

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039999.D
 Acq On : 19 Mar 2019 10:23
 Operator : JU/SJ
 Sample : K1687-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Mar 19 11:40:01 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	43162	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	170895	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	105312	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	243967	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	265511	20.00	ng	-0.03
87) Perylene-d12	25.16	264	251590	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	341731	135.07	ng	-0.01
7) Phenol-d6	7.29	99	433245	114.85	ng	-0.02
23) Nitrobenzene-d5	9.32	82	339105	107.32	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	158928	129.47	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	737812	99.75	ng	-0.02
79) Terphenyl-d14	20.11	244	1172168	97.20	ng	-0.01

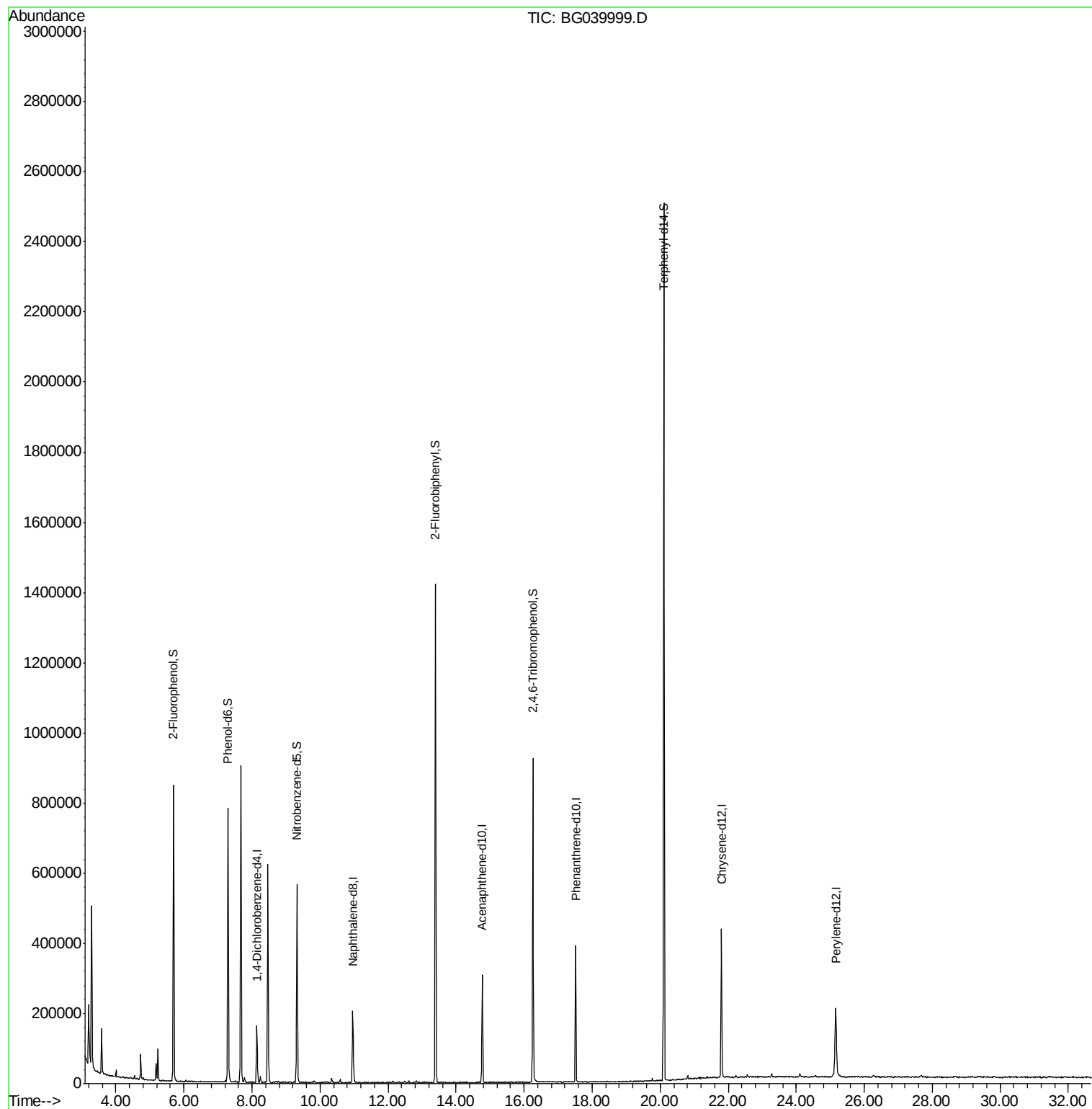
Target Compounds Qvalue

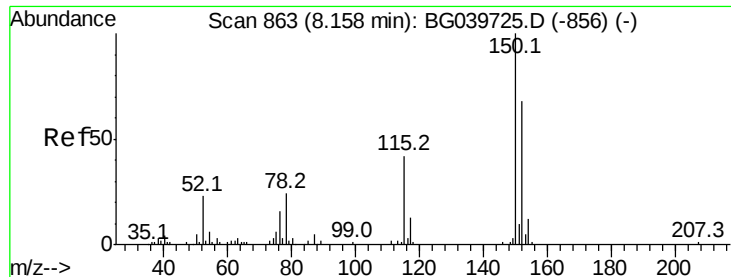
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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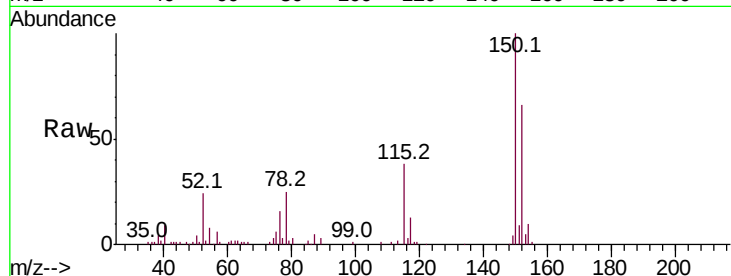


#1

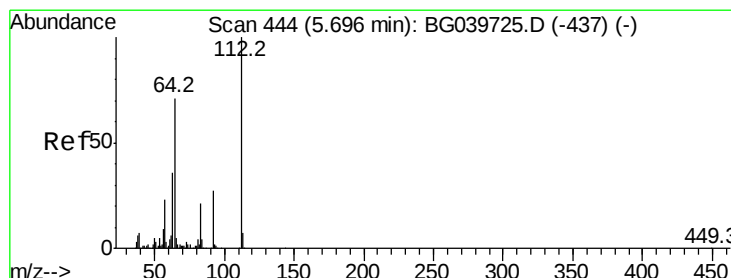
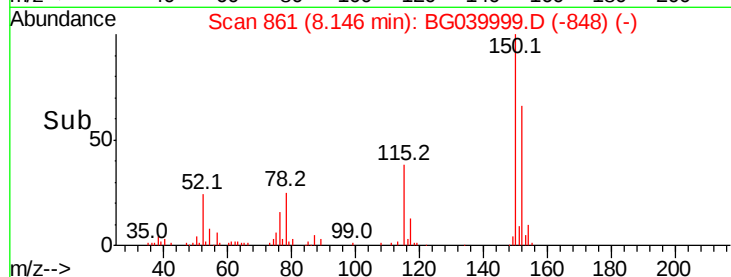
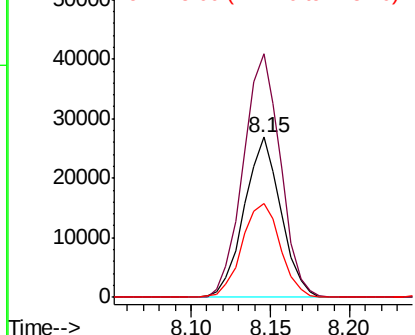
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039999.D
Acq: 19 Mar 2019 10:23

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

Tot Ion:152 Resp: 43162
Ion Ratio Lower Upper
152 100
150 152.4 123.7 185.5
115 58.4 45.9 68.9



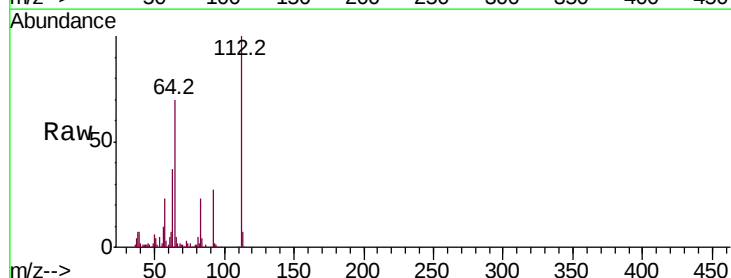
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



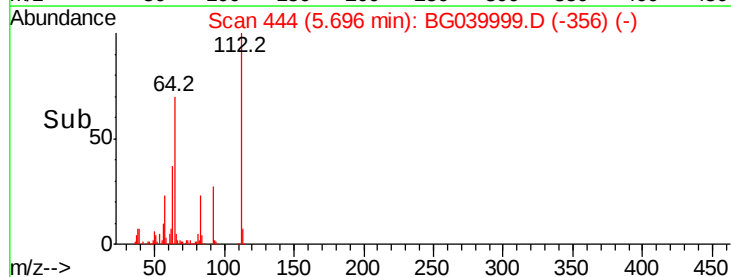
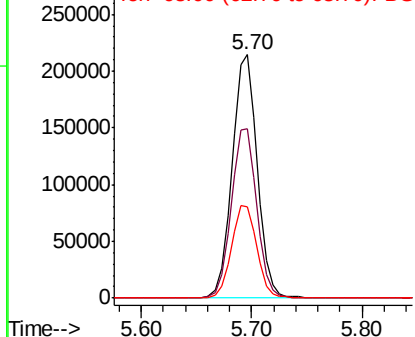
#5

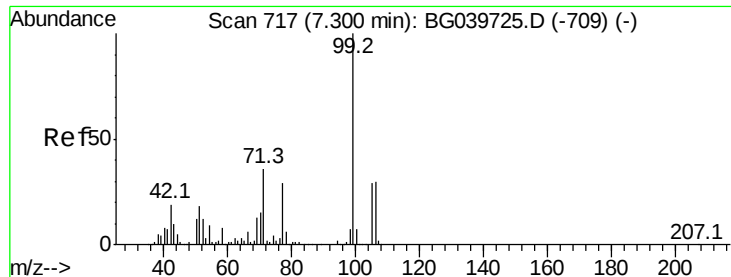
2-Fluorophenol
Concen: 135.072 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039999.D
Acq: 19 Mar 2019 10:23

Tgt Ion:112 Resp: 341731
Ion Ratio Lower Upper
112 100
64 69.6 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: 114.847 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039999.D

Acq: 19 Mar 2019 10:23

Instrument :

BNA_G

ClientSampleId :

HR-05-031519-C

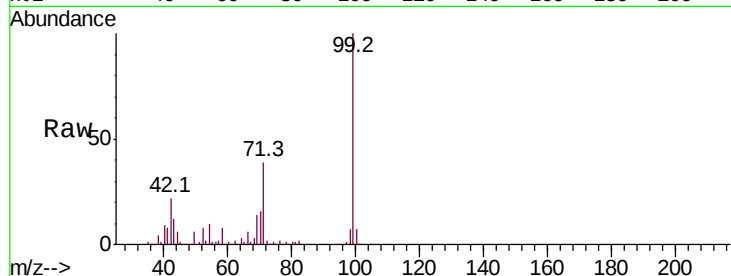
Tot Ion: 99 Resp: 433245

Ion Ratio Lower Upper

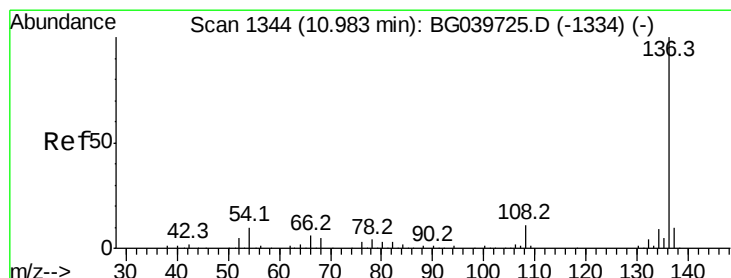
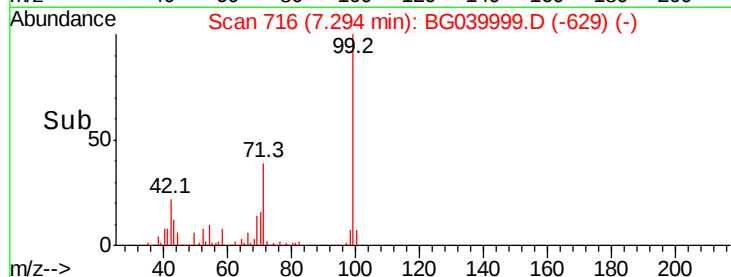
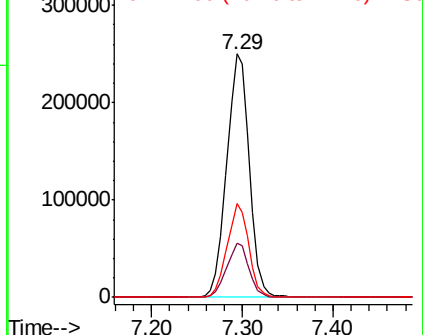
99 100

42 22.0 18.2 27.2

71 38.8 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: BG039999.D

Acq: 19 Mar 2019 10:23

Tgt Ion: 136 Resp: 170895

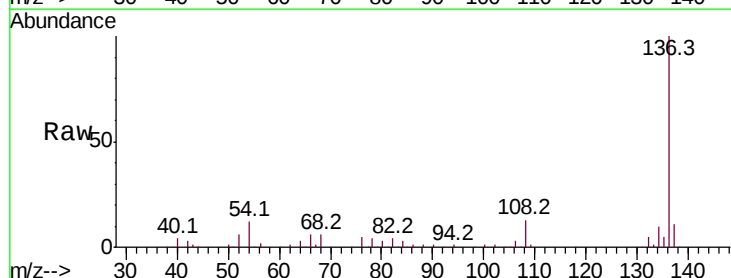
Ion Ratio Lower Upper

136 100

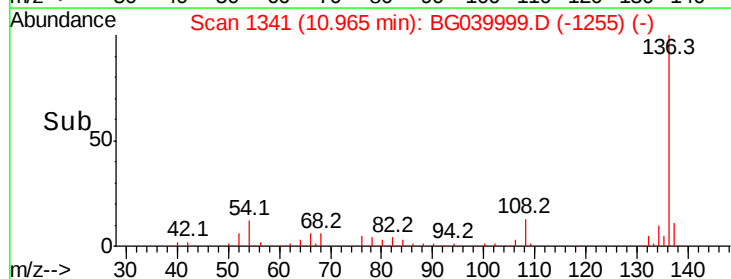
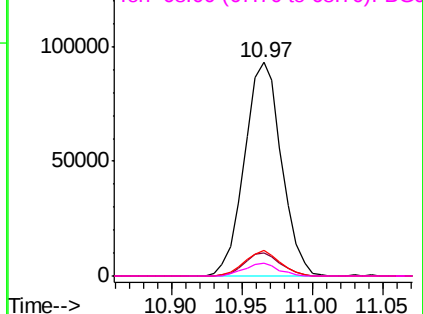
137 10.8 9.1 13.7

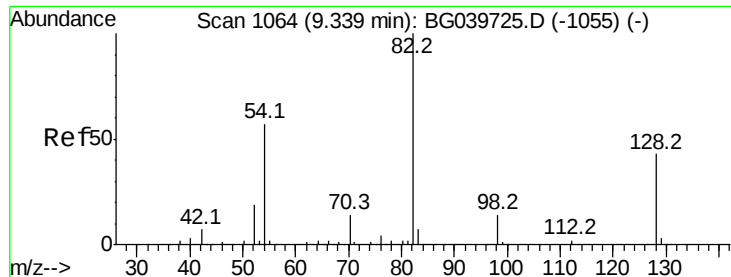
54 12.1 9.4 14.2

68 5.8 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

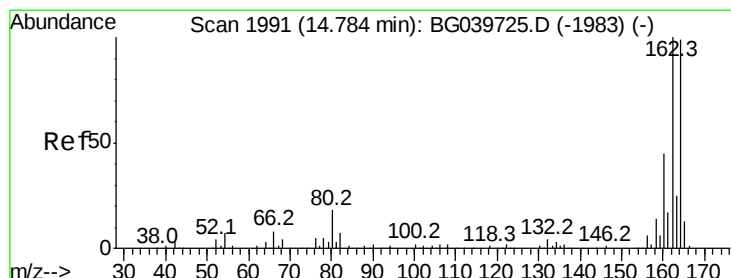
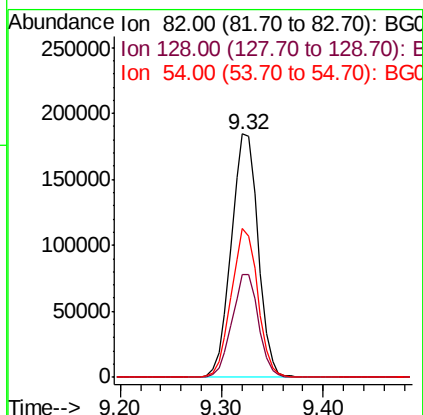
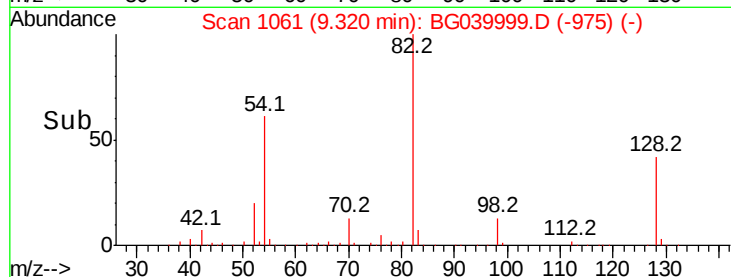
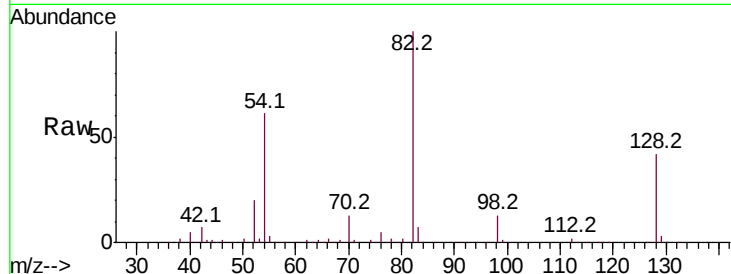




#23
 Nitrobenzene-d5
 Concen: 107.318 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039999.D
 Acq: 19 Mar 2019 10:23

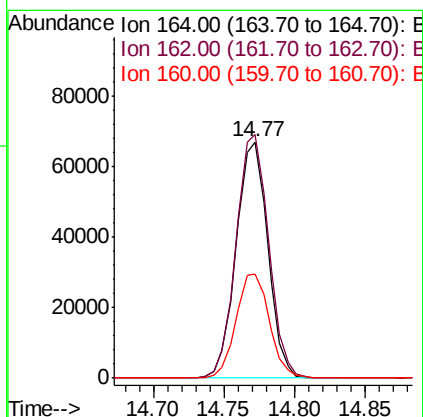
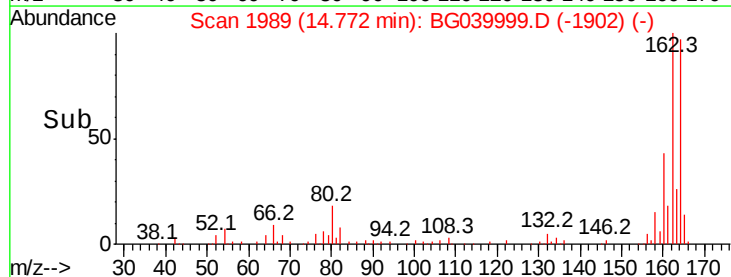
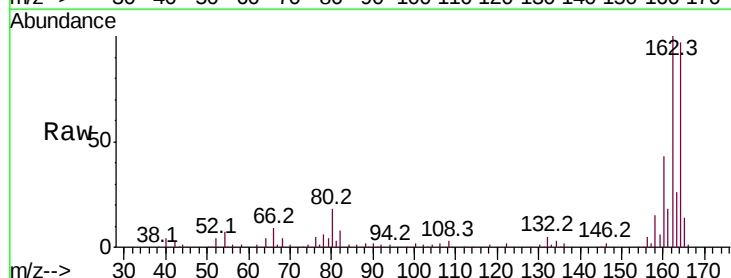
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-031519-C

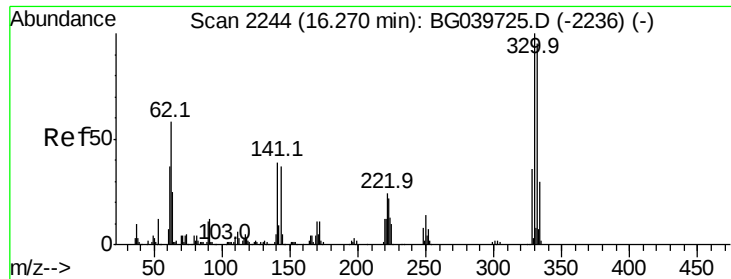
Tot Ion	82	Resp	339105
Ion Ratio	Lower	Upper	
82	100		
128	42.3	31.3	46.9
54	61.2	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG039999.D
 Acq: 19 Mar 2019 10:23

Tgt Ion	164	Resp	105312
Ion Ratio	Lower	Upper	
164	100		
162	103.0	81.6	122.4
160	44.1	34.2	51.2

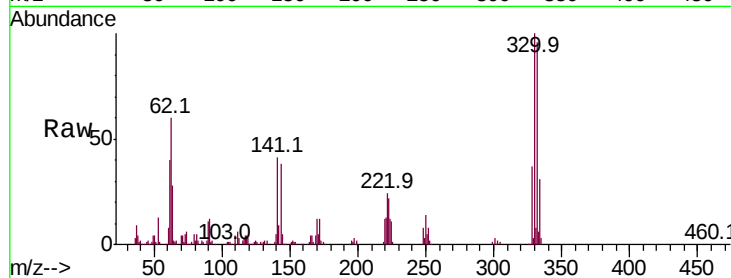




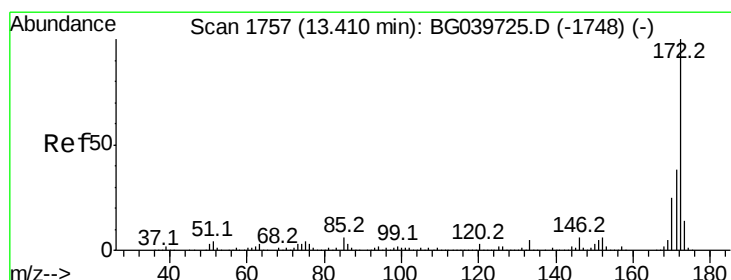
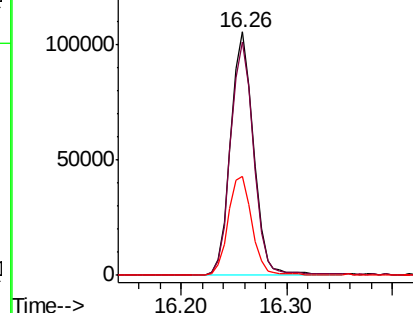
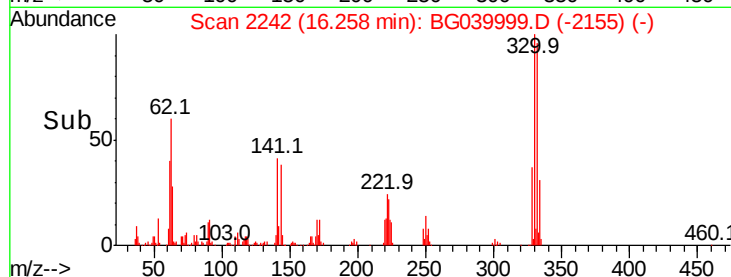
#42
 2,4,6-Tribromophenol
 Concen: 129.474 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039999.D
 Acq: 19 Mar 2019 10:23

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.7	113.5
141	42.3	35.6	53.4

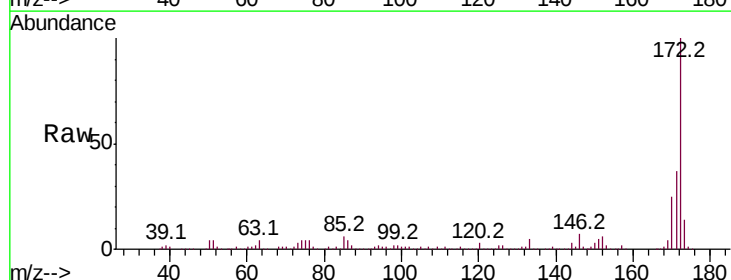


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

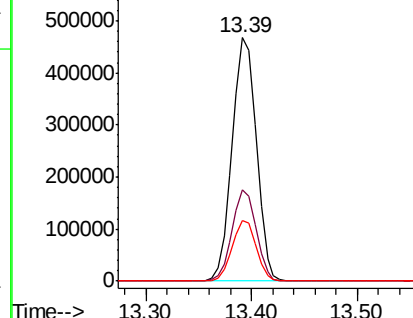
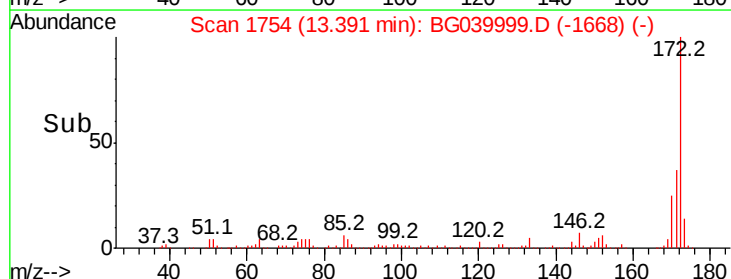


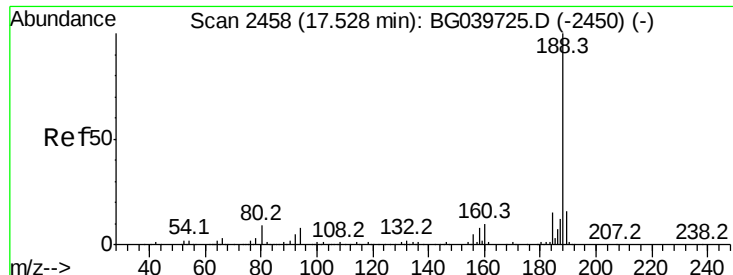
#45
 2-Fluorobiphenyl
 Concen: 99.753 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039999.D
 Acq: 19 Mar 2019 10:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	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# 2456

Delta R.T. -0.02 min

Lab File: BG039999.D

Acq: 19 Mar 2019 10:23

Instrument :

BNA_G

ClientSampleId :

HR-05-031519-C

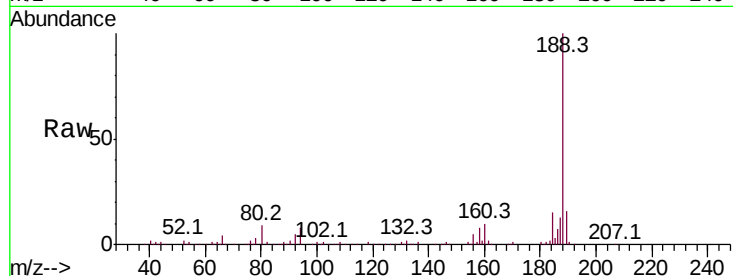
Tot Ion:188 Resp: 243967

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

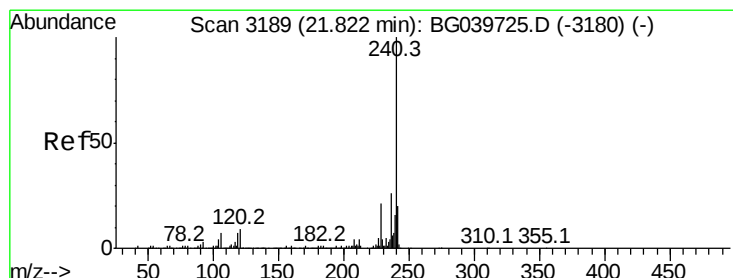
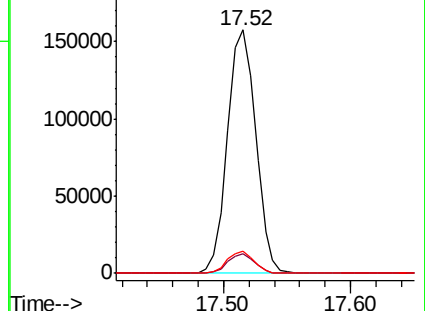
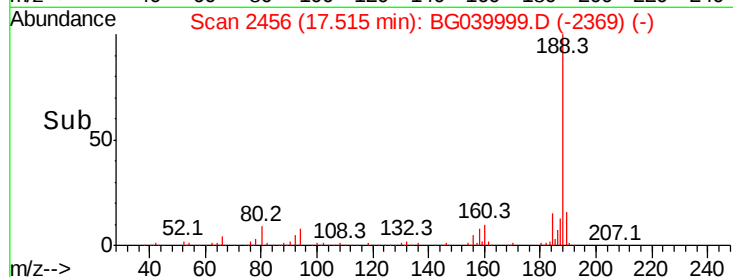
80 9.2 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG039999.D

Acq: 19 Mar 2019 10:23

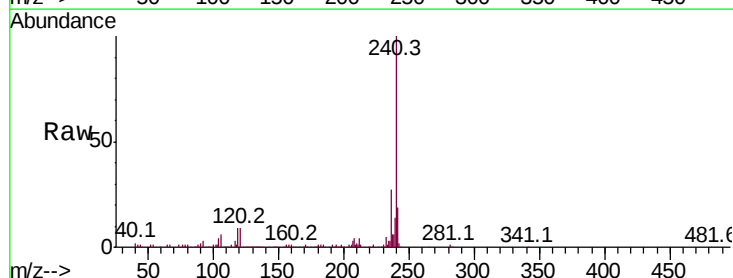
Tgt Ion:240 Resp: 265511

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

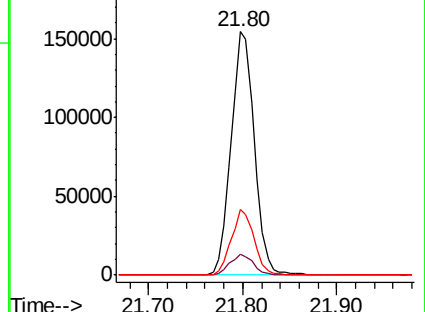
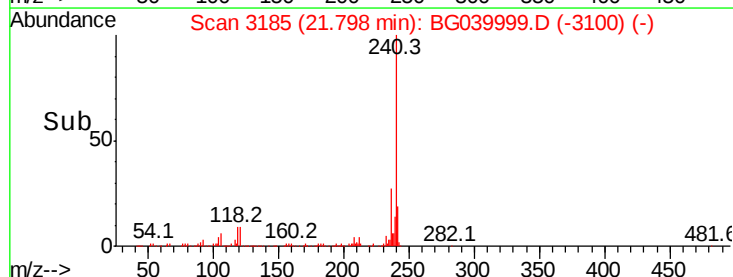
236 26.8 21.0 31.4

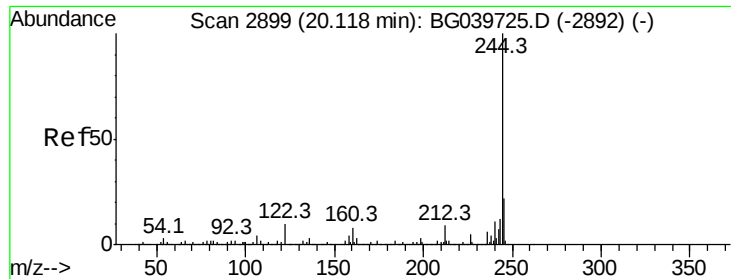


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.204 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039999.D

Acq: 19 Mar 2019 10:23

Instrument :

BNA_G

ClientSampleId :

HR-05-031519-C

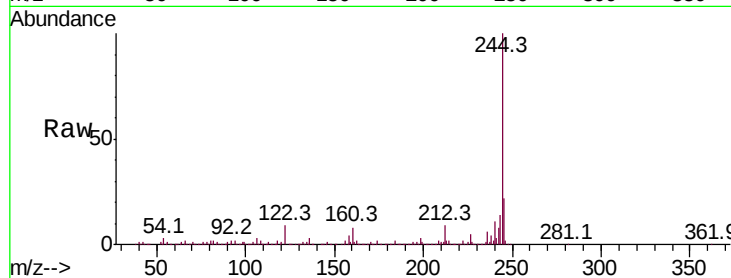
Tot Ion:244 Resp: 1172168

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

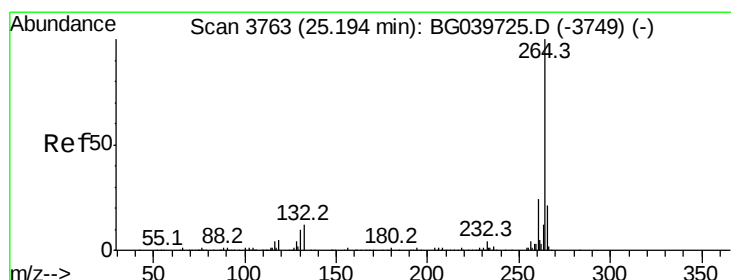
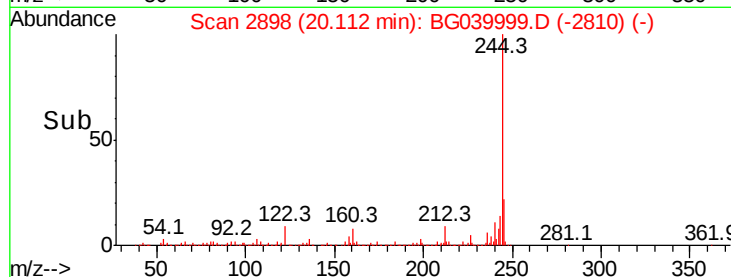
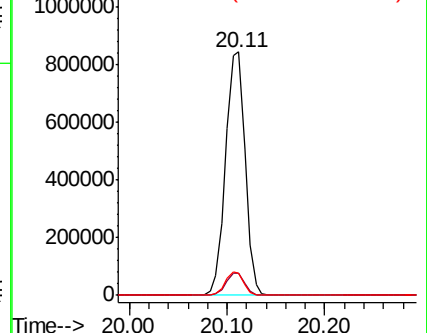
122 9.0 8.4 12.6



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: BG039999.D

Acq: 19 Mar 2019 10:23

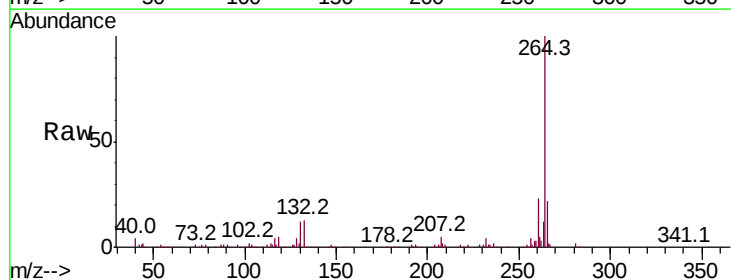
Tgt Ion:264 Resp: 251590

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 21.7 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

