

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
 Data File : BG039918.D
 Acq On : 14 Mar 2019 1:22
 Operator : JU/SJ
 Sample : K1871-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Mar 14 04:49:08 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	38696	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	155636	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	103149	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	248130	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	277556	20.00	ng	-0.02
87) Perylene-d12	25.16	264	273649	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	287223	126.63	ng	-0.02
7) Phenol-d6	7.29	99	377253	111.55	ng	-0.02
23) Nitrobenzene-d5	9.33	82	276450	96.07	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	164620	136.92	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	669266	92.38	ng	-0.02
79) Terphenyl-d14	20.11	244	1076675	85.41	ng	-0.02

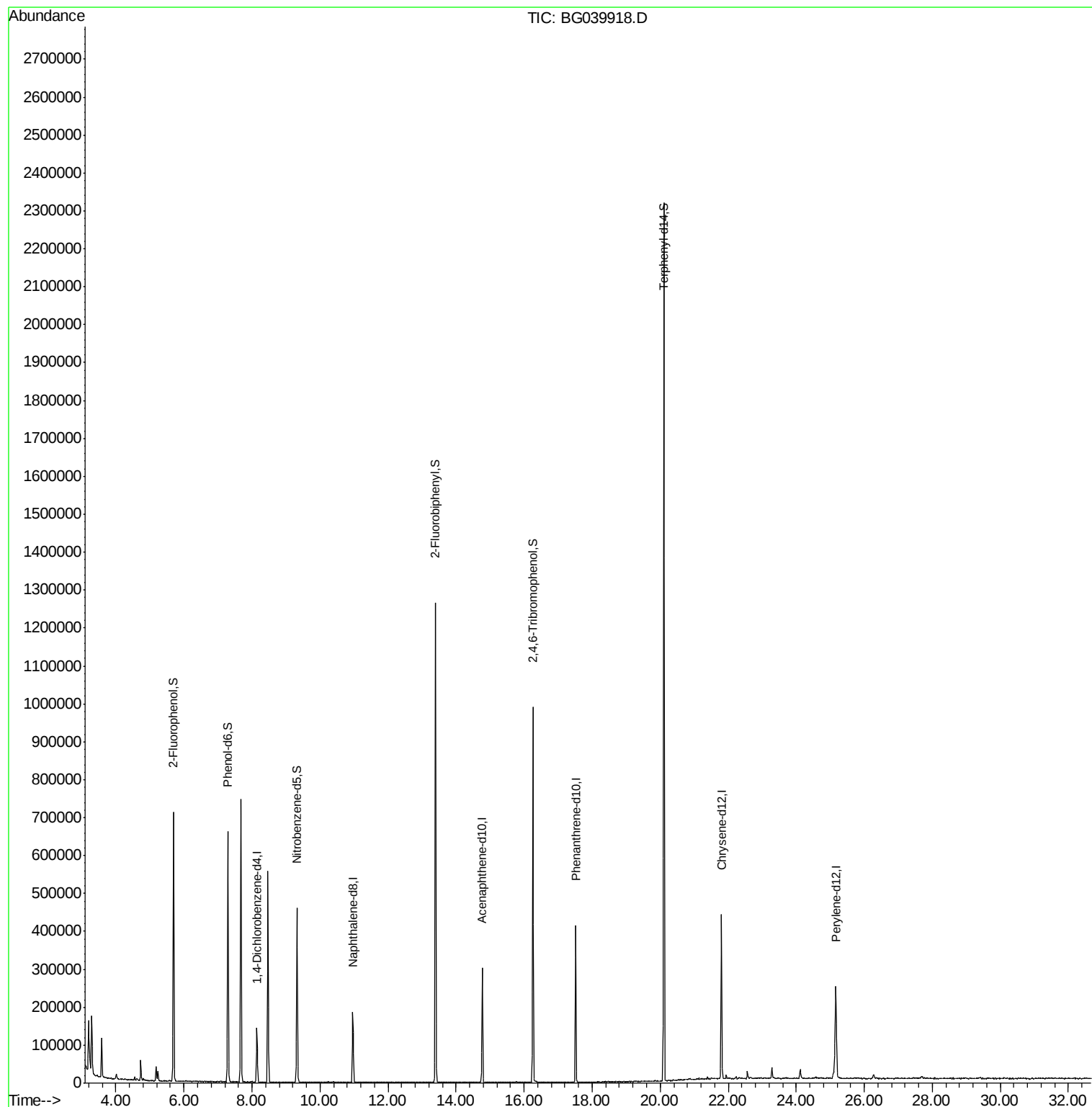
Target Compounds Qvalue

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

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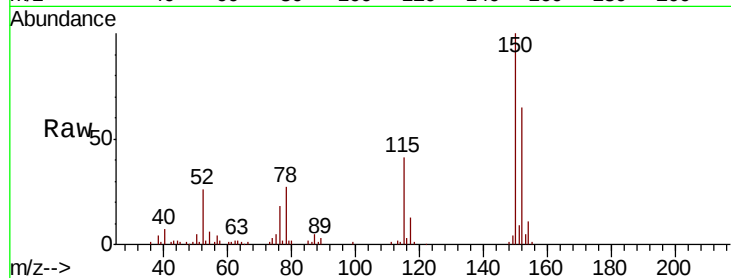


#1

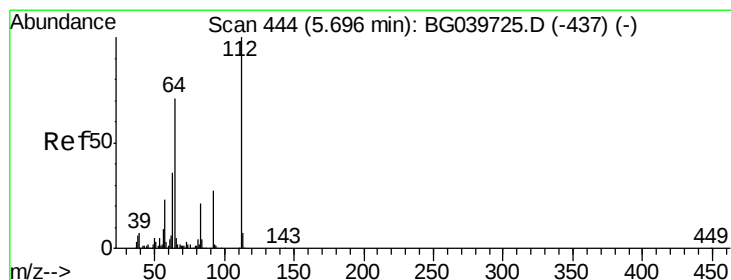
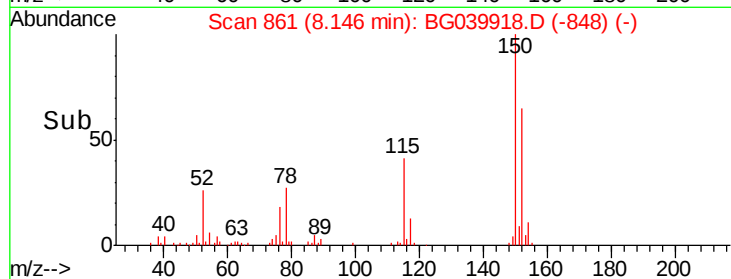
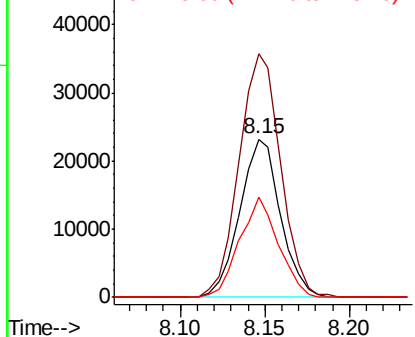
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039918.D
Acq: 14 Mar 2019 1:22

Instrument :
BNA_G
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.7	185.5
115	63.3	45.9	68.9



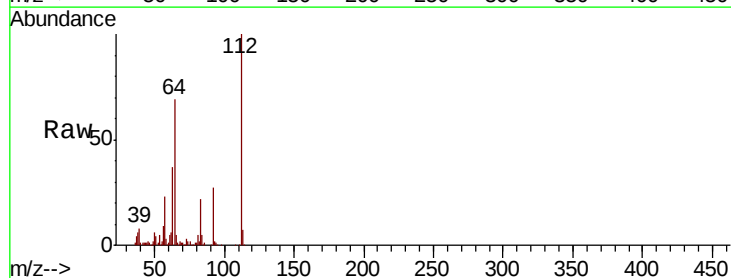
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



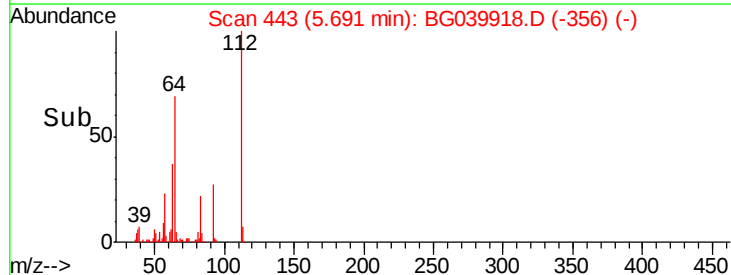
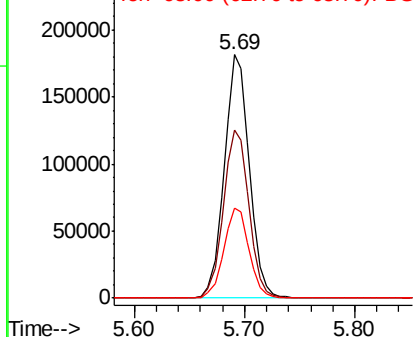
#5

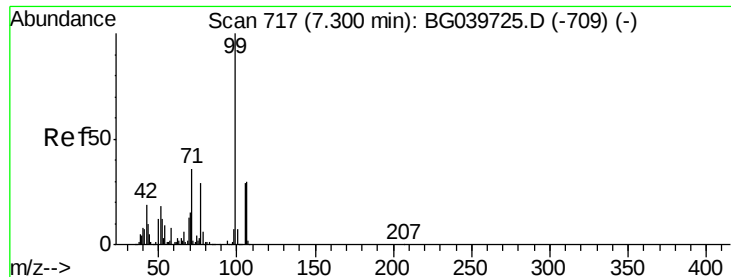
2-Fluorophenol
Concen: 126.629 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039918.D
Acq: 14 Mar 2019 1:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	57.8	86.8
63	36.8	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: 111.546 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039918.D

Acq: 14 Mar 2019 1:22

Instrument :

BNA_G

ClientSampled :

TP-1

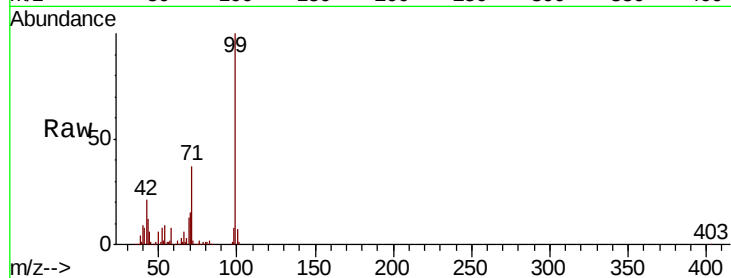
Tot Ion: 99 Resp: 377253

Ion Ratio Lower Upper

99 100

42 20.9 18.2 27.2

71 36.8 28.0 42.0

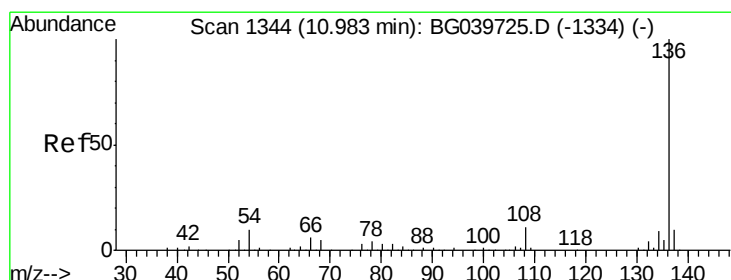
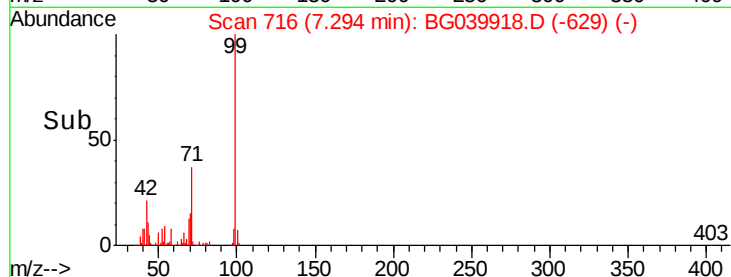
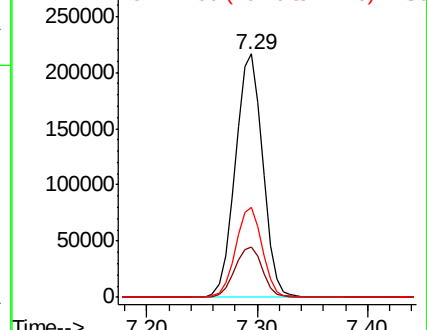


Abundance

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: BG039918.D

Acq: 14 Mar 2019 1:22

Tgt Ion: 136 Resp: 155636

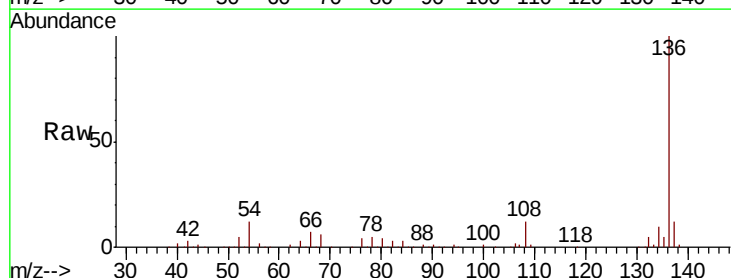
Ion Ratio Lower Upper

136 100

137 11.9 9.1 13.7

54 11.5 9.4 14.2

68 6.1 4.2 6.4



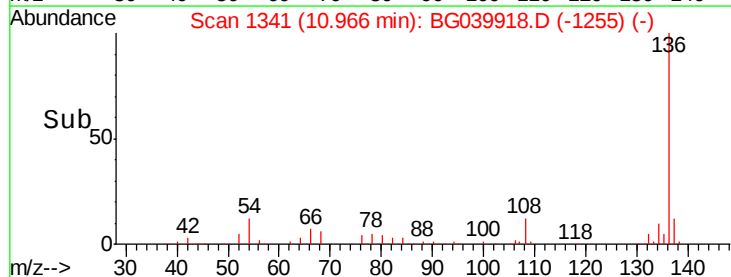
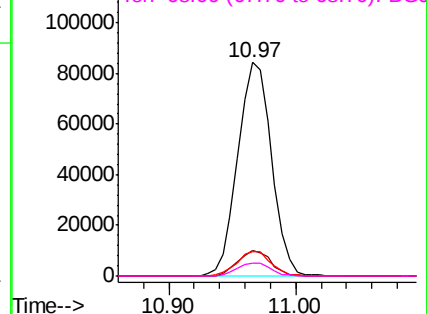
Abundance

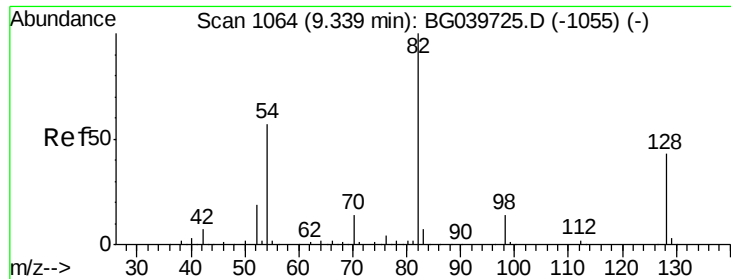
Ion 136.00 (135.70 to 136.70): BGC

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

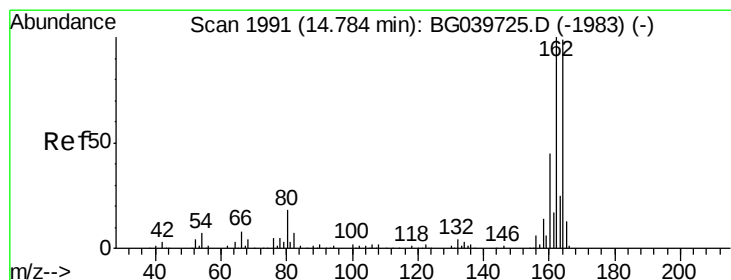
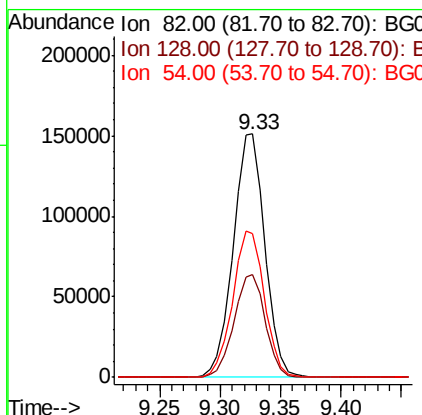
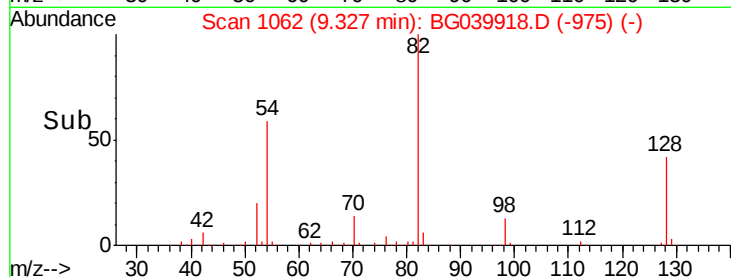
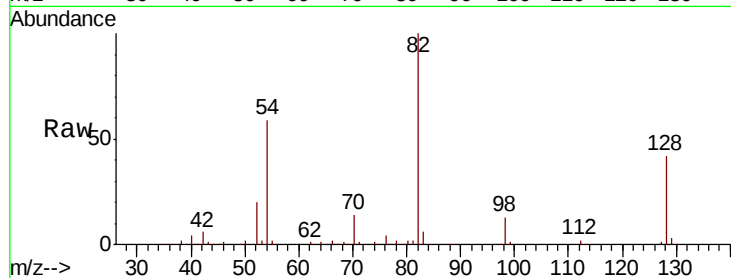




#23
Nitrobenzene-d5
Concen: 96.067 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039918.D
Acq: 14 Mar 2019 1:22

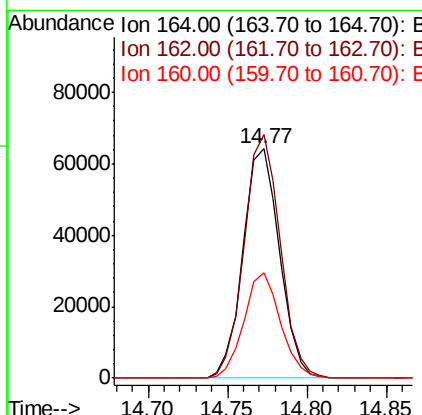
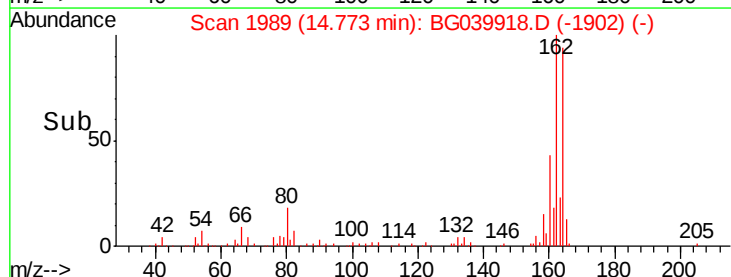
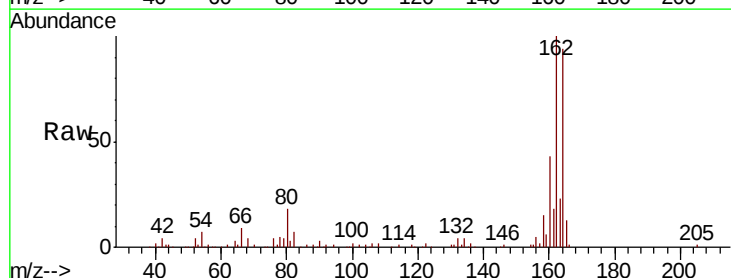
Instrument :
BNA_G
ClientSampleId :
TP-1

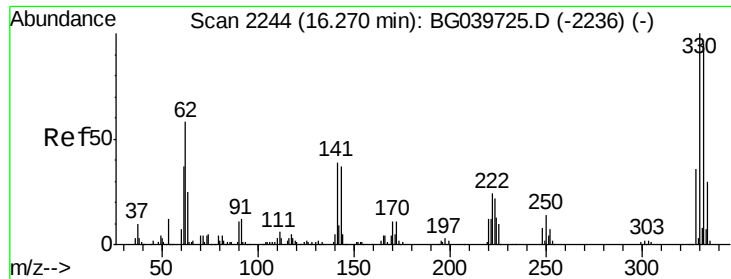
Tot Ion: 82 Resp: 276450
Ion Ratio Lower Upper
82 100
128 42.2 31.3 46.9
54 59.0 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039918.D
Acq: 14 Mar 2019 1:22

Tgt Ion:164 Resp: 103149
Ion Ratio Lower Upper
164 100
162 106.2 81.6 122.4
160 46.1 34.2 51.2

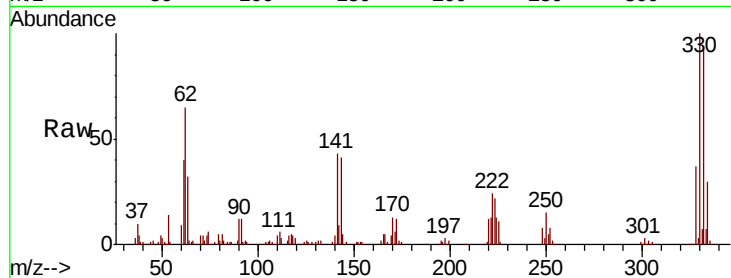




#42
 2,4,6-Tribromophenol
 Concen: 136.923 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039918.D
 Acq: 14 Mar 2019 1:22

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.7	113.5
141	42.7	35.6	53.4

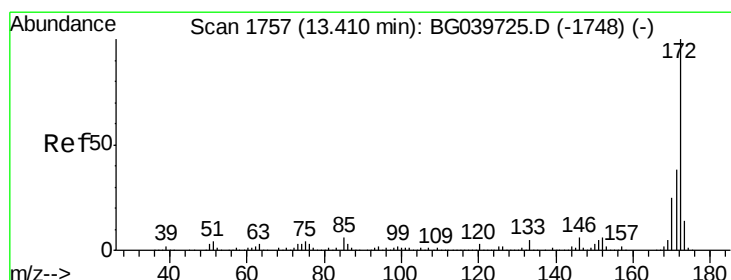
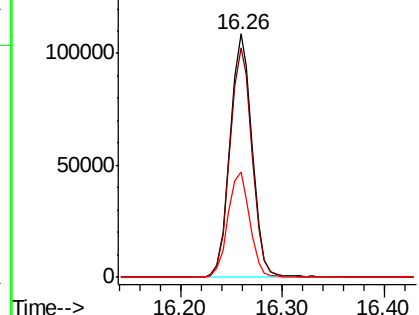
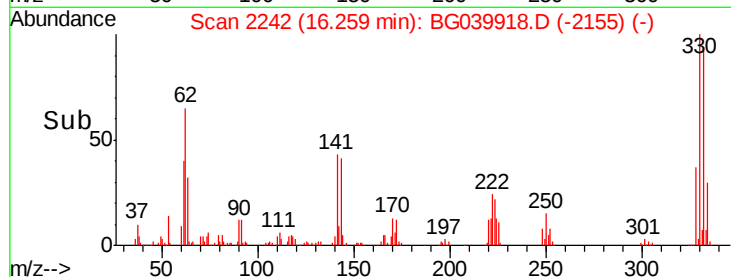


Abundance

Ion 329.80 (329.50 to 330.50): E

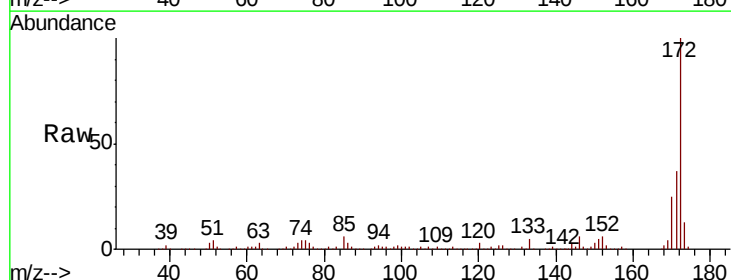
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.383 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039918.D
 Acq: 14 Mar 2019 1:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	25.0	20.2	30.4

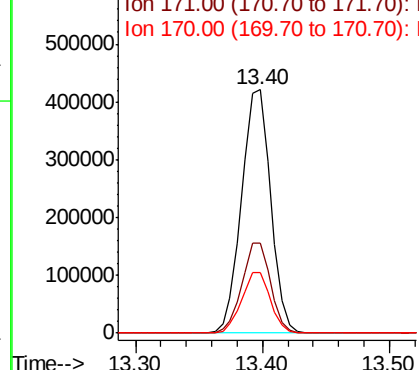
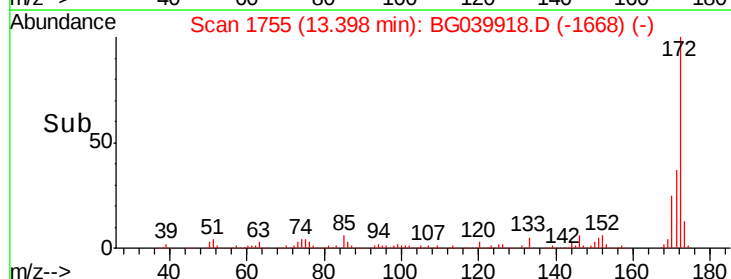


Abundance

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

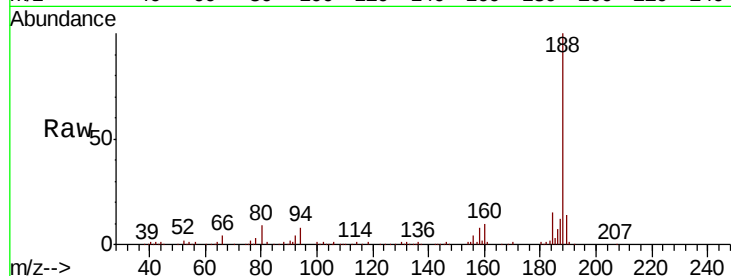




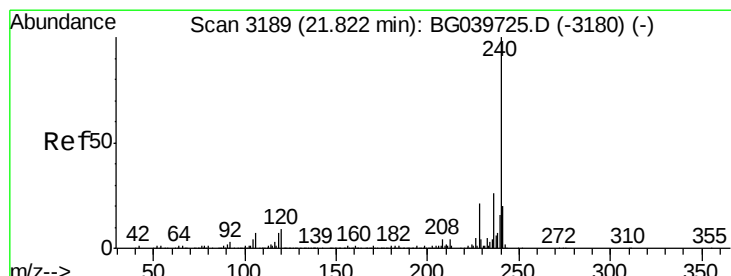
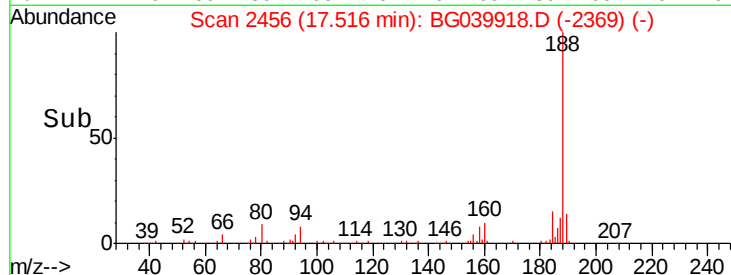
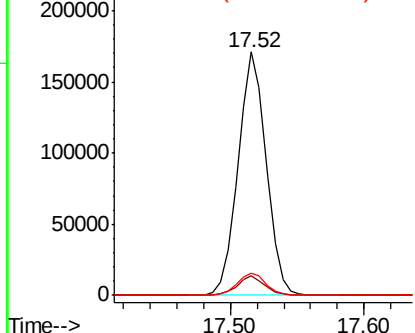
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039918.D
Acq: 14 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:188 Resp: 248130
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.1 8.1 12.1

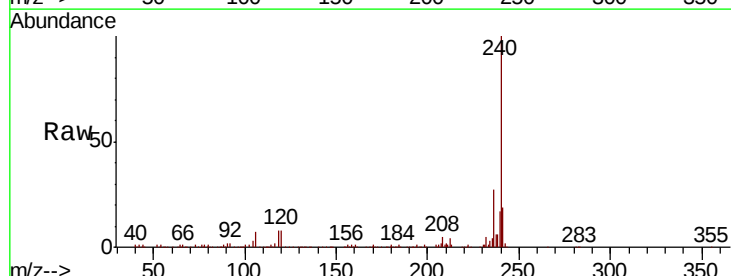


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

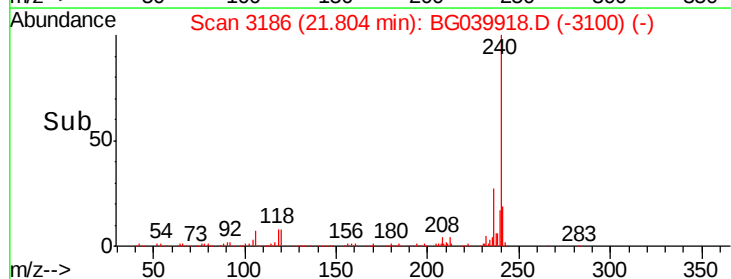
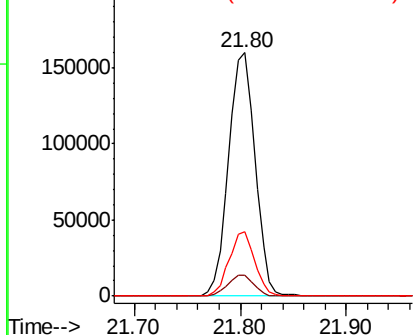


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039918.D
Acq: 14 Mar 2019 1:22

Tgt Ion:240 Resp: 277556
Ion Ratio Lower Upper
240 100
120 8.4 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: 85.411 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039918.D

Acq: 14 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

TP-1

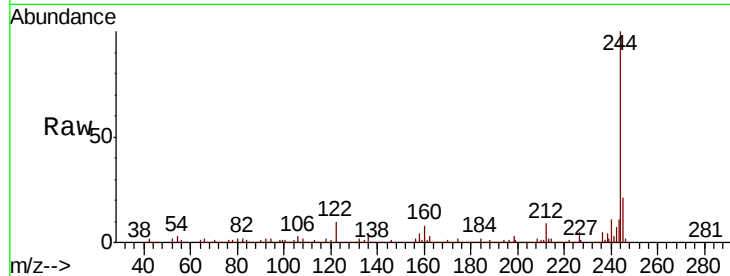
Tot Ion:244 Resp: 1076675

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

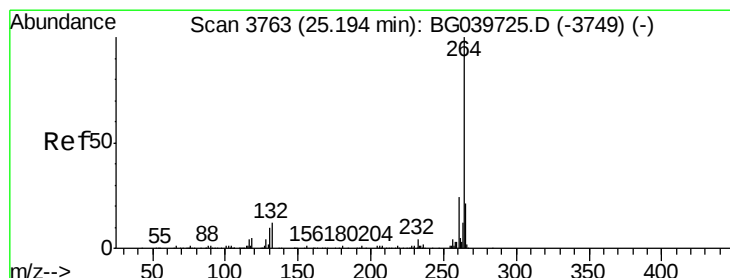
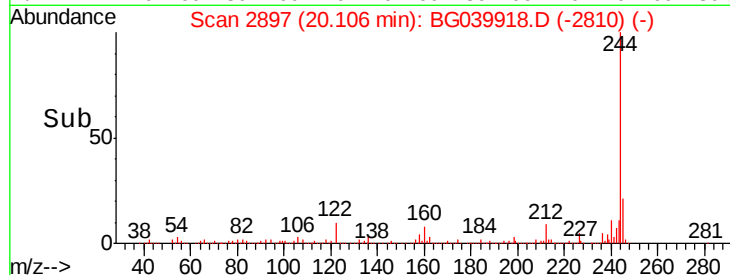
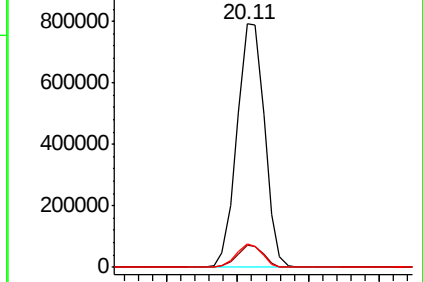
122 9.8 8.4 12.6



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: BG039918.D

Acq: 14 Mar 2019 1:22

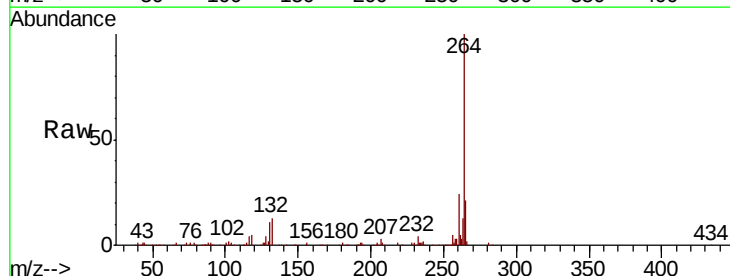
Tgt Ion:264 Resp: 273649

Ion Ratio Lower Upper

264 100

260 23.9 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

