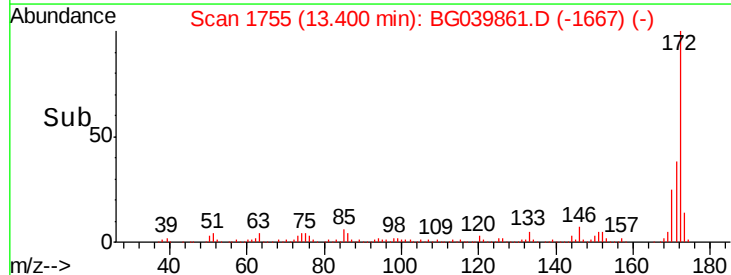
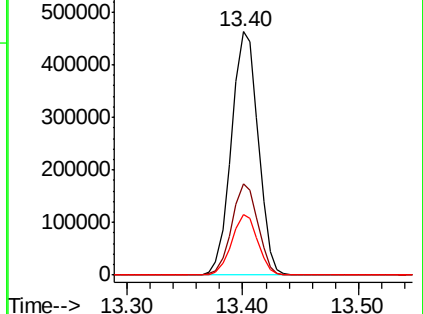
170 24.7 20.2 30.4

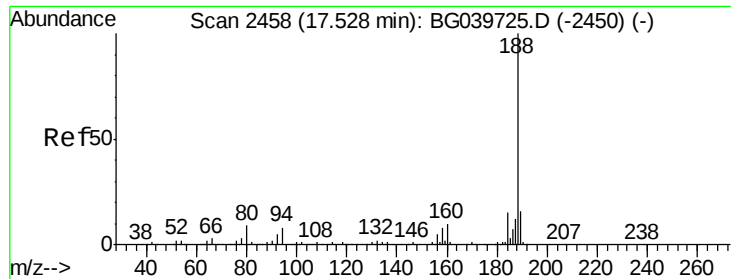


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2457

Delta R.T. -0.01 min

Lab File: BG039861.D

Acq: 12 Mar 2019 4:59

Instrument :

BNA_G

ClientSampleId :

SP-1

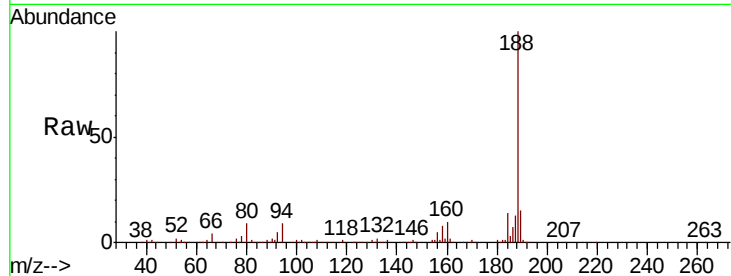
Tot Ion:188 Resp: 296296

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

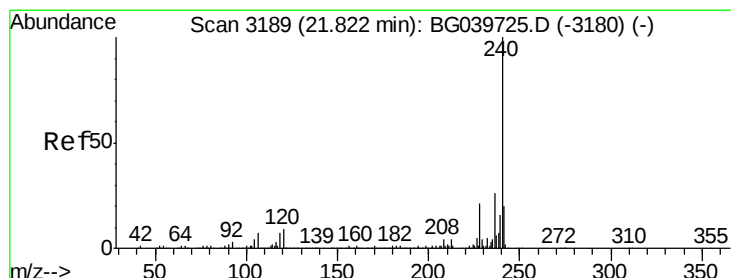
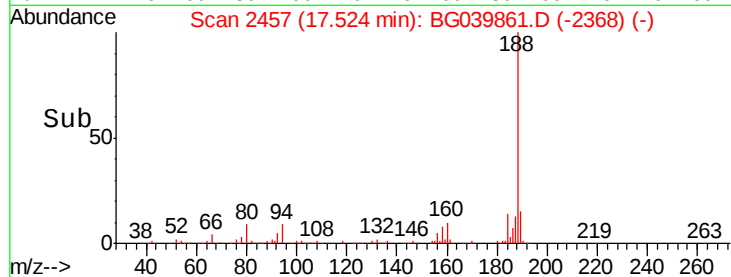
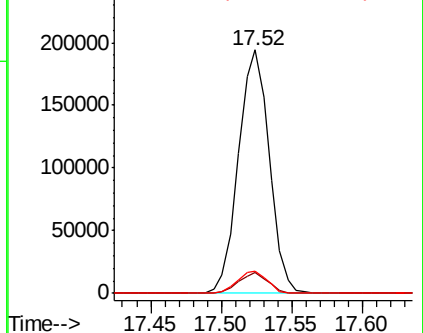
80 8.9 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039861.D

Acq: 12 Mar 2019 4:59

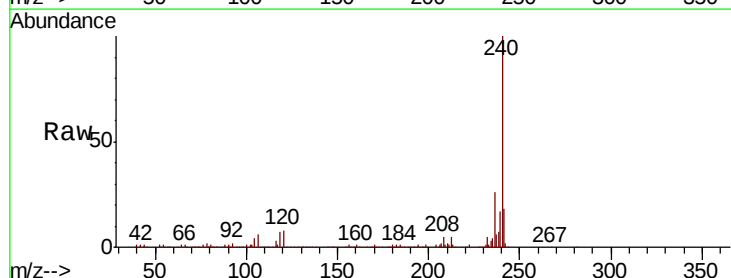
Tgt Ion:240 Resp: 324289

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

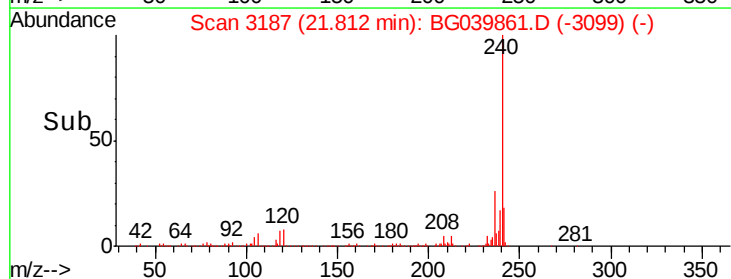
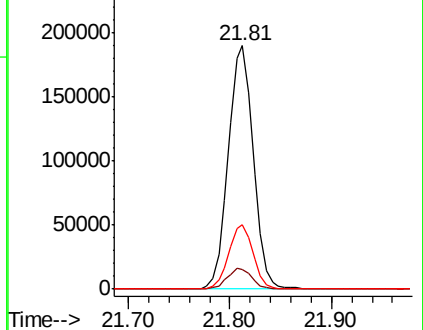
236 26.2 21.0 31.4

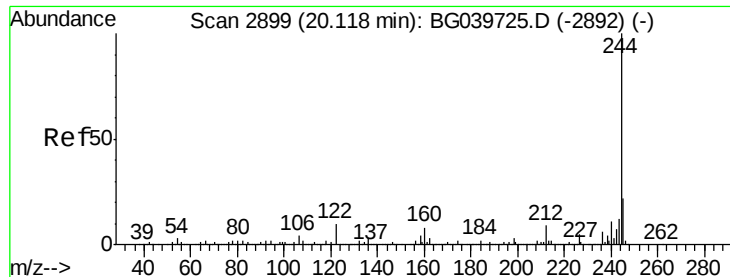


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.706 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039861.D

Acq: 12 Mar 2019 4:59

Instrument :

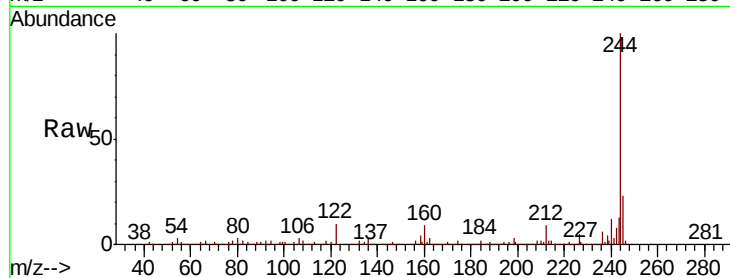
BNA_G

ClientSampleId :

SP-1

Tot Ion:244 Resp: 1335940

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	10.3	8.4	12.6

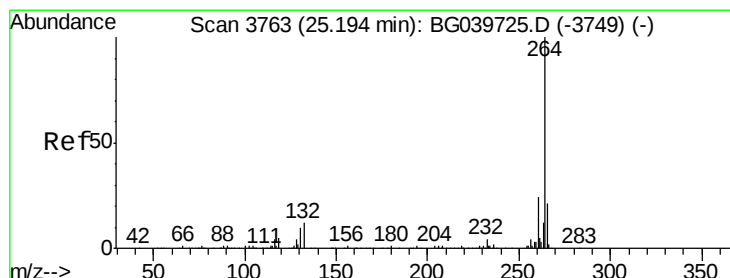
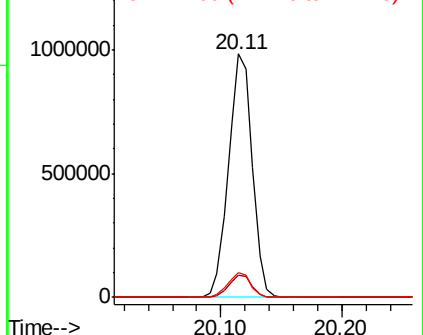
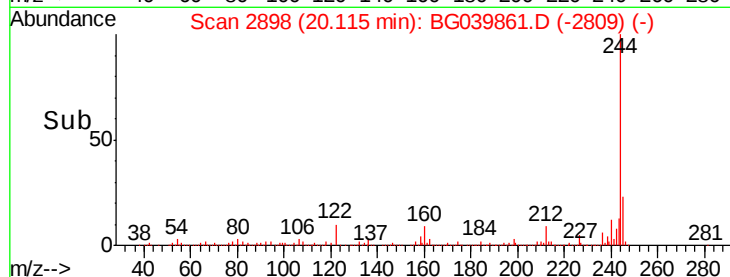


Abundance

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: 25.18 min Scan# 3760

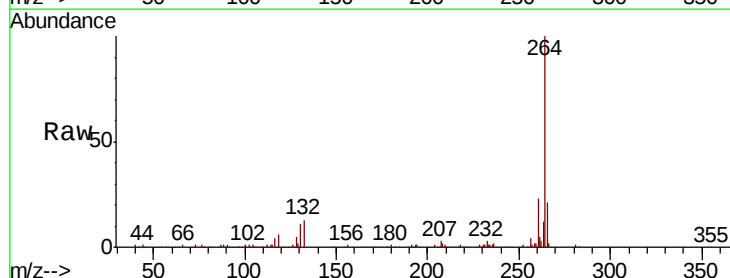
Delta R.T. -0.02 min

Lab File: BG039861.D

Acq: 12 Mar 2019 4:59

Tgt Ion:264 Resp: 312496

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.1	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

