

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039985.D
 Acq On : 19 Mar 2019 1:11
 Operator : JU/SJ
 Sample : K1938-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-1

Quant Time: Mar 19 08:29:06 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	8.14	152	43173	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	181356	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	125314	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	293055	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	287631	20.00	ng	-0.03
87) Perylene-d12	25.16	264	285488	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	196582	77.68	ng	-0.02
7) Phenol-d6	7.29	99	221067	58.59	ng	-0.02
23) Nitrobenzene-d5	9.33	82	329728	98.33	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	211197	144.59	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	810693	92.11	ng	-0.02
79) Terphenyl-d14	20.11	244	1190096	91.10	ng	-0.01

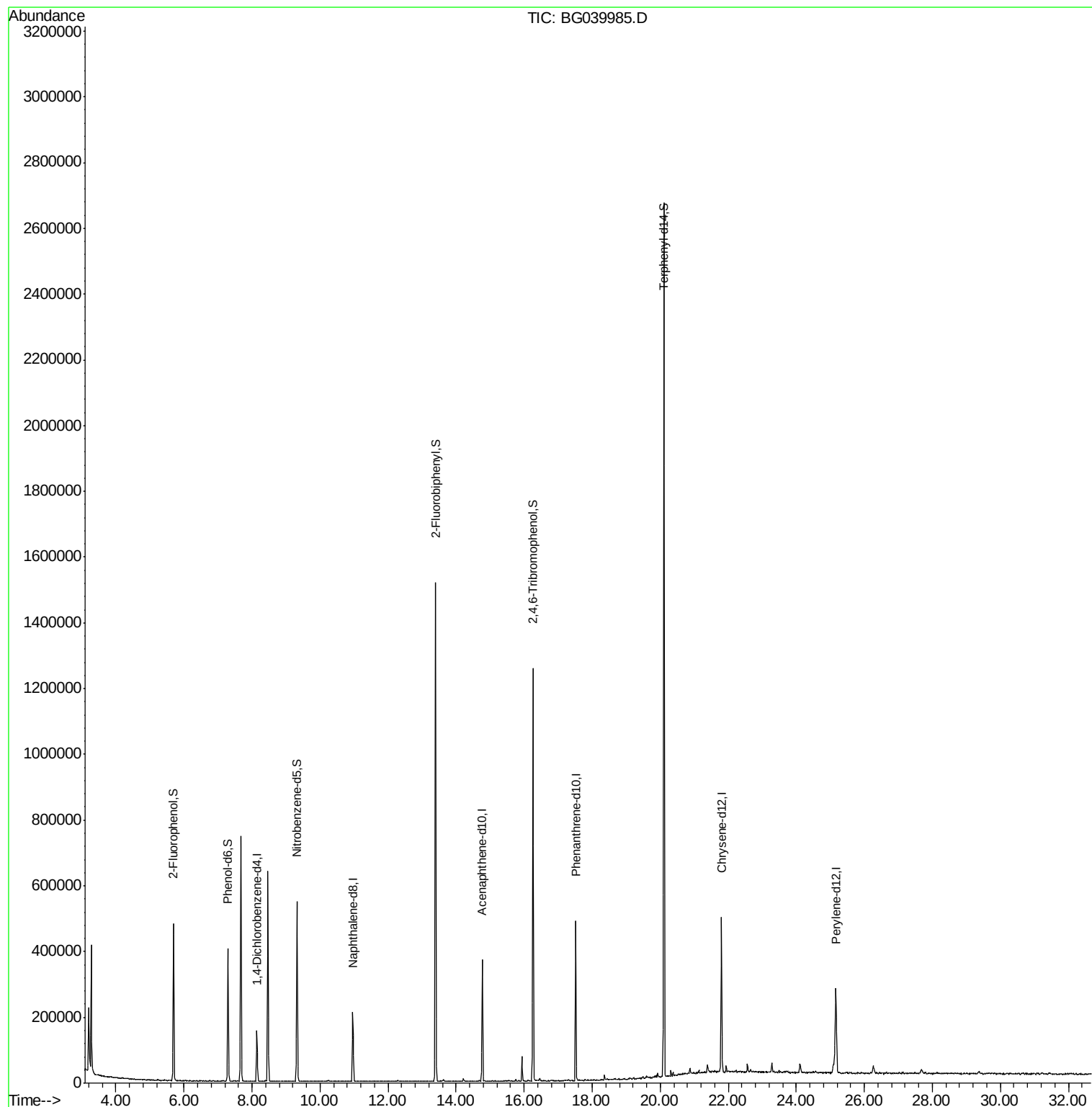
Target Compounds Qvalue

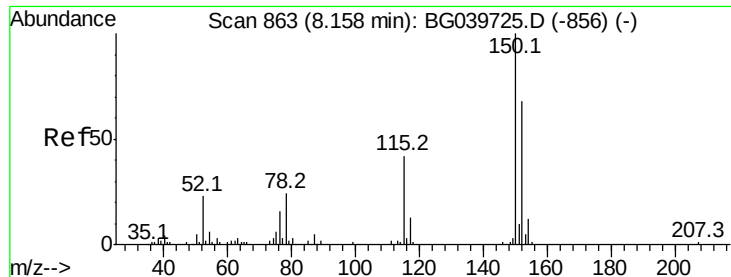
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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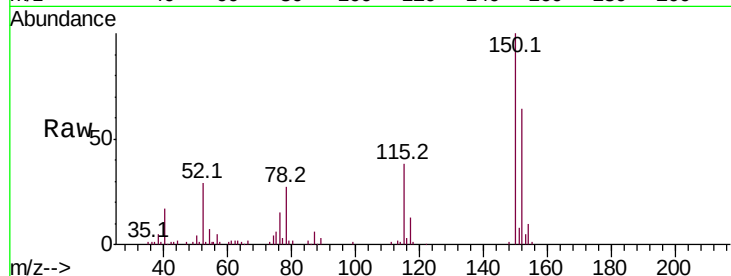


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 861
Delta R.T. -0.03 min
Lab File: BG039985.D
Acq: 19 Mar 2019 1:11

Instrument :
BNA_G
ClientSampleId :
W-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.7	185.5
115	59.5	45.9	68.9

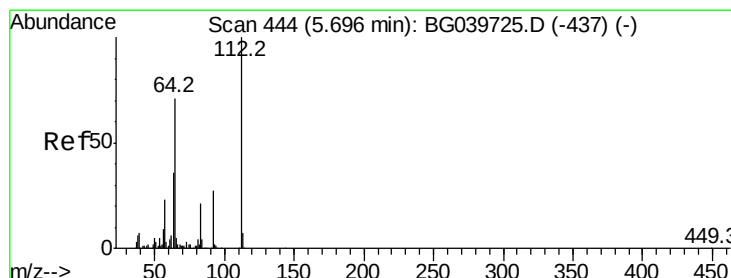
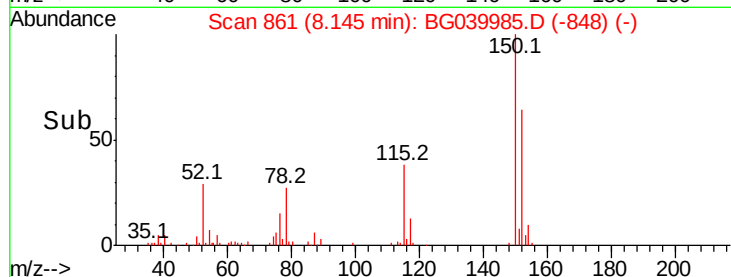
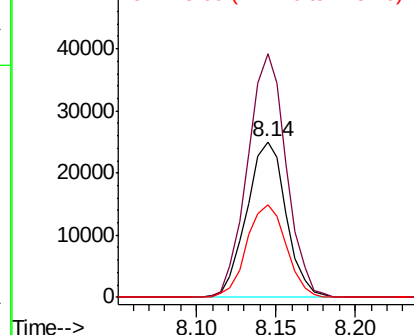


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

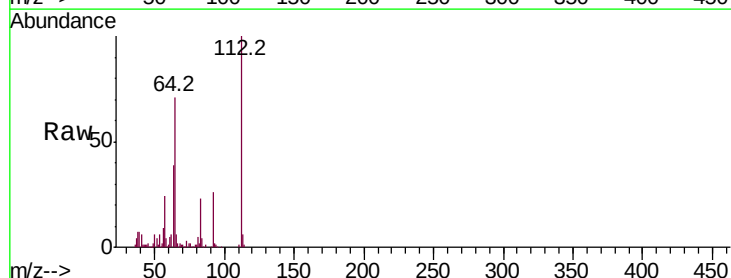
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.681 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039985.D
Acq: 19 Mar 2019 1:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	57.8	86.8
63	39.0	29.8	44.6

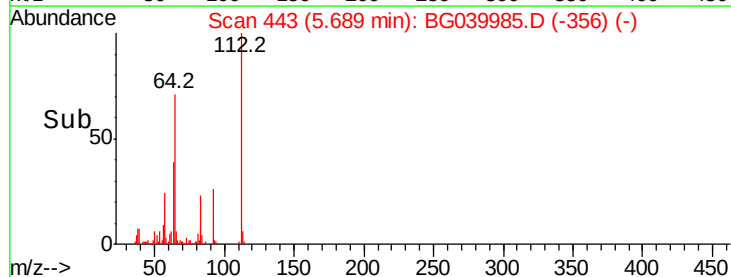
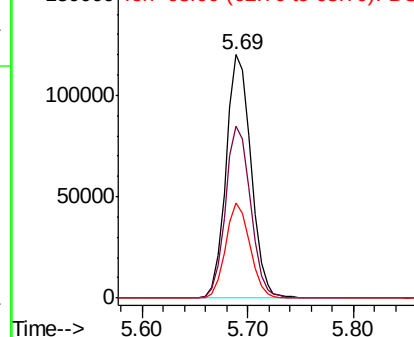


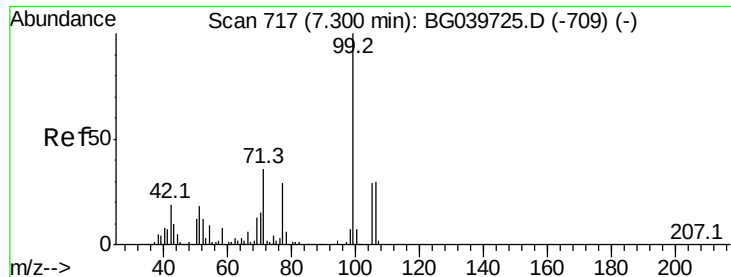
Abundance

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: 58.587 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039985.D

Acq: 19 Mar 2019 1:11

Instrument :

BNA_G

ClientSampleId :

W-1

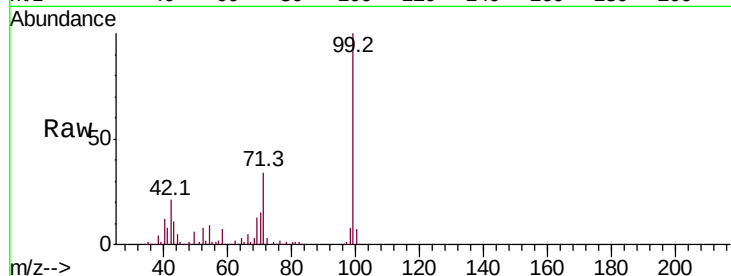
Tot Ion: 99 Resp: 221067

Ion Ratio Lower Upper

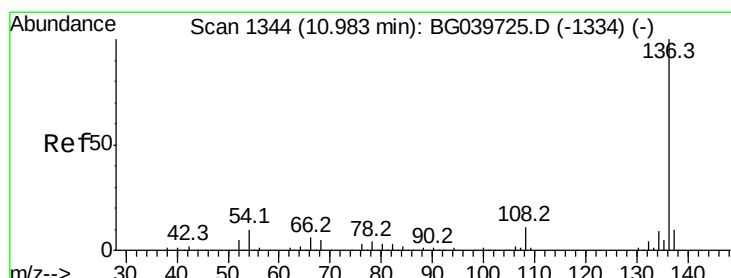
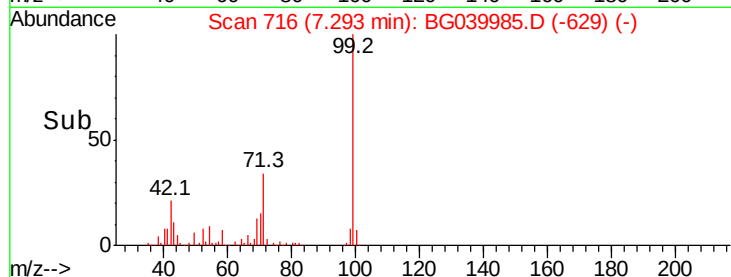
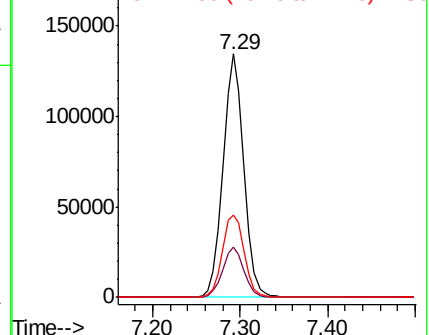
99 100

42 20.7 18.2 27.2

71 34.0 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: 10.96 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BG039985.D

Acq: 19 Mar 2019 1:11

Tgt Ion: 136 Resp: 181356

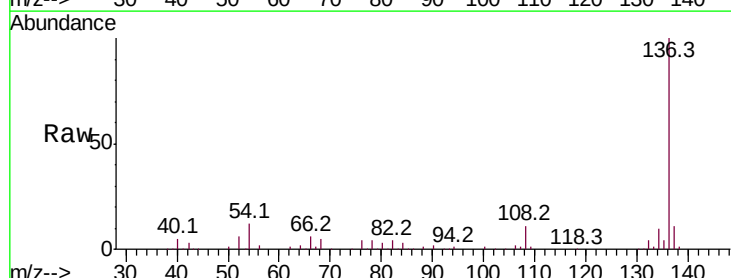
Ion Ratio Lower Upper

136 100

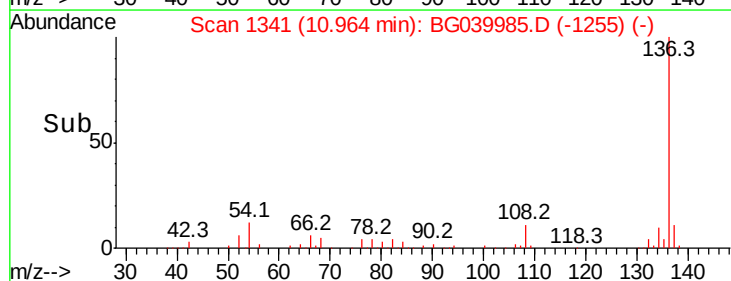
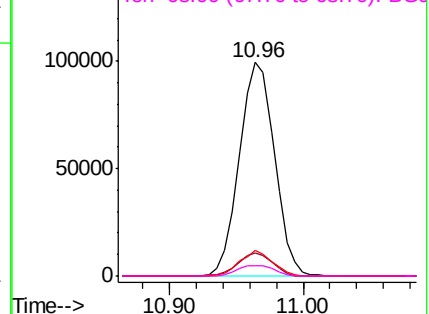
137 10.7 9.1 13.7

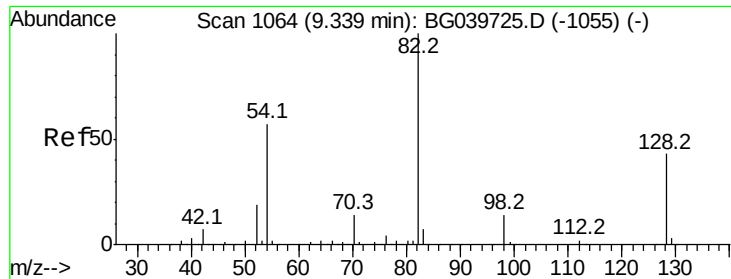
54 11.7 9.4 14.2

68 5.1 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

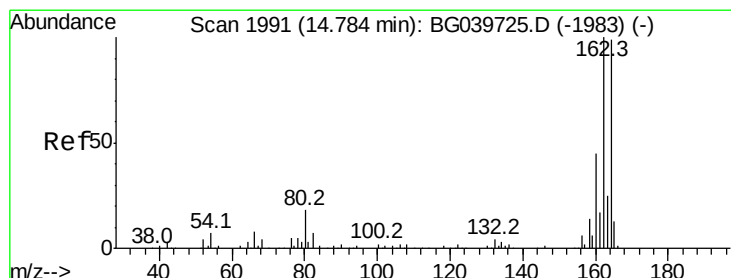
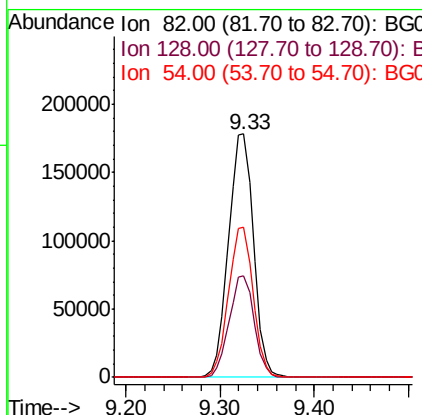
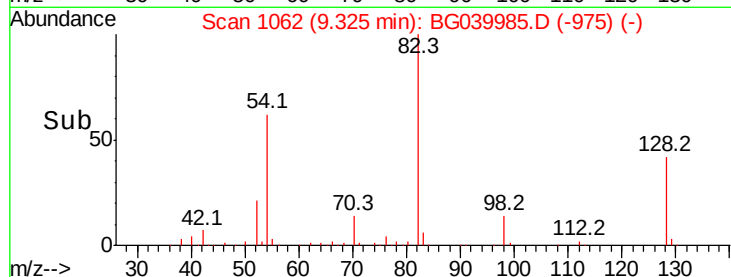
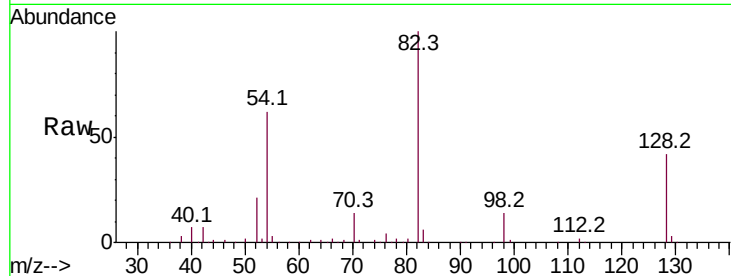




#23
Nitrobenzene-d5
Concen: 98.332 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039985.D
Acq: 19 Mar 2019 1:11

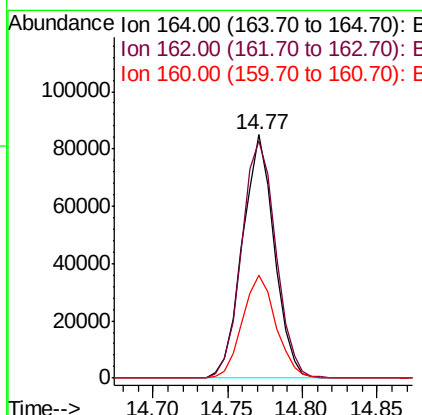
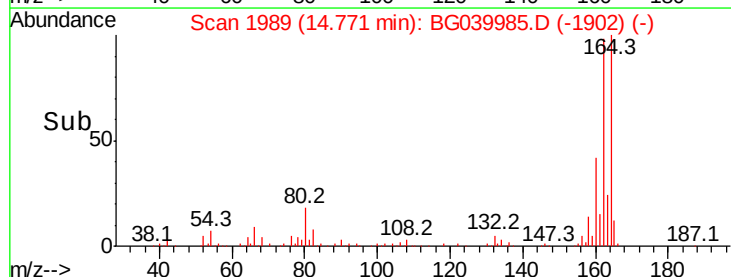
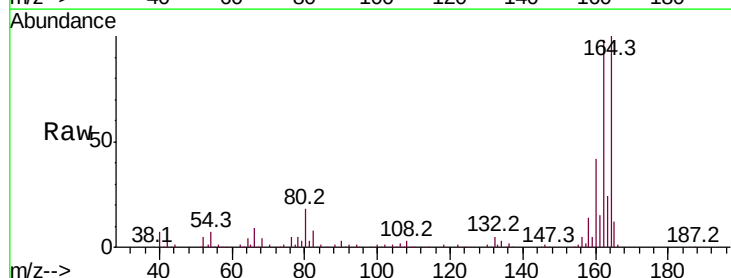
Instrument :
BNA_G
ClientSampleId :
W-1

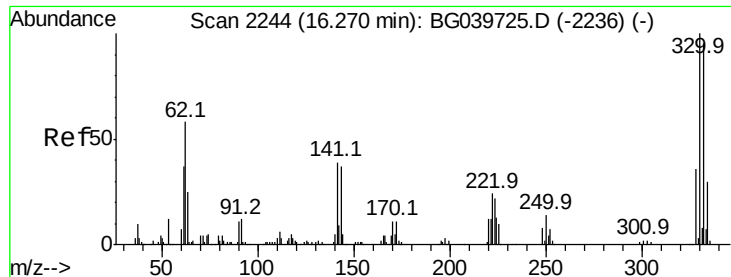
Tot Ion: 82 Resp: 329728
Ion Ratio Lower Upper
82 100
128 41.9 31.3 46.9
54 61.5 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039985.D
Acq: 19 Mar 2019 1:11

Tgt Ion:164 Resp: 125314
Ion Ratio Lower Upper
164 100
162 97.5 81.6 122.4
160 42.4 34.2 51.2

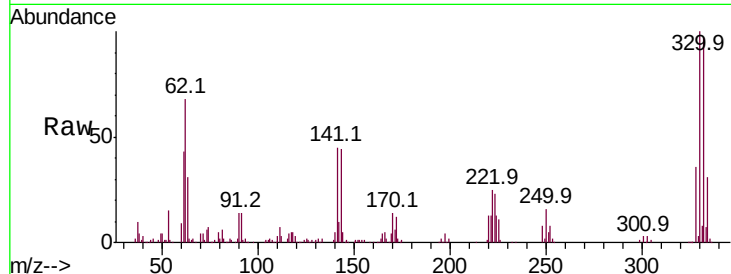




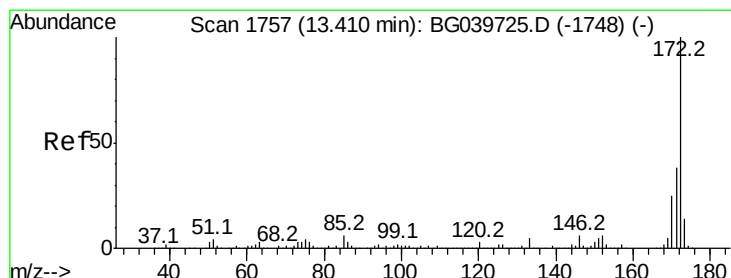
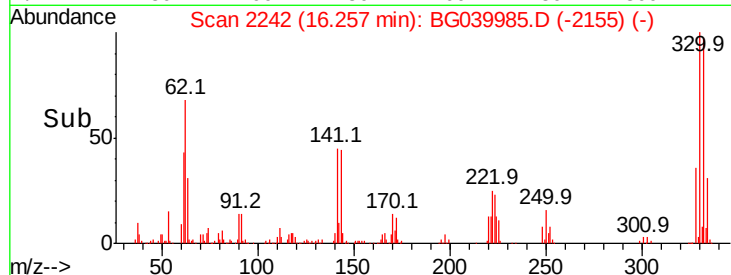
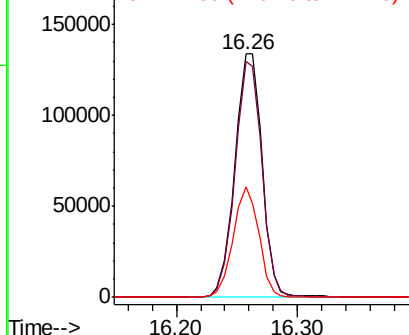
#42
 2,4,6-Tribromophenol
 Concen: 144.593 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039985.D
 Acq: 19 Mar 2019 1:11

Instrument :
 BNA_G
 ClientSampleId :
 W-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.7	113.5
141	43.0	35.6	53.4

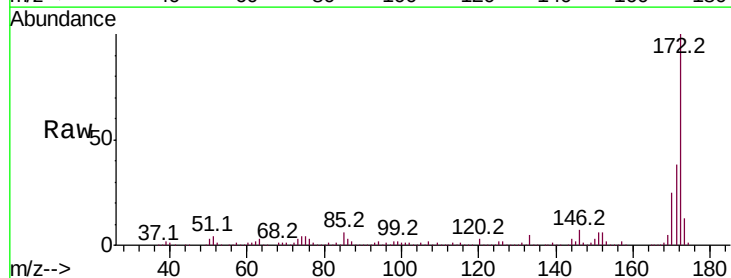


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

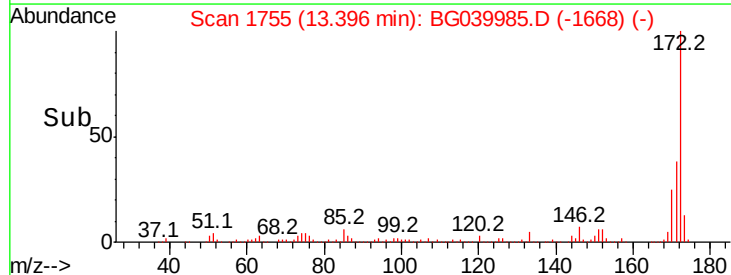
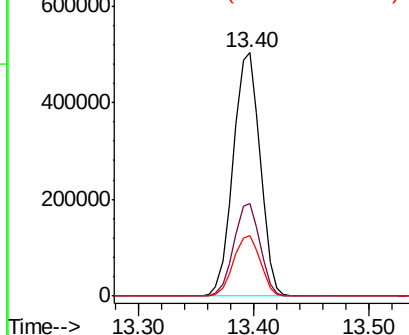


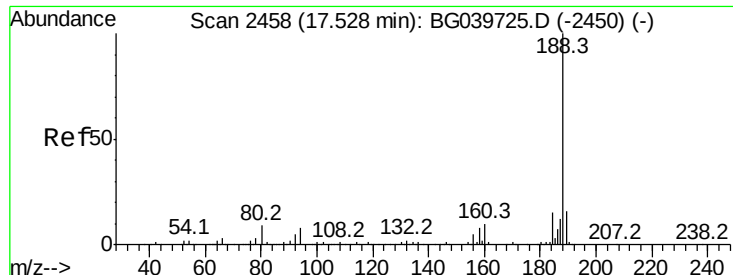
#45
 2-Fluorobiphenyl
 Concen: 92.112 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039985.D
 Acq: 19 Mar 2019 1:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	25.1	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: 17.51 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG039985.D

Acq: 19 Mar 2019 1:11

Instrument :

BNA_G

ClientSampleId :

W-1

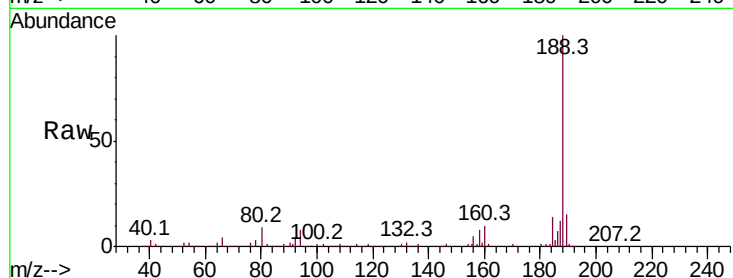
Tot Ion:188 Resp: 293055

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

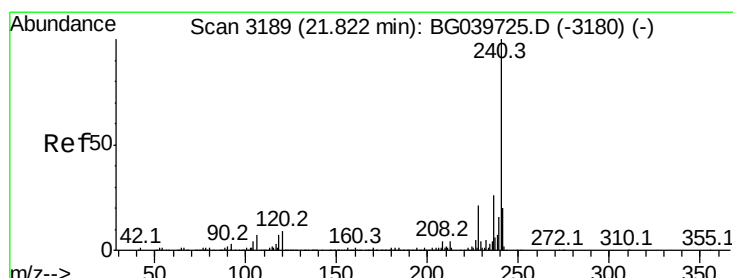
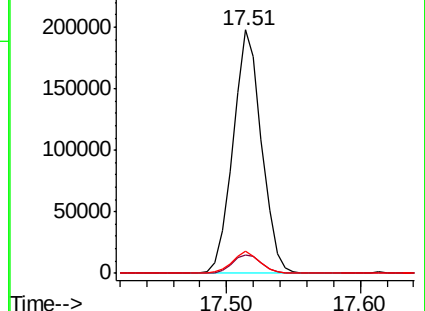
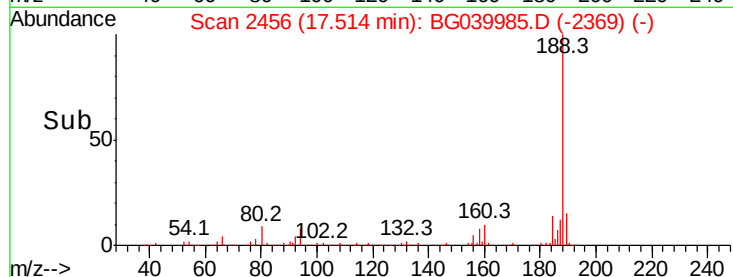
80 9.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.03 min

Lab File: BG039985.D

Acq: 19 Mar 2019 1:11

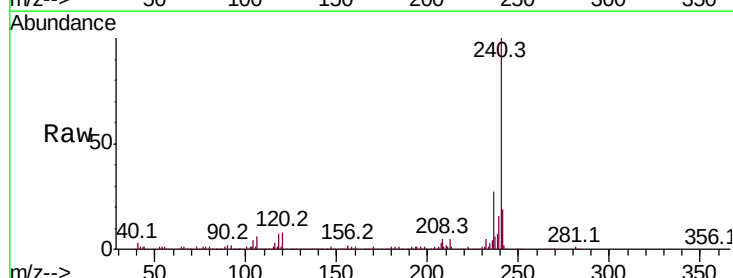
Tgt Ion:240 Resp: 287631

Ion Ratio Lower Upper

240 100

120 7.9 7.0 10.6

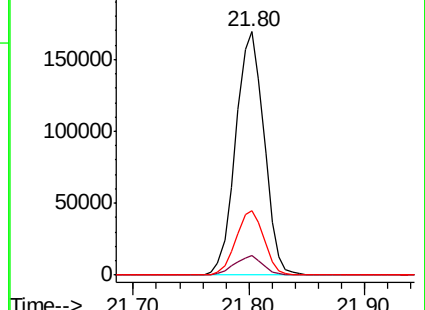
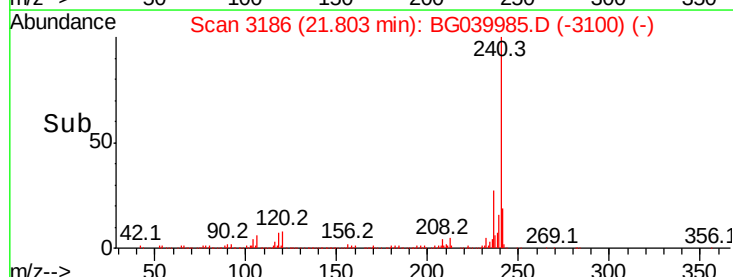
236 26.6 21.0 31.4

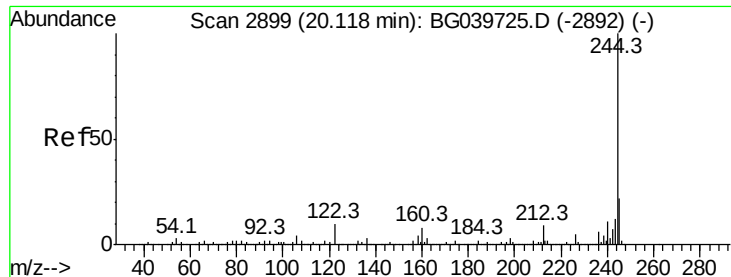


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.101 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039985.D

Acq: 19 Mar 2019 1:11

Instrument :

BNA_G

ClientSampled :

W-1

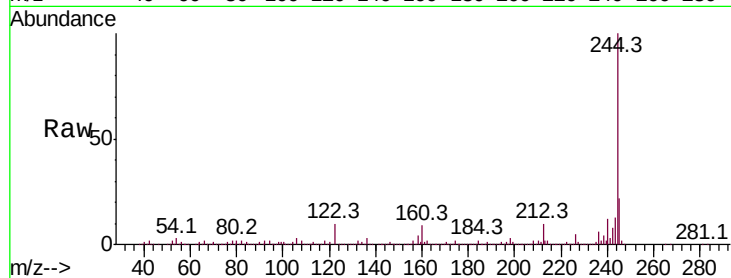
Tot Ion:244 Resp: 1190096

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

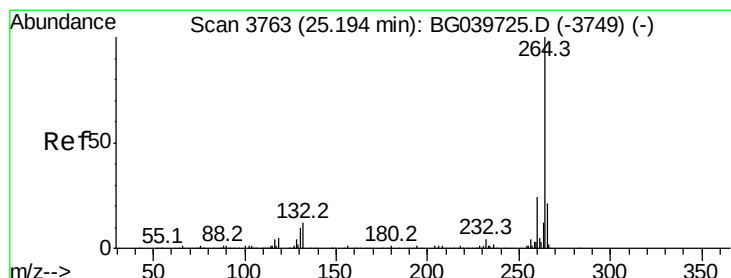
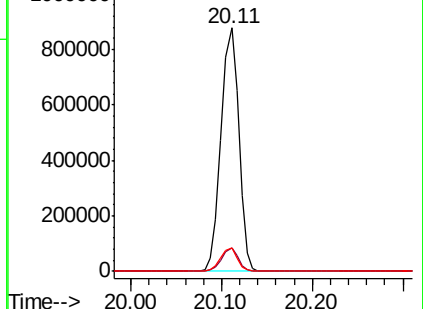
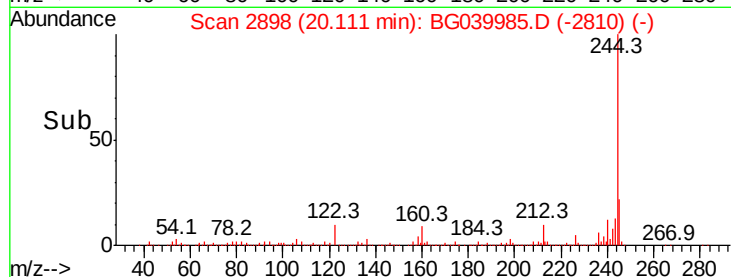
122 9.6 8.4 12.6



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: BG039985.D

Acq: 19 Mar 2019 1:11

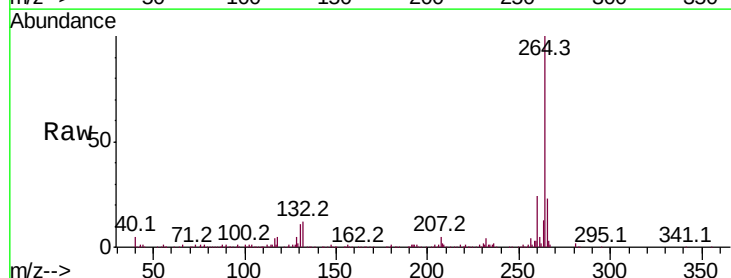
Tgt Ion:264 Resp: 285488

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 23.2 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

