

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039995.D
 Acq On : 19 Mar 2019 7:45
 Operator : JU/SJ
 Sample : K1687-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-031519-A

Quant Time: Mar 19 08:46:51 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	45474	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	182671	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	111284	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	265951	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	295602	20.00	ng	-0.03
87) Perylene-d12	25.16	264	288505	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	241771	90.70	ng	-0.02
7) Phenol-d6	7.30	99	308687	77.67	ng	-0.02
23) Nitrobenzene-d5	9.32	82	235480	69.72	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	116782	90.03	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	526810	67.40	ng	-0.02
79) Terphenyl-d14	20.11	244	884520	65.88	ng	-0.02

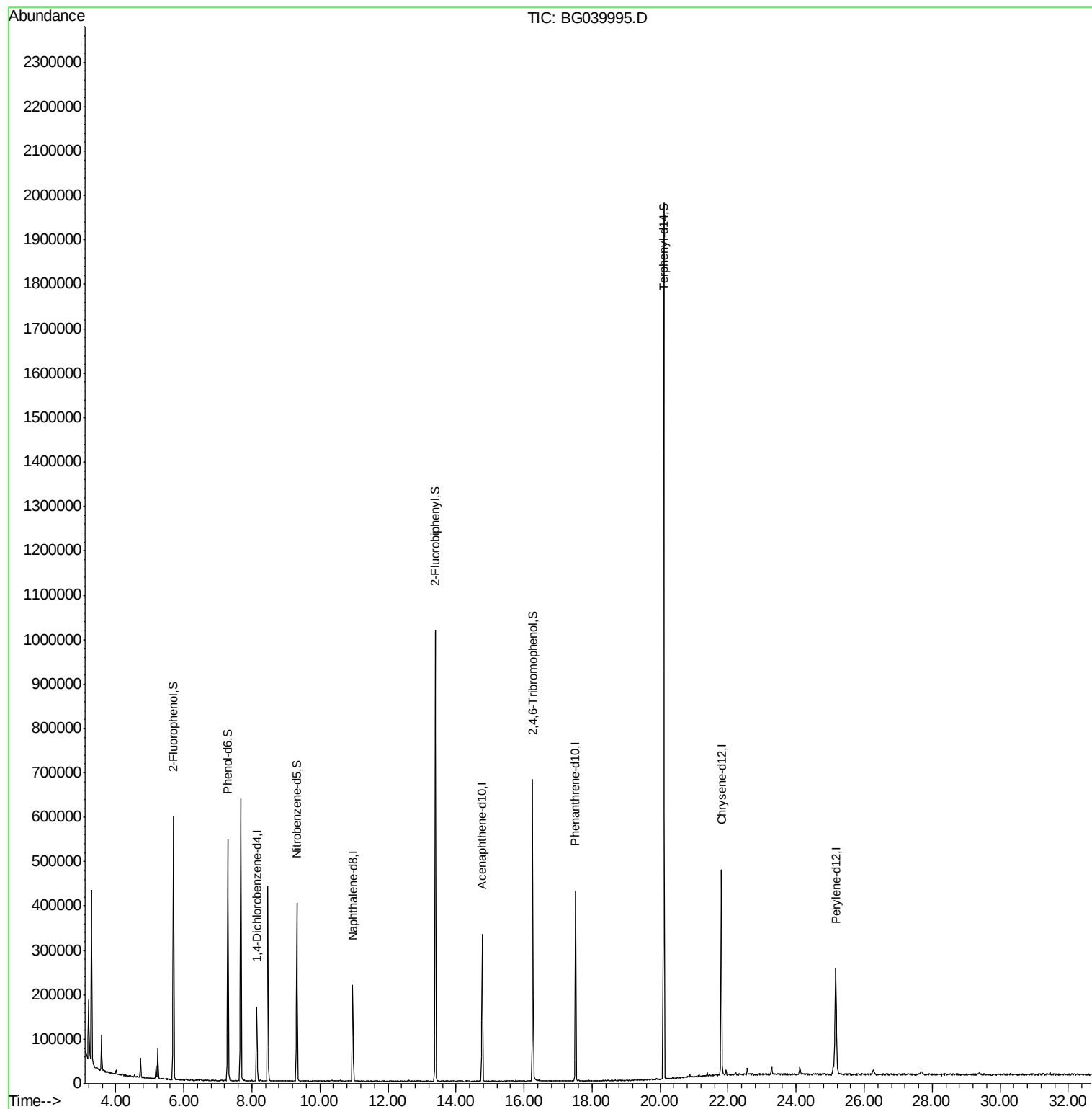
Target Compounds Qvalue

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

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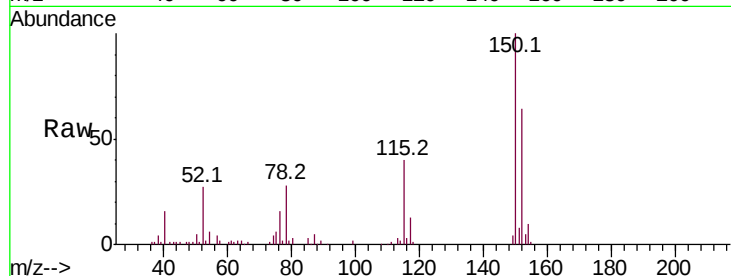


#1

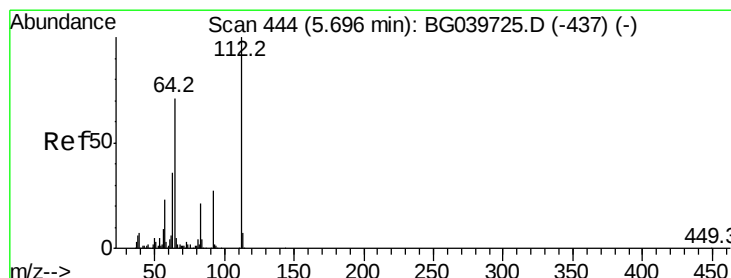
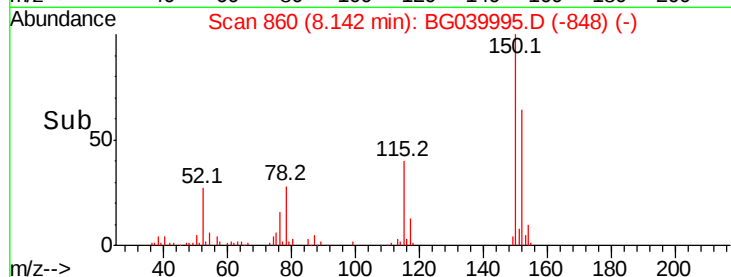
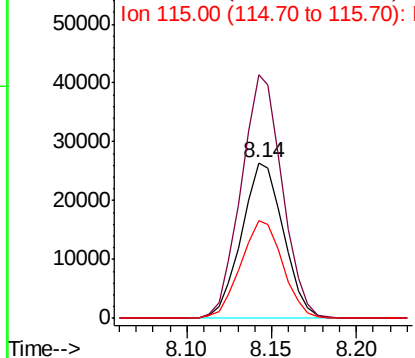
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG039995.D
Acq: 19 Mar 2019 7:45

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-A

Tot Ion:152 Resp: 45474
Ion Ratio Lower Upper
152 100
150 156.6 123.7 185.5
115 62.7 45.9 68.9



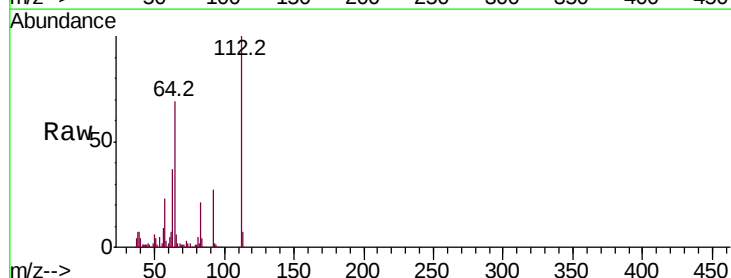
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



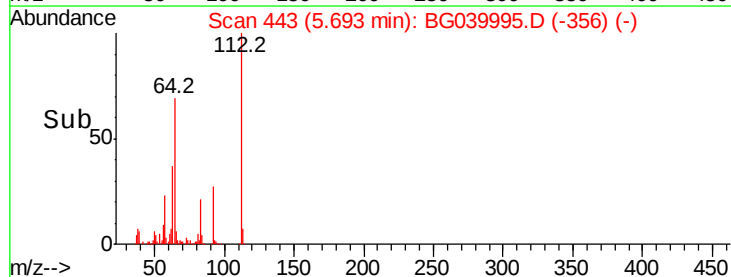
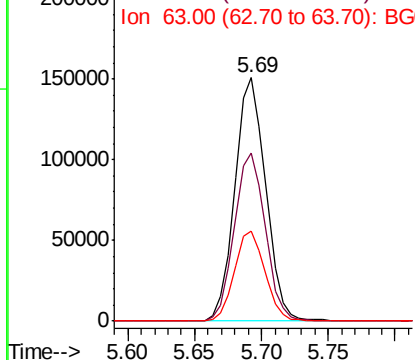
#5

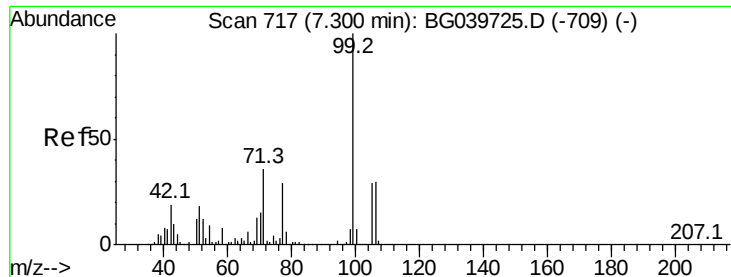
2-Fluorophenol
Concen: 90.703 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039995.D
Acq: 19 Mar 2019 7:45

Tgt Ion:112 Resp: 241771
Ion Ratio Lower Upper
112 100
64 69.1 57.8 86.8
63 37.2 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: 77.668 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039995.D

Acq: 19 Mar 2019 7:45

Instrument :

BNA_G

ClientSampleId :

HR-05-031519-A

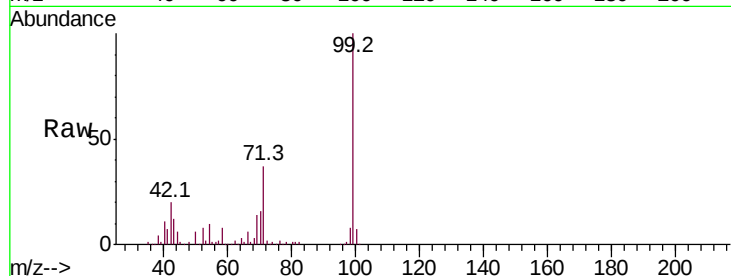
Tot Ion: 99 Resp: 308687

Ion Ratio Lower Upper

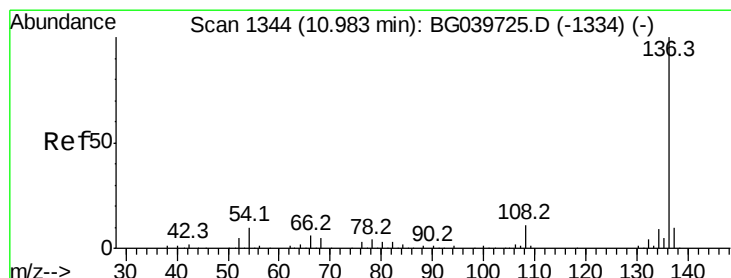
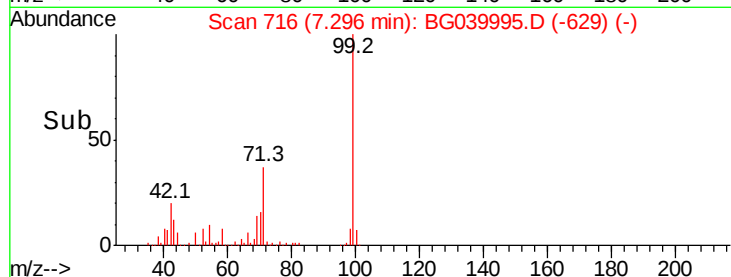
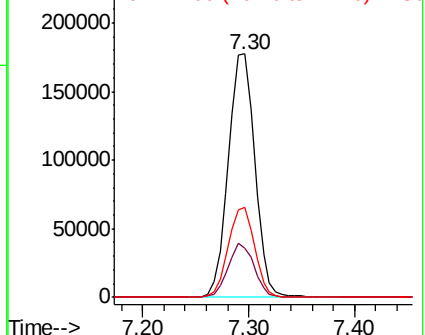
99 100

42 20.3 18.2 27.2

71 37.0 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# 1340

Delta R.T. -0.03 min

Lab File: BG039995.D

Acq: 19 Mar 2019 7:45

Tgt Ion: 136 Resp: 182671

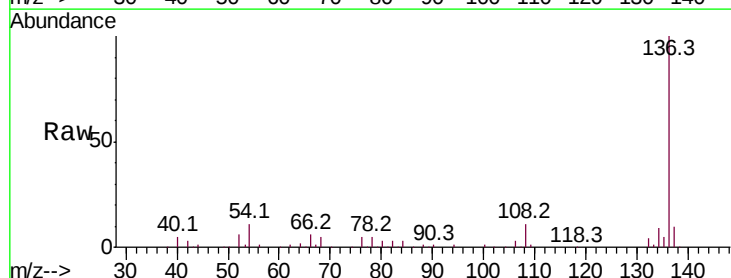
Ion Ratio Lower Upper

136 100

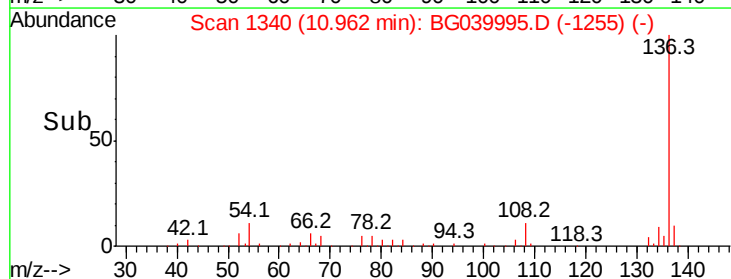
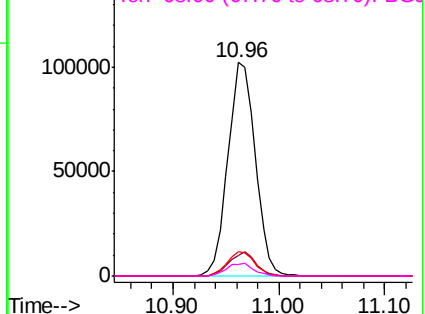
137 9.8 9.1 13.7

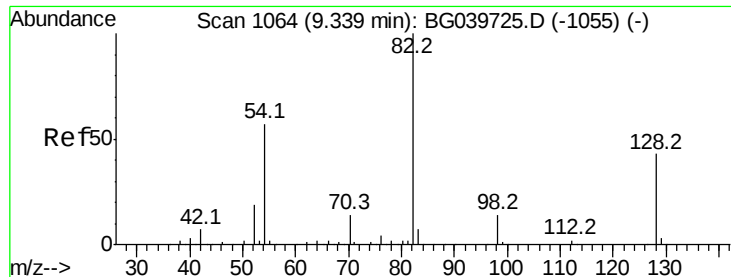
54 11.2 9.4 14.2

68 5.3 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: 69.719 ng

RT: 9.32 min Scan# 1061

Delta R.T. -0.02 min

Lab File: BG039995.D

Acq: 19 Mar 2019 7:45

Instrument :

BNA_G

ClientSampleId :

HR-05-031519-A

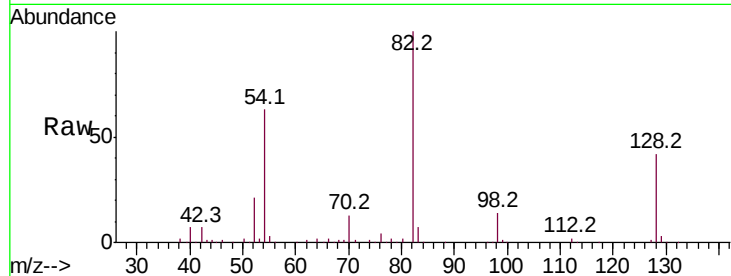
Tot Ion: 82 Resp: 235480

Ion Ratio Lower Upper

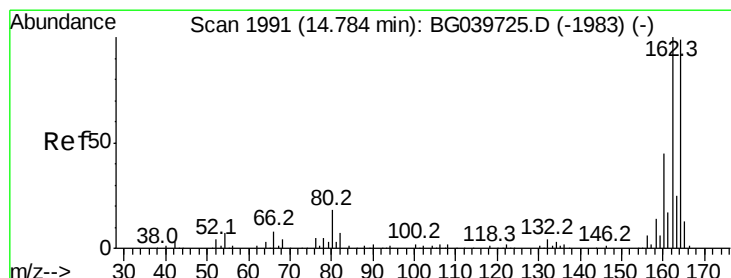
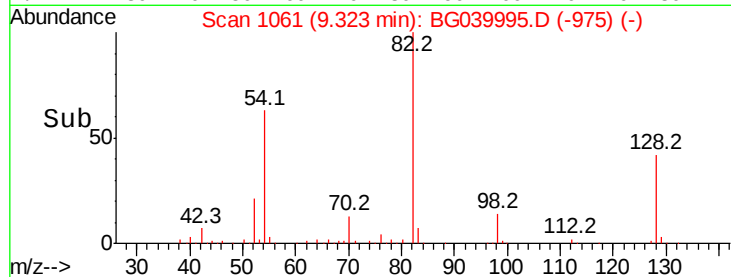
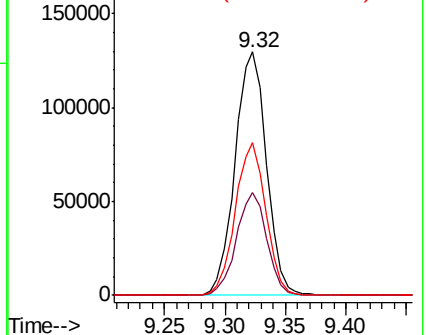
82 100

128 42.1 31.3 46.9

54 62.5 50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG039995.D

Acq: 19 Mar 2019 7:45

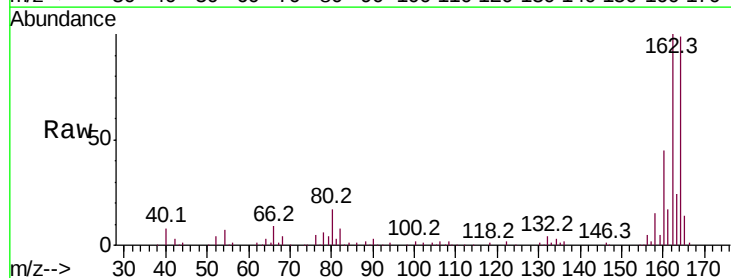
Tgt Ion: 164 Resp: 111284

Ion Ratio Lower Upper

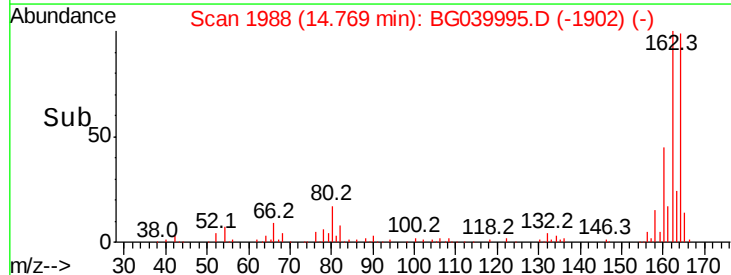
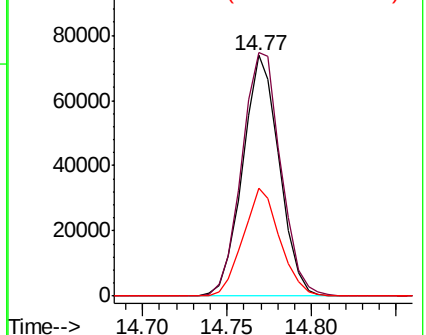
164 100

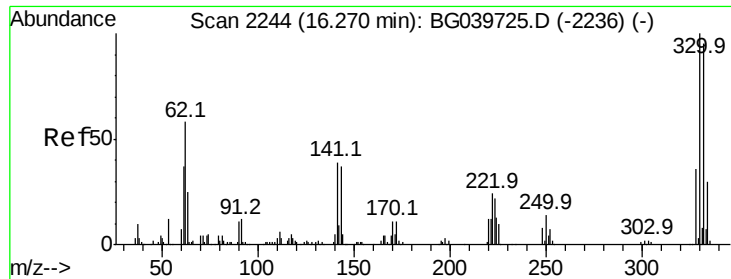
162 101.3 81.6 122.4

160 45.2 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

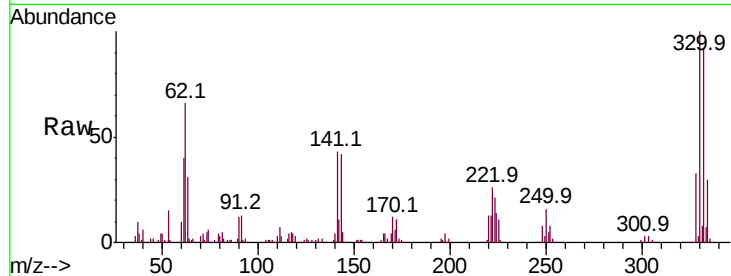




#42
 2,4,6-Tribromophenol
 Concen: 90.033 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG039995.D
 Acq: 19 Mar 2019 7:45

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-031519-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	75.7	113.5
141	42.6	35.6	53.4

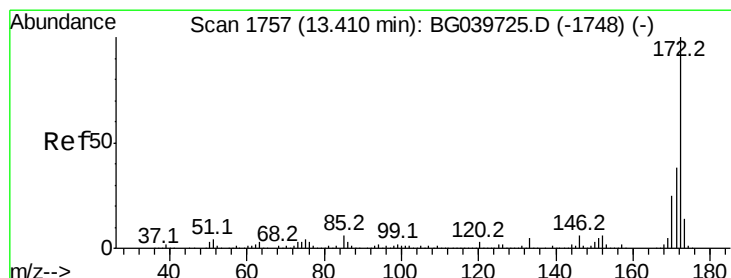
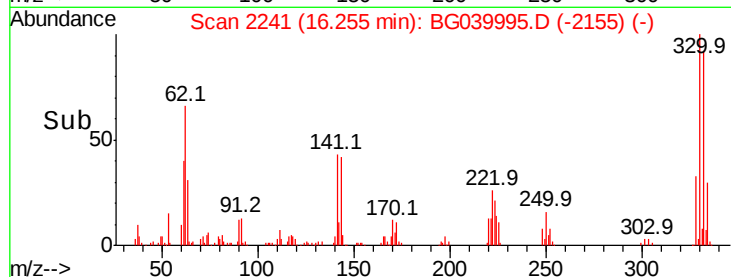
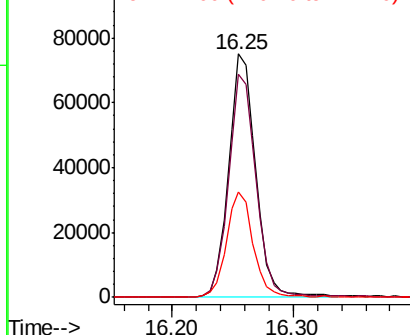


Abundance

Ion 329.80 (329.50 to 330.50): E

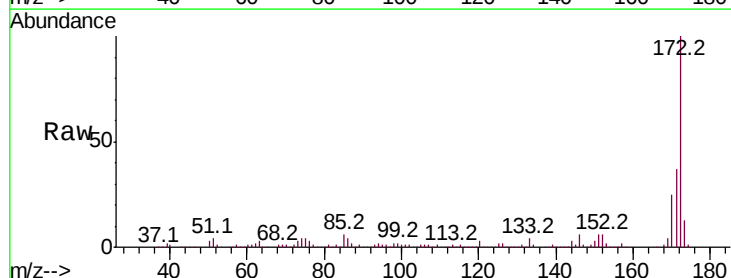
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 67.403 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039995.D
 Acq: 19 Mar 2019 7:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.8	46.2
170	24.9	20.2	30.4

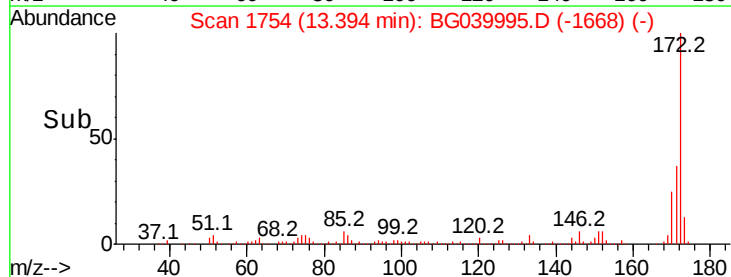
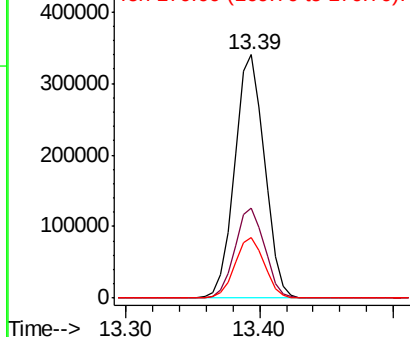


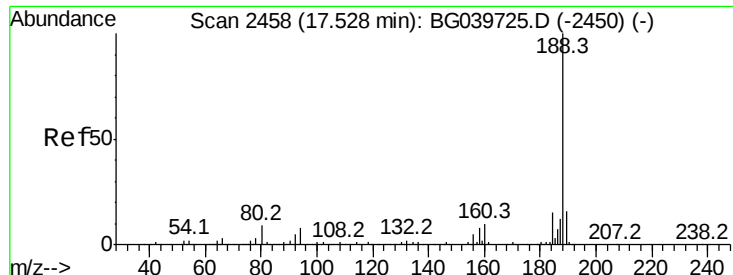
Abundance

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# 2455

Delta R.T. -0.02 min

Lab File: BG039995.D

Acq: 19 Mar 2019 7:45

Instrument :

BNA_G

ClientSampleId :

HR-05-031519-A

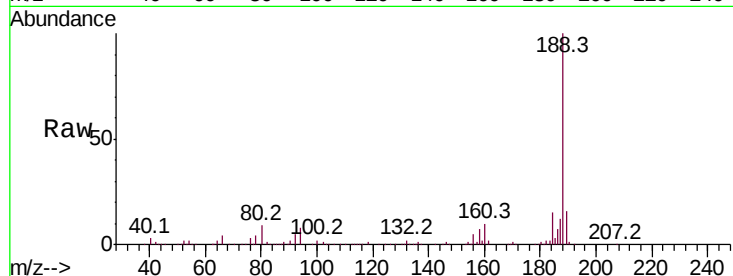
Tot Ion:188 Resp: 265951

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

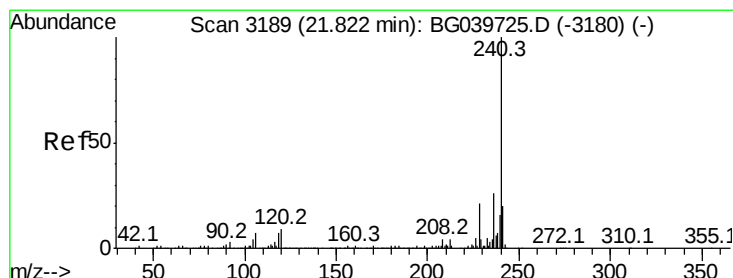
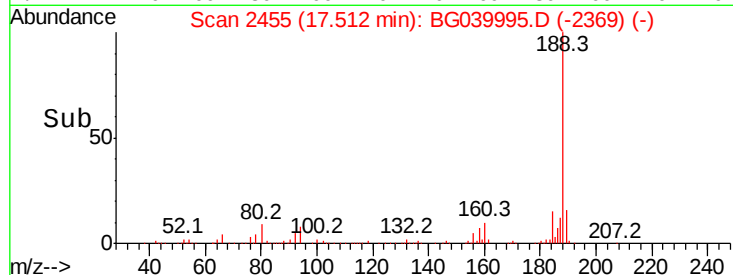
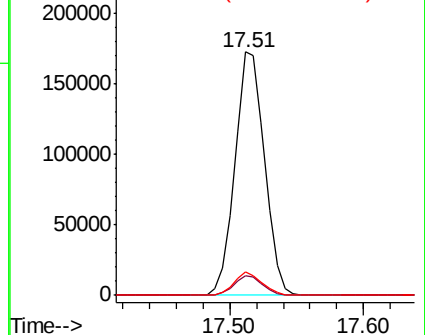
80 9.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG039995.D

Acq: 19 Mar 2019 7:45

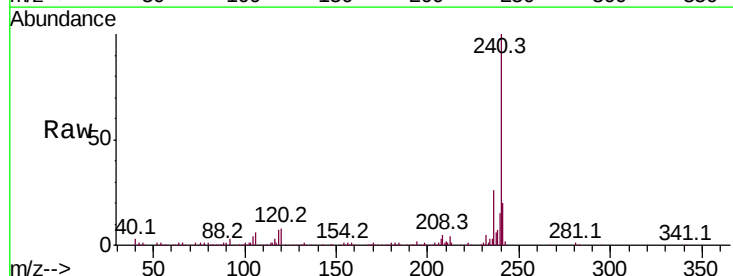
Tgt Ion:240 Resp: 295602

Ion Ratio Lower Upper

240 100

120 7.9 7.0 10.6

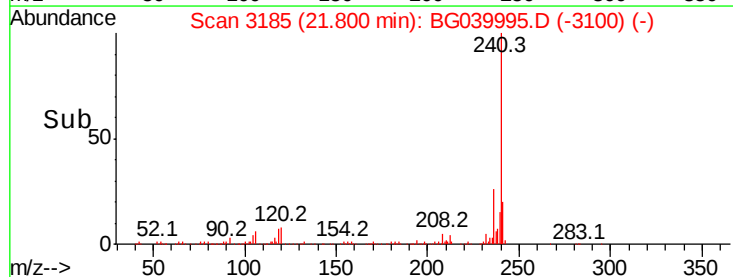
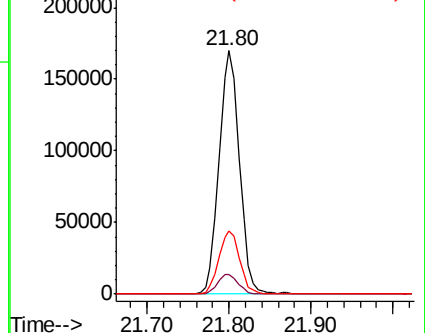
236 25.8 21.0 31.4

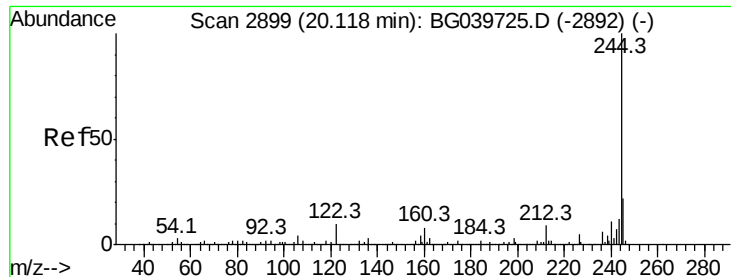


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.884 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039995.D

Acq: 19 Mar 2019 7:45

Instrument :

BNA_G

ClientSampleId :

HR-05-031519-A

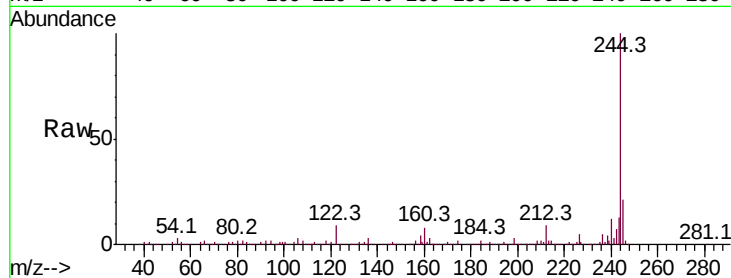
Tot Ion:244 Resp: 884520

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

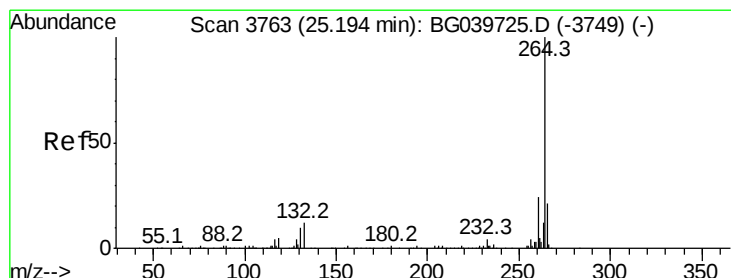
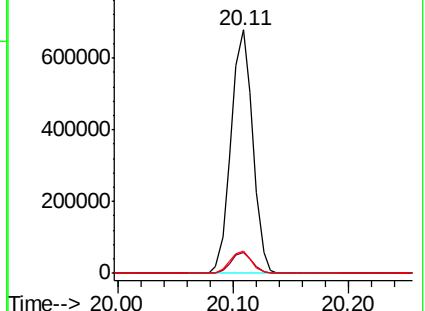
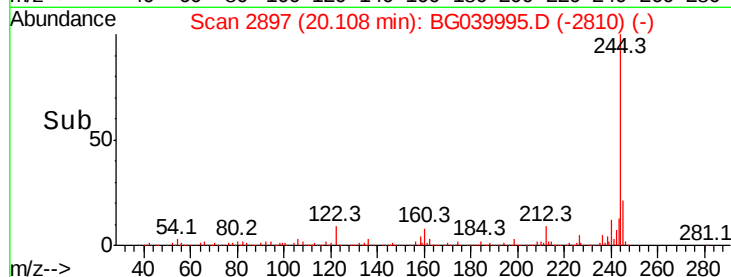
122 9.1 8.4 12.6



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# 3757

Delta R.T. -0.04 min

Lab File: BG039995.D

Acq: 19 Mar 2019 7:45

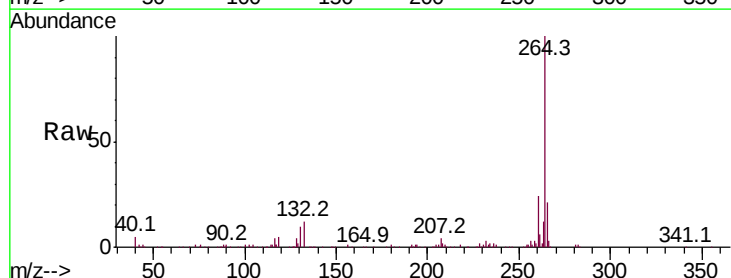
Tgt Ion:264 Resp: 288505

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 21.3 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

