

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039984.D
 Acq On : 19 Mar 2019 00:32
 Operator : JU/SJ
 Sample : K1932-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-5

Quant Time: Mar 19 08:27:42 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	41599	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	171266	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	111960	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	259363	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	256676	20.00	ng	-0.02
87) Perylene-d12	25.16	264	261715	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	145579	59.70	ng	-0.02
7) Phenol-d6	7.29	99	133966	36.85	ng	-0.02
23) Nitrobenzene-d5	9.32	82	310806	98.15	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	183818	140.86	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	745802	94.85	ng	-0.02
79) Terphenyl-d14	20.11	244	1060625	90.98	ng	-0.01

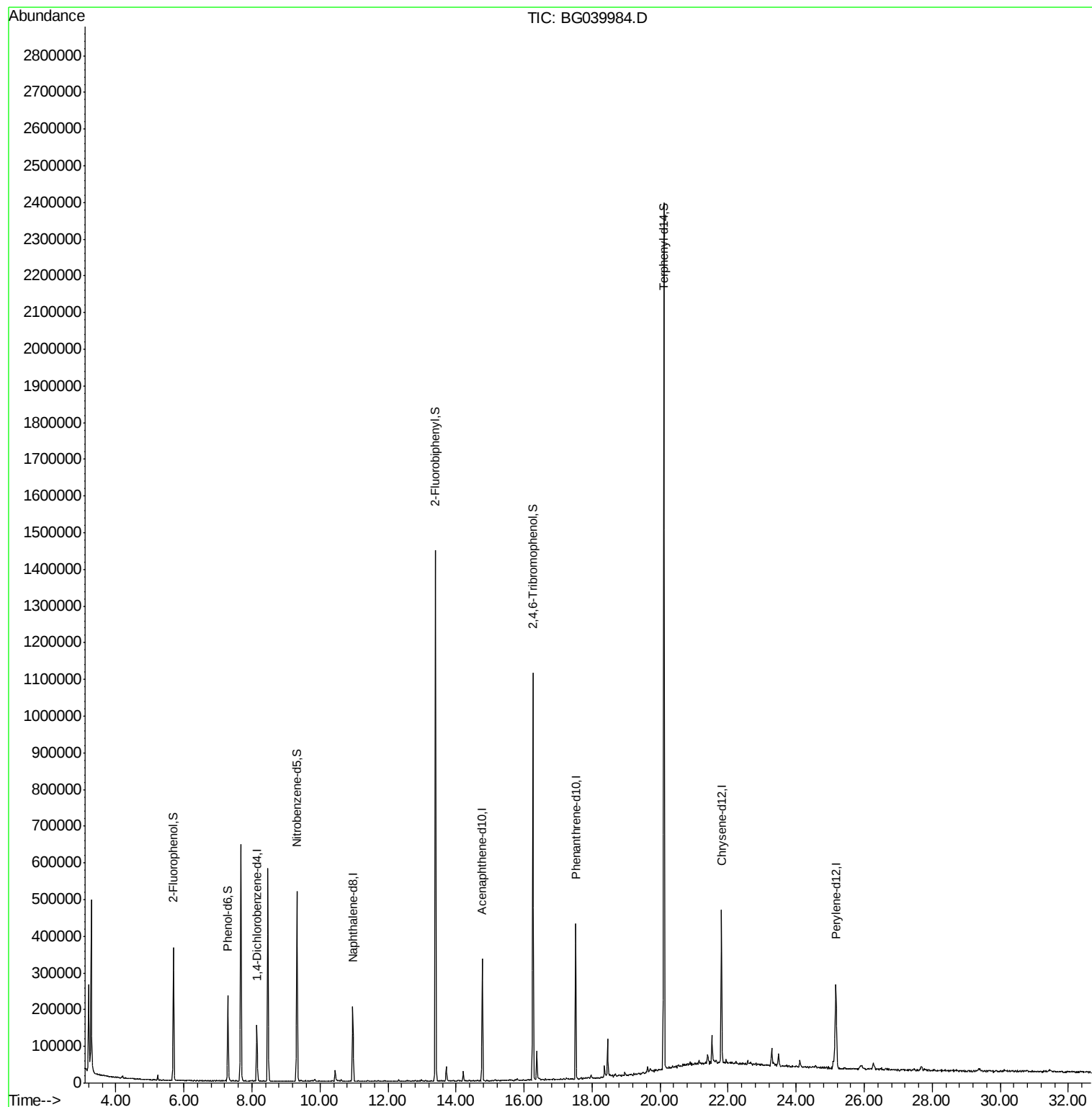
Target Compounds Qvalue

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

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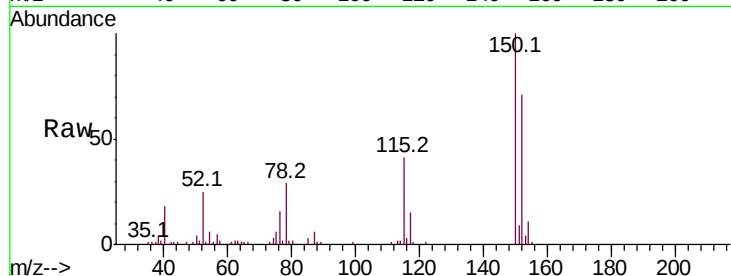


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039984.D
Acq: 19 Mar 2019 00:32

Instrument :
BNA_G
ClientSampleId :
TW-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.8	123.7	185.5
115	58.0	45.9	68.9

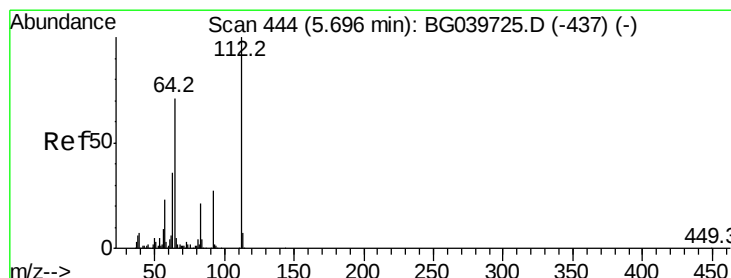
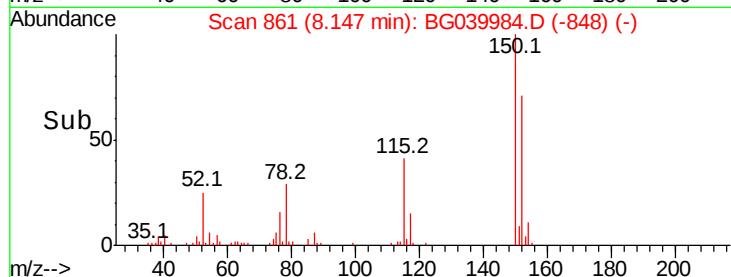
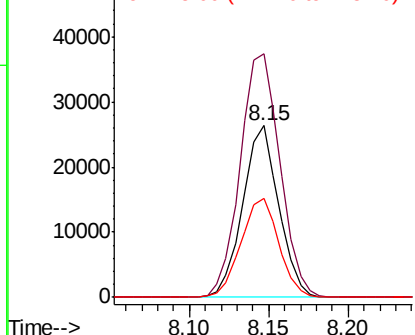


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

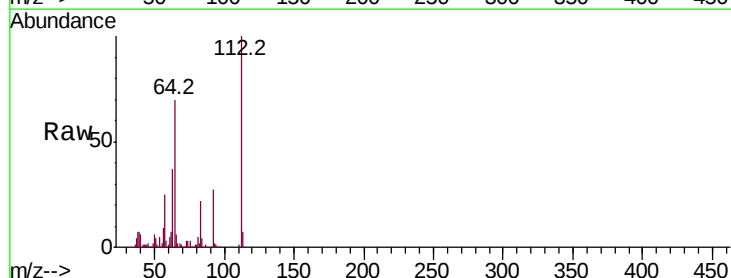
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 59.703 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039984.D
Acq: 19 Mar 2019 00:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	57.8	86.8
63	37.3	29.8	44.6

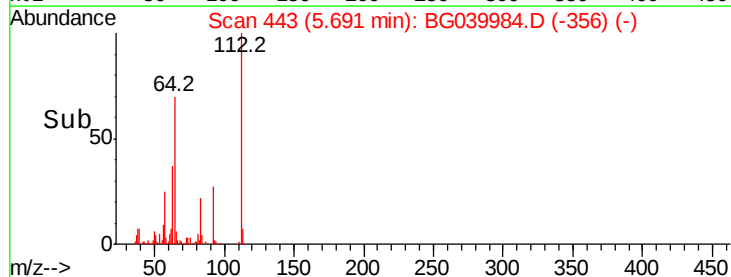
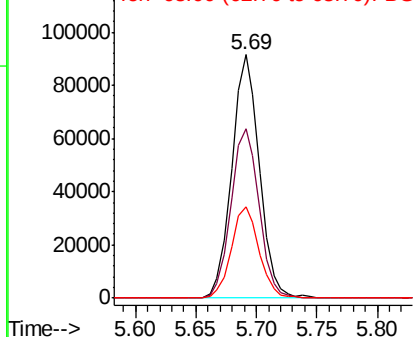


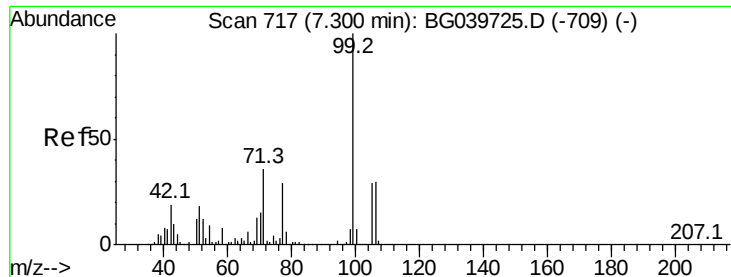
Abundance

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: 36.847 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039984.D

Acq: 19 Mar 2019 00:32

Instrument :

BNA_G

ClientSampled :

TW-5

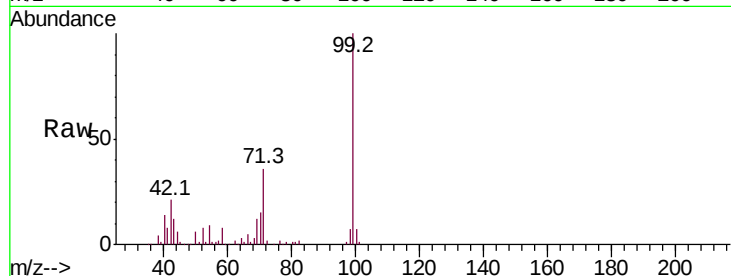
Tot Ion: 99 Resp: 133966

Ion Ratio Lower Upper

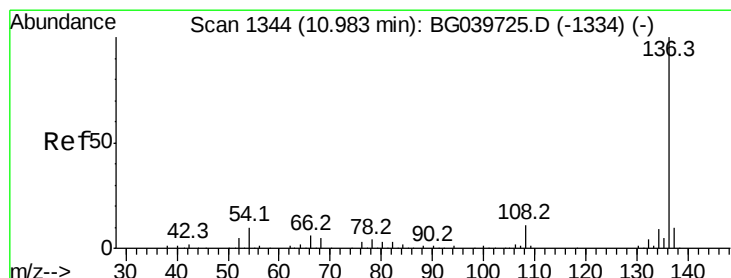
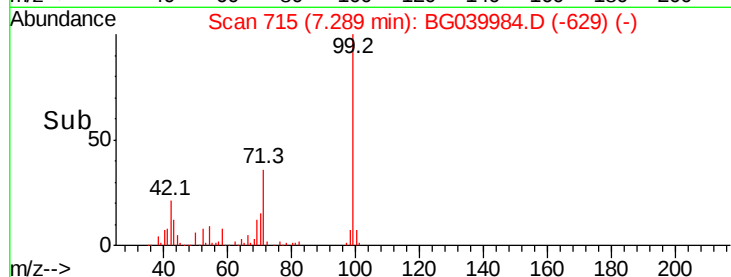
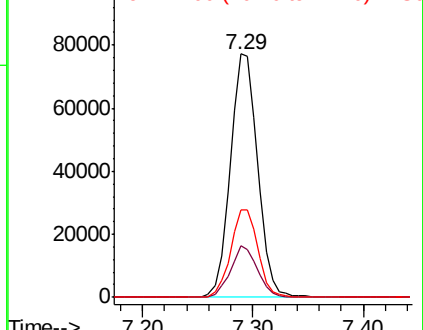
99 100

42 21.0 18.2 27.2

71 36.1 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: BG039984.D

Acq: 19 Mar 2019 00:32

Tgt Ion: 136 Resp: 171266

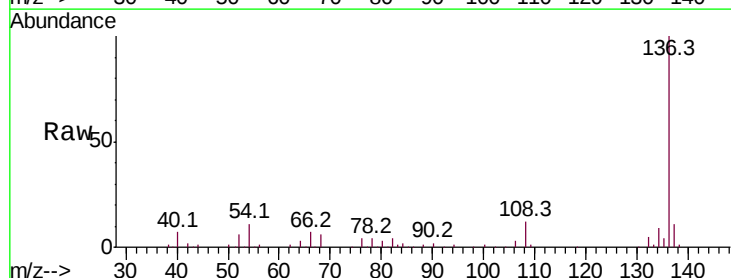
Ion Ratio Lower Upper

136 100

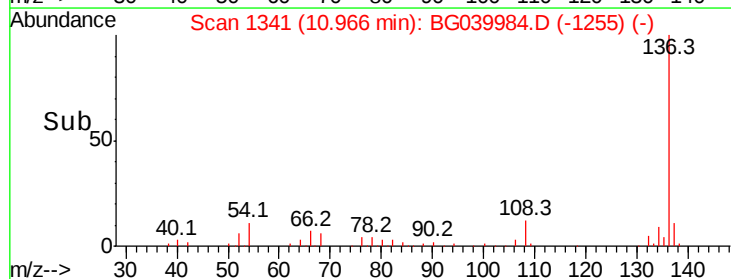
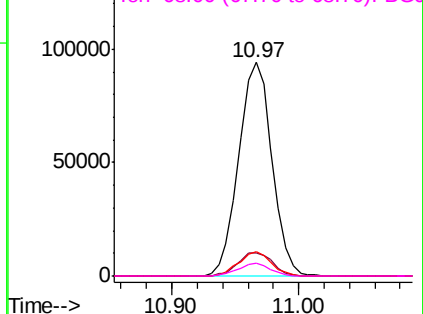
137 11.1 9.1 13.7

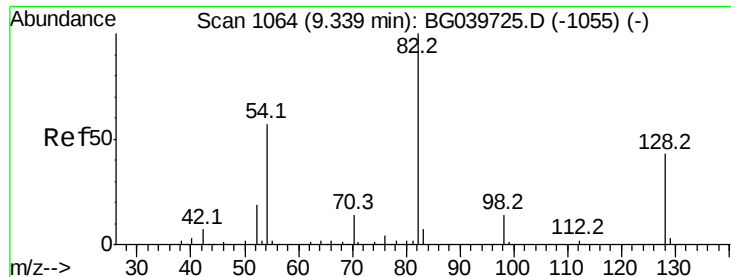
54 11.2 9.4 14.2

68 6.2 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

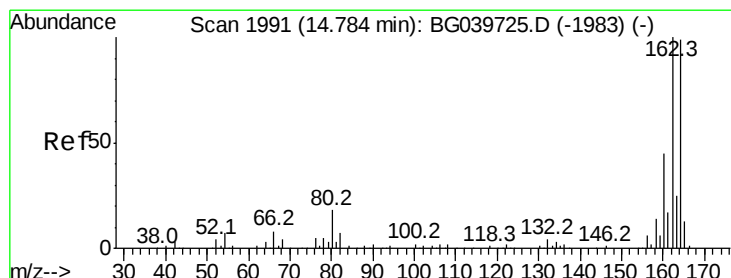
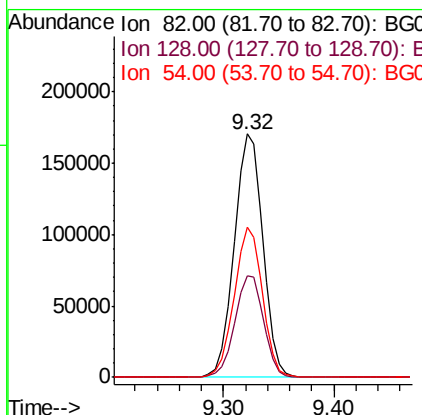
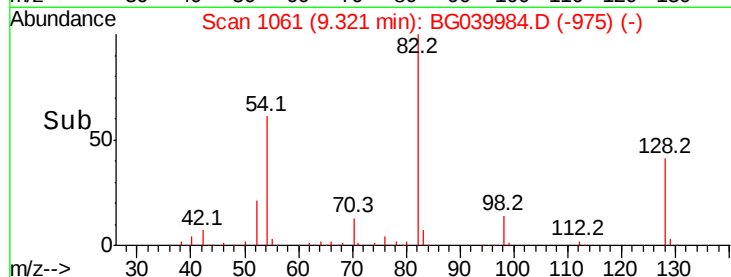
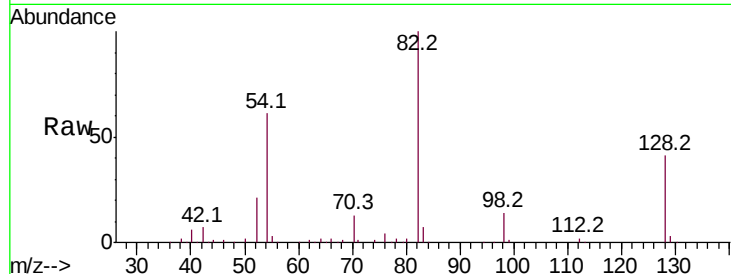




#23
 Nitrobenzene-d5
 Concen: 98.149 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039984.D
 Acq: 19 Mar 2019 00:32

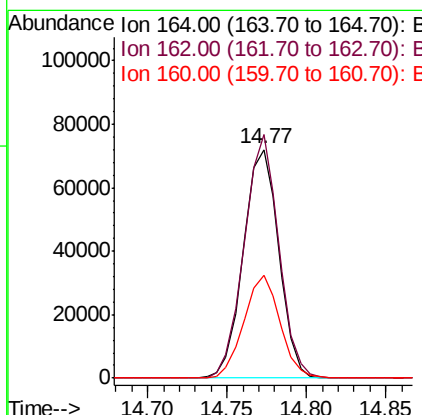
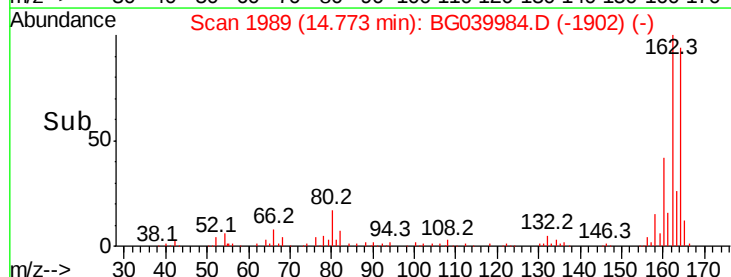
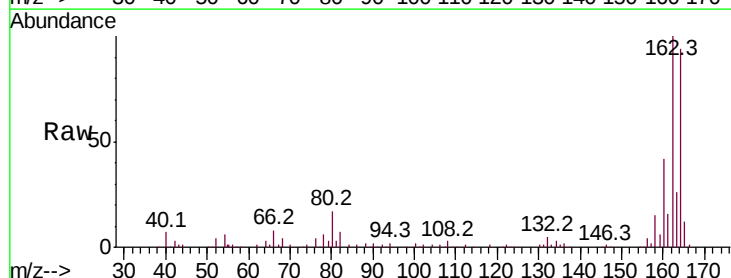
Instrument :
 BNA_G
 ClientSampled :
 TW-5

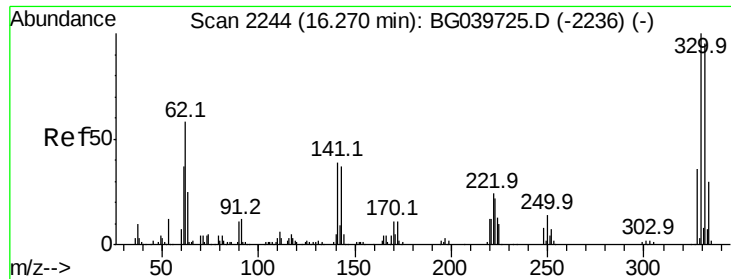
Tot Ion: 82 Resp: 310806
 Ion Ratio Lower Upper
 82 100
 128 41.5 31.3 46.9
 54 61.5 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG039984.D
 Acq: 19 Mar 2019 00:32

Tgt Ion: 164 Resp: 111960
 Ion Ratio Lower Upper
 164 100
 162 106.6 81.6 122.4
 160 45.2 34.2 51.2

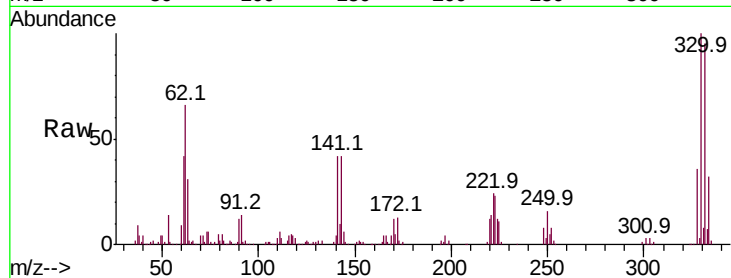




#42
 2,4,6-Tribromophenol
 Concen: 140.859 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039984.D
 Acq: 19 Mar 2019 00:32

Instrument :
 BNA_G
 ClientSampled :
 TW-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.7	113.5
141	43.6	35.6	53.4

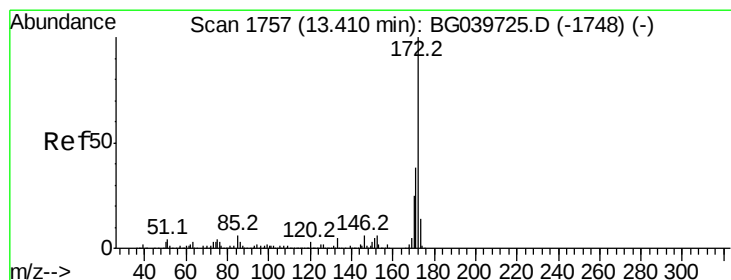
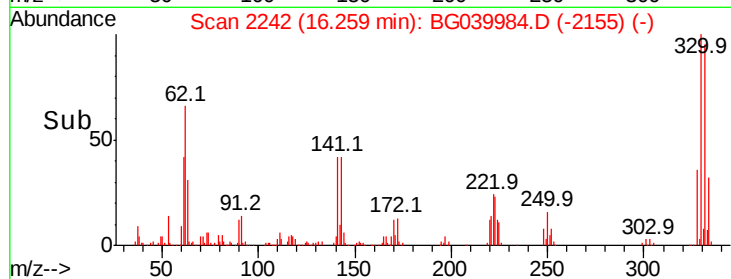
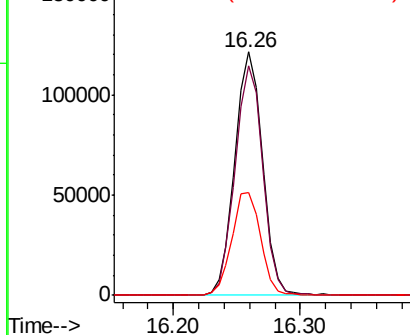


Abundance

Ion 329.80 (329.50 to 330.50): E

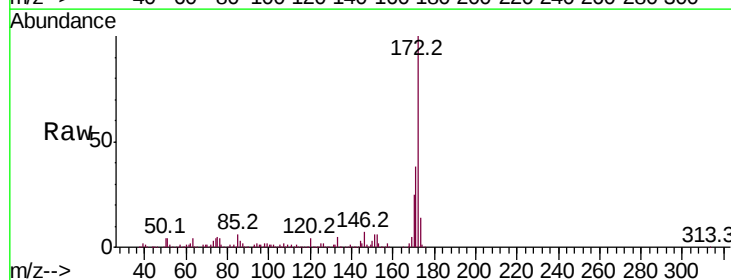
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.846 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039984.D
 Acq: 19 Mar 2019 00:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	25.4	20.2	30.4

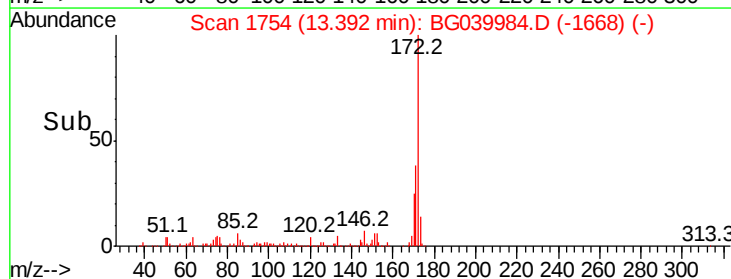
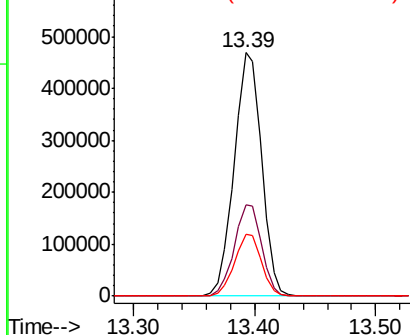


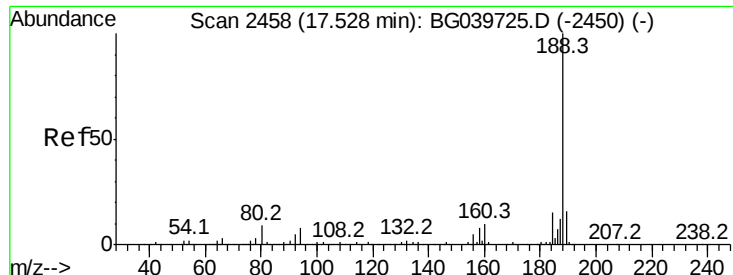
Abundance

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

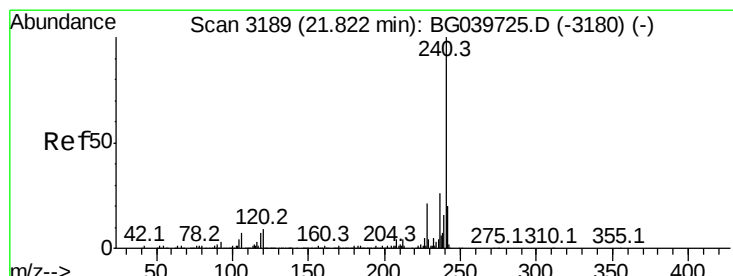
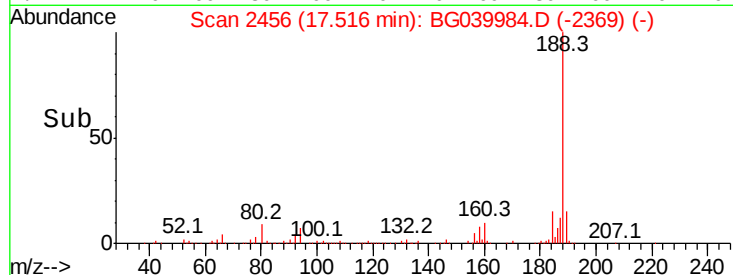
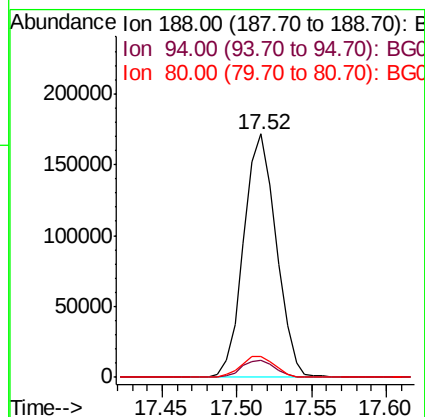
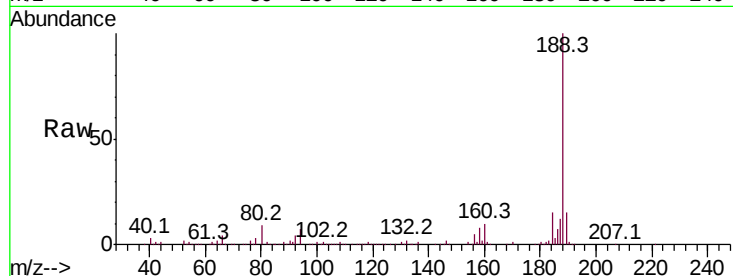




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039984.D
Acq: 19 Mar 2019 00:32

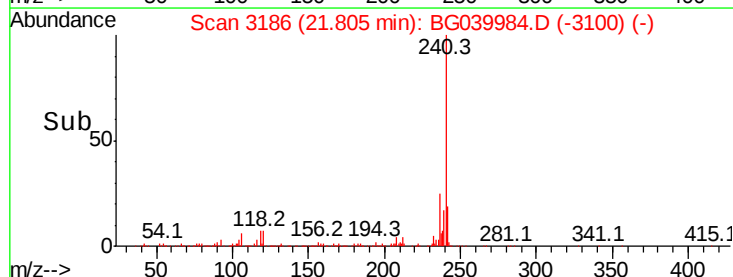
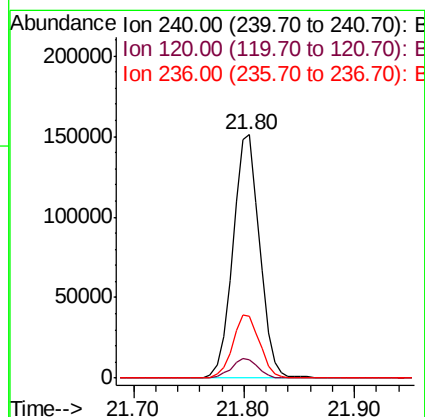
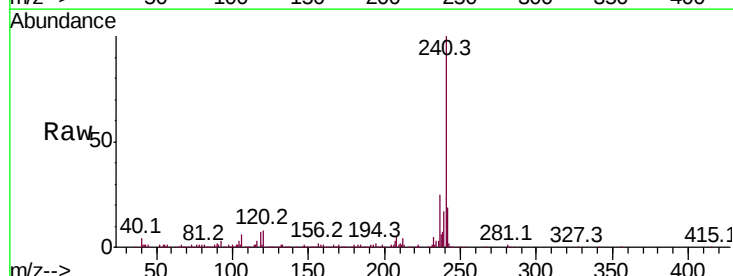
Instrument :
BNA_G
ClientSampleId :
TW-5

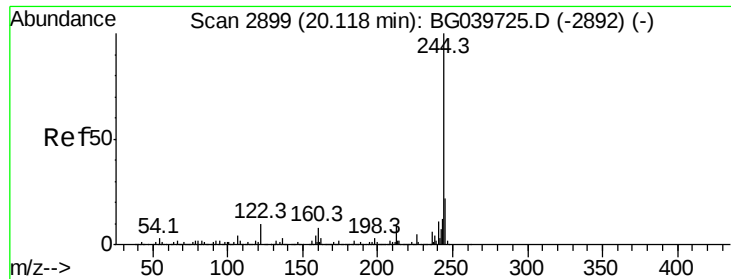
Tot Ion:188 Resp: 259363
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 8.6 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039984.D
Acq: 19 Mar 2019 00:32

Tgt Ion:240 Resp: 256676
Ion Ratio Lower Upper
240 100
120 7.5 7.0 10.6
236 25.4 21.0 31.4





#79

Terphenyl-d14

Concen: 90.982 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039984.D

Acq: 19 Mar 2019 00:32

Instrument :

BNA_G

ClientSampled :

TW-5

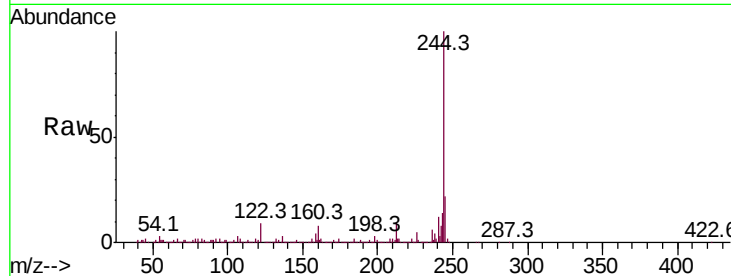
Tot Ion:244 Resp: 1060625

Ion Ratio Lower Upper

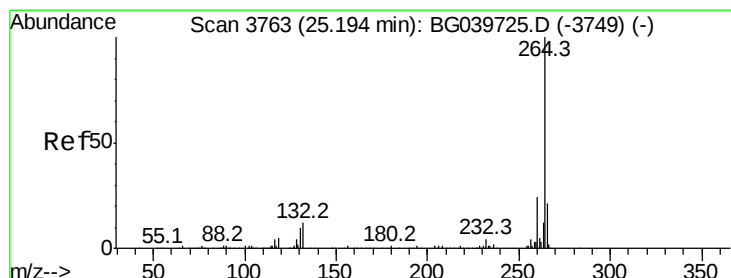
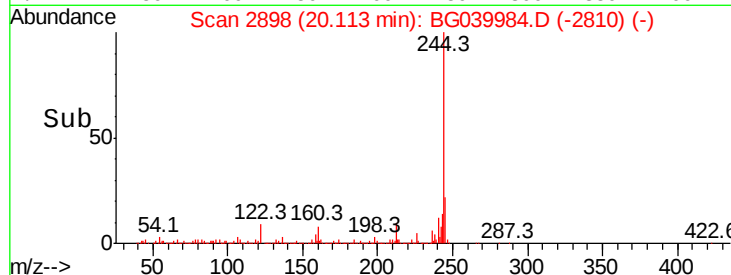
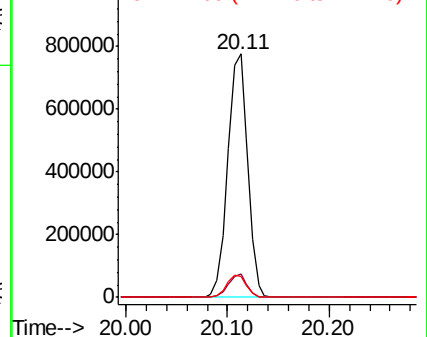
244 100

212 9.5 7.3 10.9

122 8.7 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: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG039984.D

Acq: 19 Mar 2019 00:32

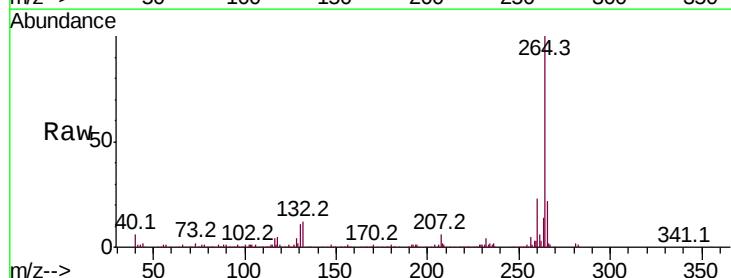
Tgt Ion:264 Resp: 261715

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 22.0 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

