

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039866.D
 Acq On : 12 Mar 2019 8:16
 Operator : JU/SJ
 Sample : PB117792TB
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117792TB

Quant Time: Mar 12 09:40:01 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	37569	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	154618	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	104980	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	269976	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	299702	20.00	ng	-0.02
87) Perylene-d12	25.18	264	290360	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	341350	155.01	ng	-0.01
7) Phenol-d6	7.30	99	485412	147.83	ng	-0.01
23) Nitrobenzene-d5	9.33	82	278404	97.38	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	173001	141.38	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	712413	96.62	ng	-0.02
79) Terphenyl-d14	20.12	244	1254996	92.20	ng	0.00

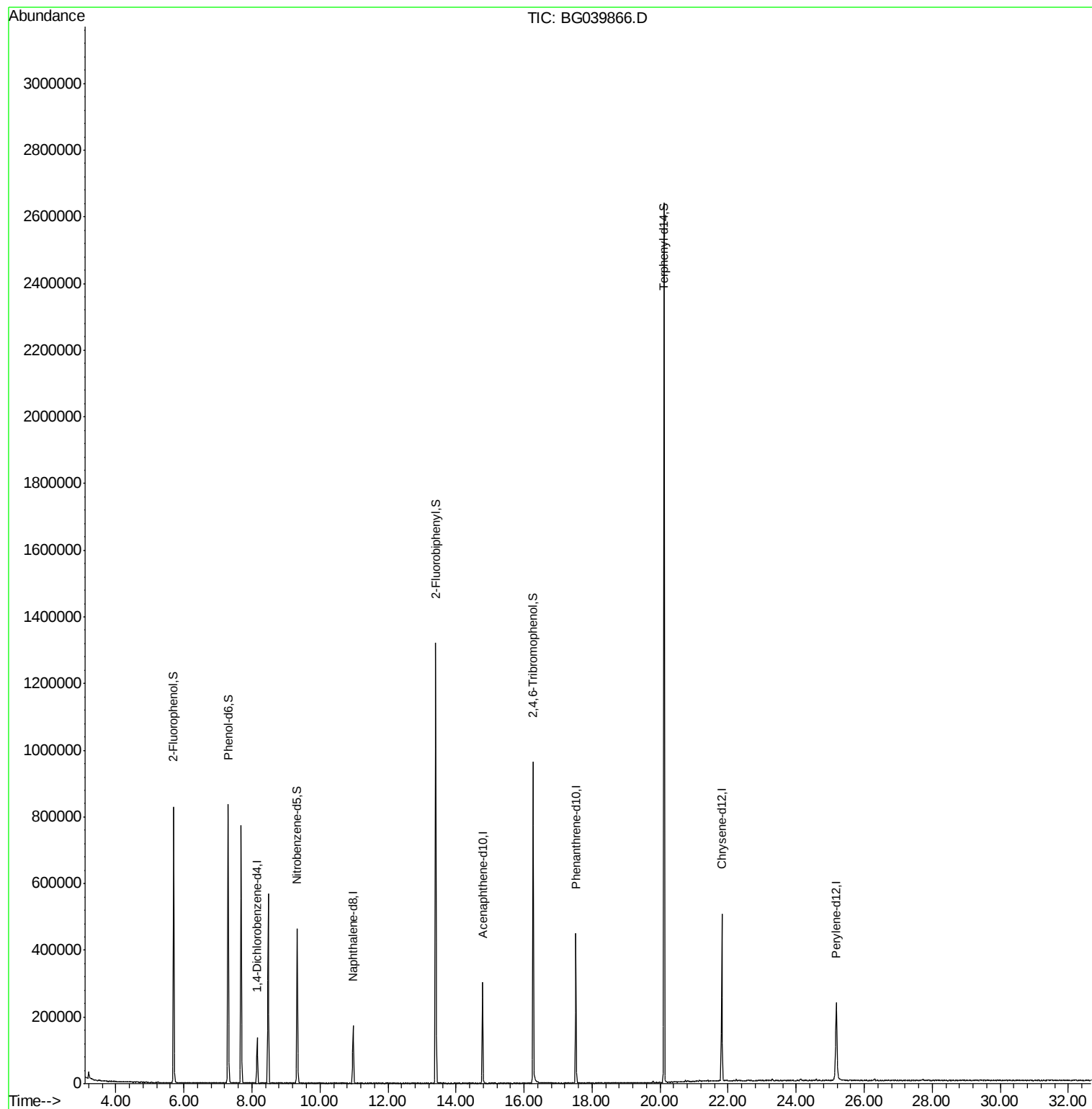
Target Compounds Qvalue

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

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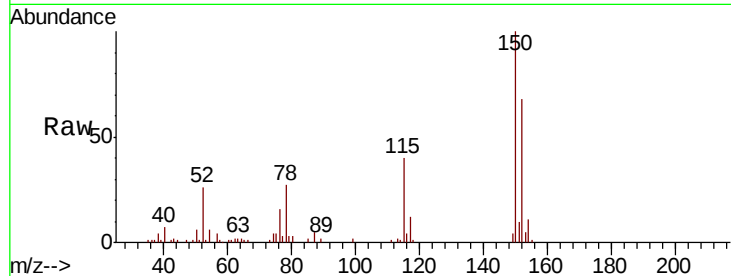


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039866.D
Acq: 12 Mar 2019 8:16

Instrument :
BNA_G
ClientSampleId :
PB117792TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	123.7	185.5
115	59.6	45.9	68.9

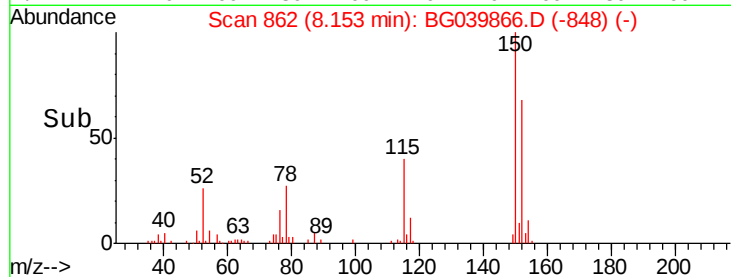
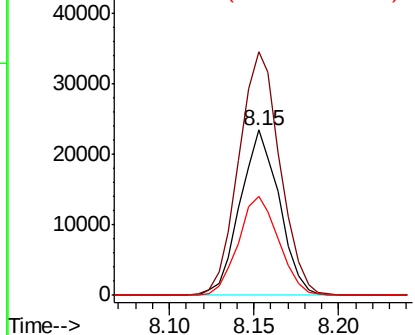


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

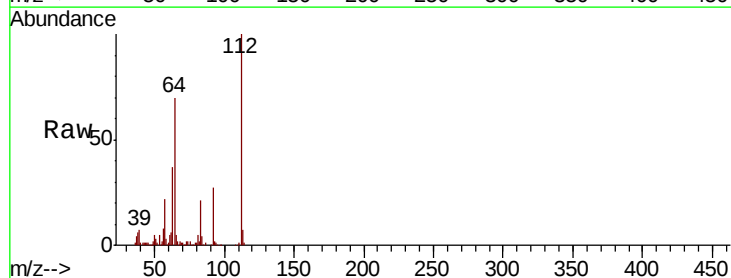
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 155.007 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039866.D
Acq: 12 Mar 2019 8:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	57.8	86.8
63	36.7	29.8	44.6

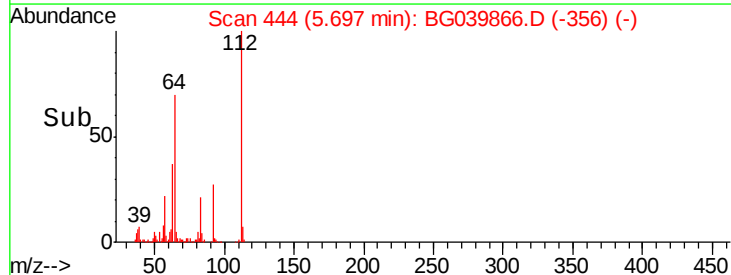
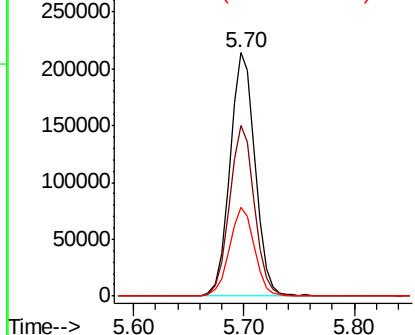


Abundance

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: 147.832 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039866.D

Acq: 12 Mar 2019 8:16

Instrument :

BNA_G

ClientSampleId :

PB117792TB

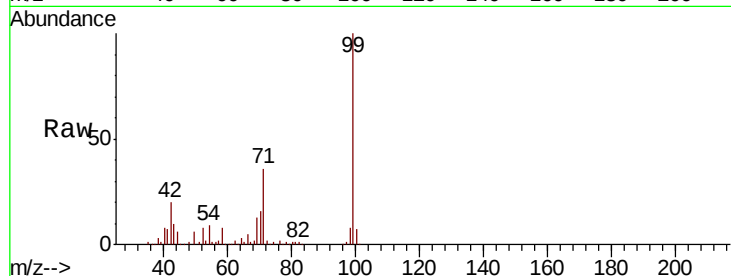
Tot Ion: 99 Resp: 485412

Ion Ratio Lower Upper

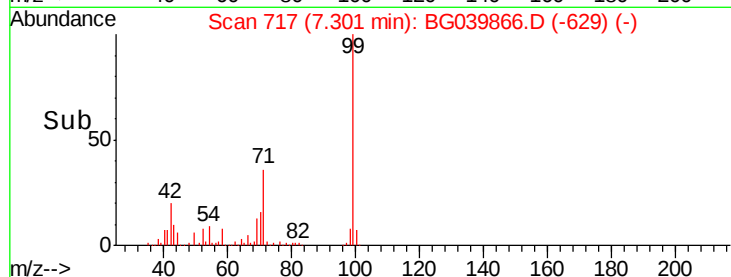
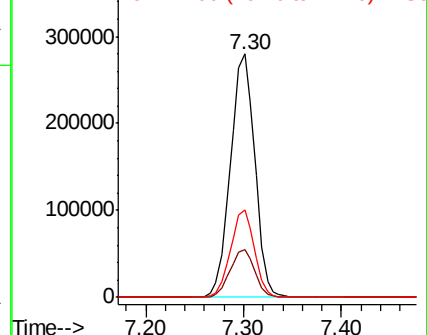
99 100

42 19.7 18.2 27.2

71 35.8 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# 1342

Delta R.T. -0.02 min

Lab File: BG039866.D

Acq: 12 Mar 2019 8:16

Tgt Ion: 136 Resp: 154618

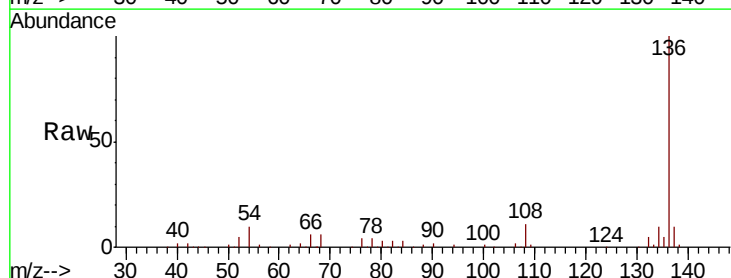
Ion Ratio Lower Upper

136 100

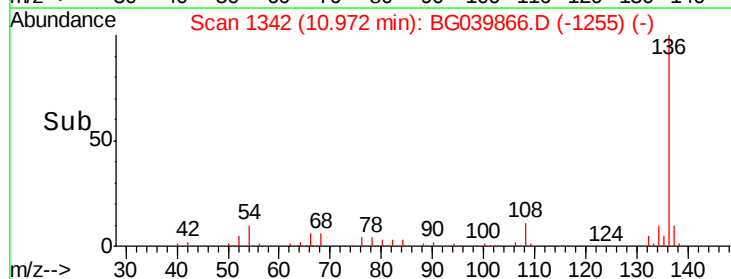
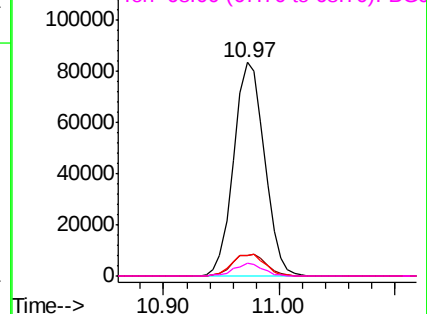
137 9.8 9.1 13.7

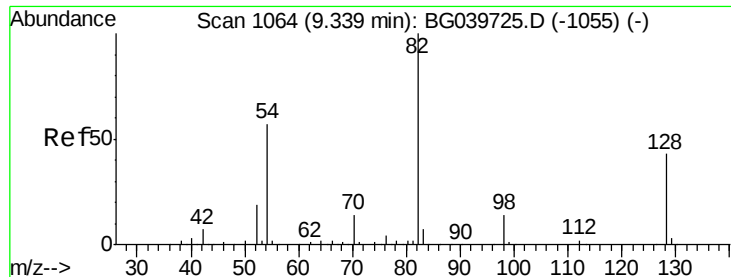
54 9.8 9.4 14.2

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

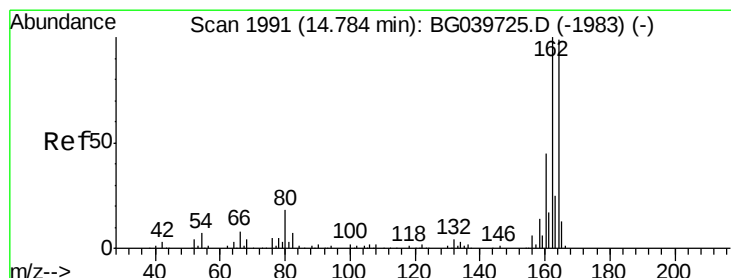
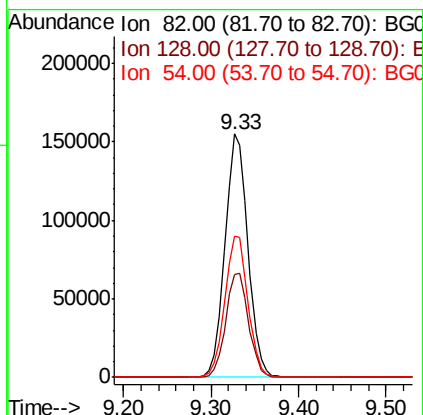
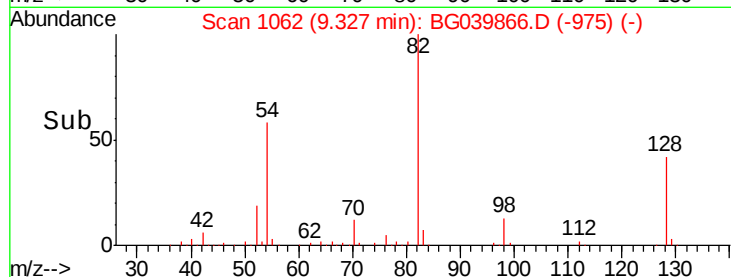
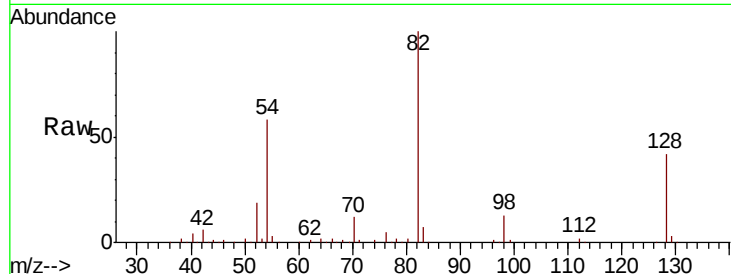




#23
Nitrobenzene-d5
Concen: 97.383 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039866.D
Acq: 12 Mar 2019 8:16

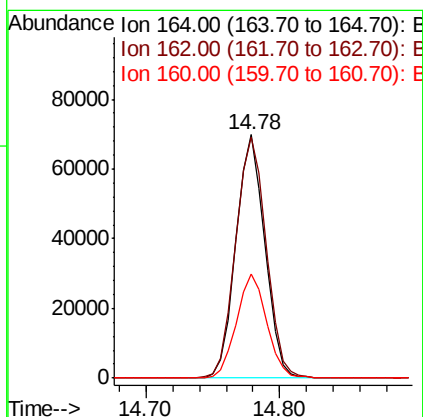
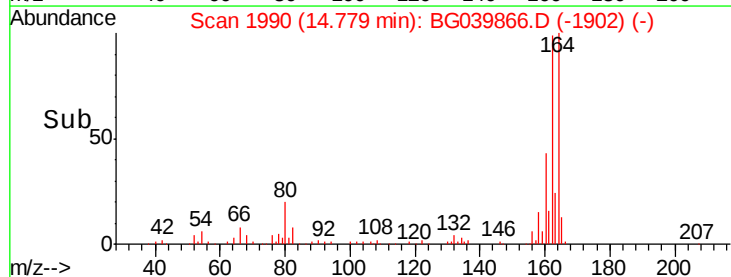
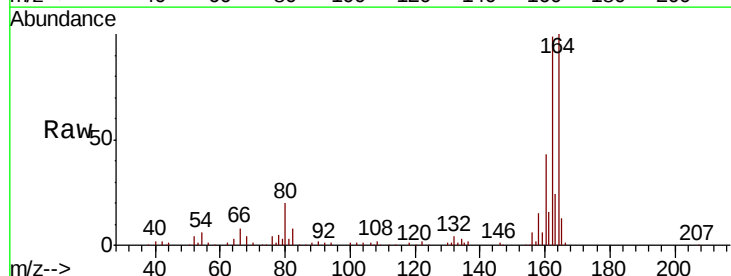
Instrument :
BNA_G
ClientSampleId :
PB117792TB

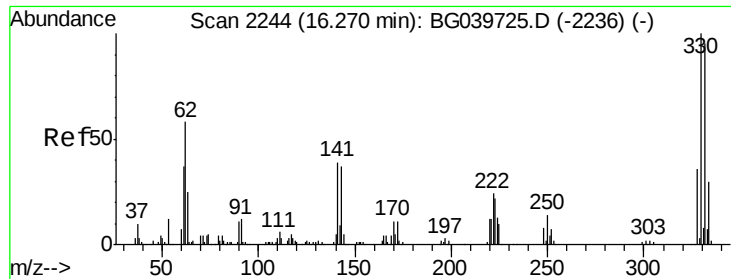
Tot Ion	82	Resp	278404
Ion Ratio	Lower	Upper	
82	100		
128	42.3	31.3	46.9
54	58.3	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039866.D
Acq: 12 Mar 2019 8:16

Tgt Ion	164	Resp	104980
Ion Ratio	Lower	Upper	
164	100		
162	98.9	81.6	122.4
160	42.6	34.2	51.2

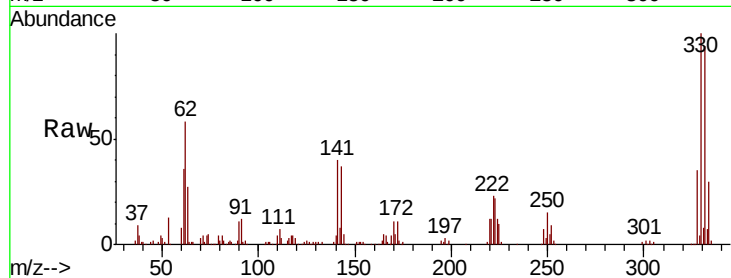




#42
 2,4,6-Tribromophenol
 Concen: 141.385 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039866.D
 Acq: 12 Mar 2019 8:16

Instrument :
 BNA_G
 ClientSampled :
 PB117792TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	75.7	113.5
141	41.5	35.6	53.4

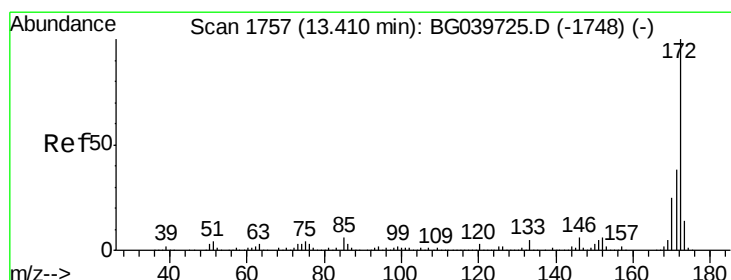
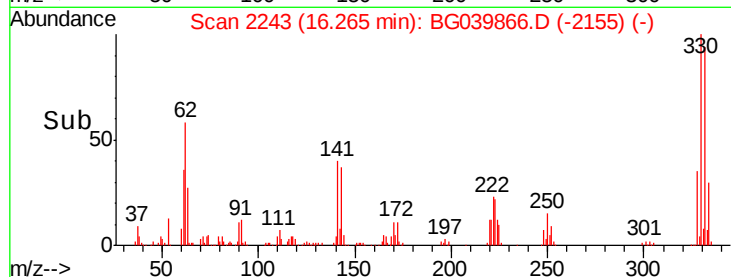
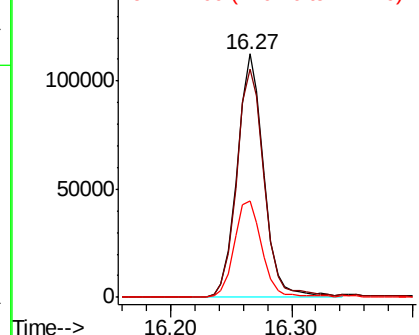


Abundance

Ion 329.80 (329.50 to 330.50): E

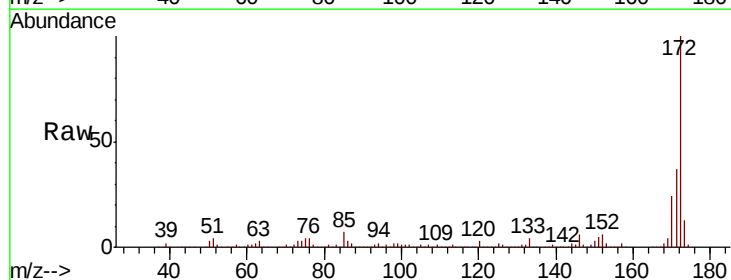
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 96.624 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039866.D
 Acq: 12 Mar 2019 8:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	24.2	20.2	30.4

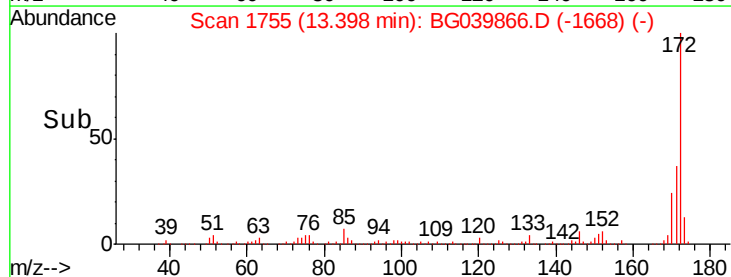
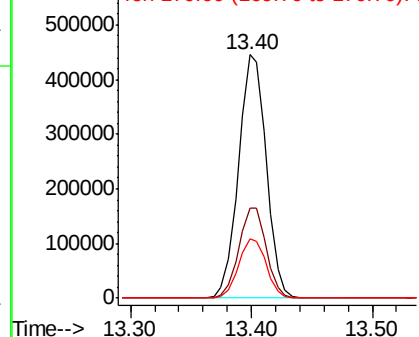


Abundance

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

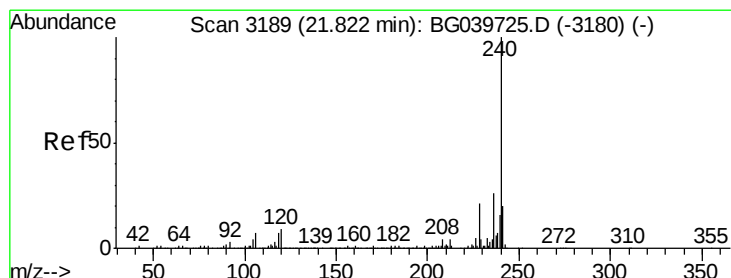
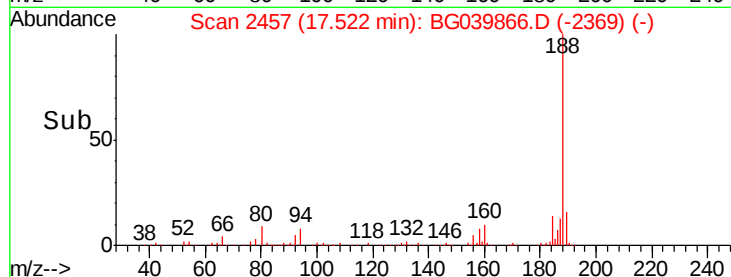
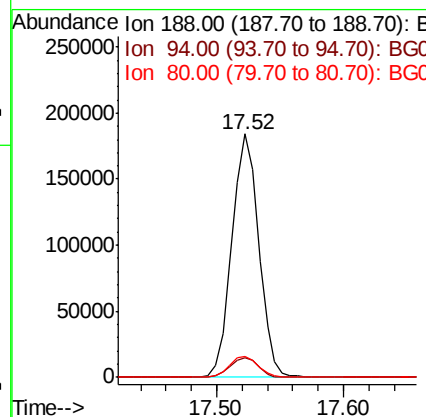
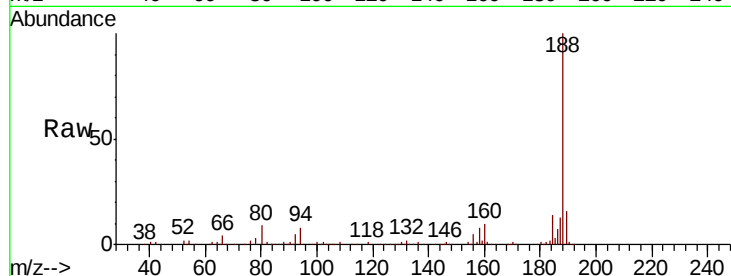




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039866.D
Acq: 12 Mar 2019 8:16

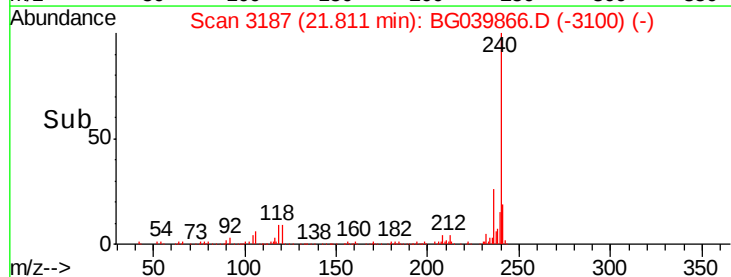
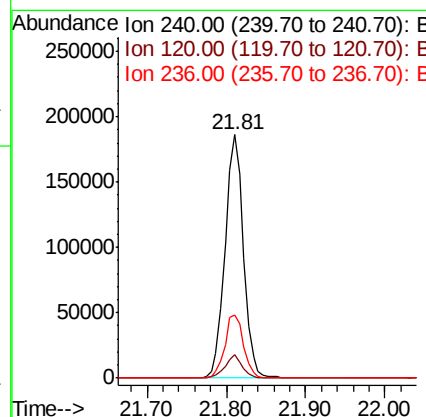
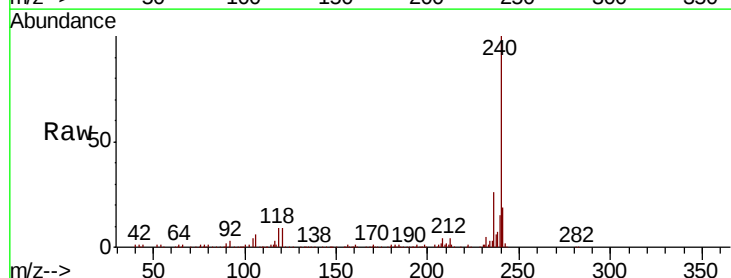
Instrument :
BNA_G
ClientSampleId :
PB117792TB

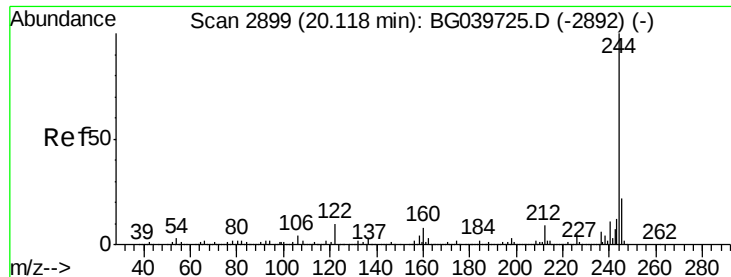
Tot Ion:188 Resp: 269976
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 8.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039866.D
Acq: 12 Mar 2019 8:16

Tgt Ion:240 Resp: 299702
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 26.0 21.0 31.4





#79

Terphenyl-d14

Concen: 92.200 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039866.D

Acq: 12 Mar 2019 8:16

Instrument :

BNA_G

ClientSampleId :

PB117792TB

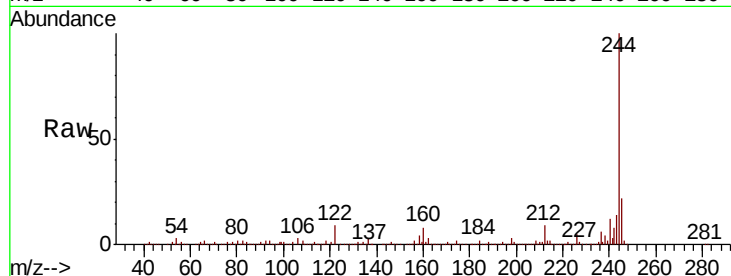
Tot Ion:244 Resp: 1254996

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.3	10.9
122	9.5	8.4	12.6

244 100

212 8.8 7.3 10.9

122 9.5 8.4 12.6

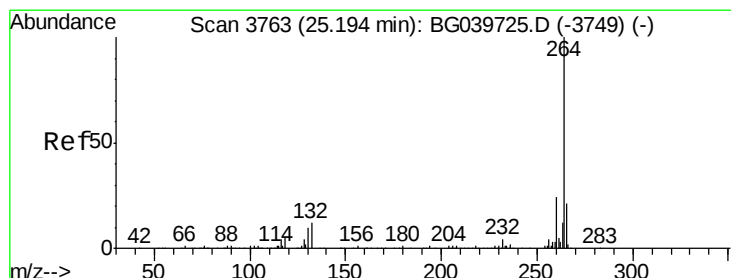
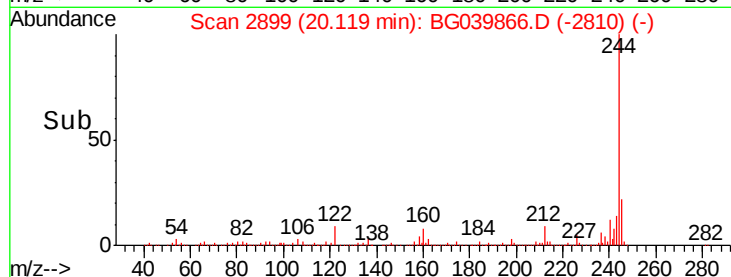
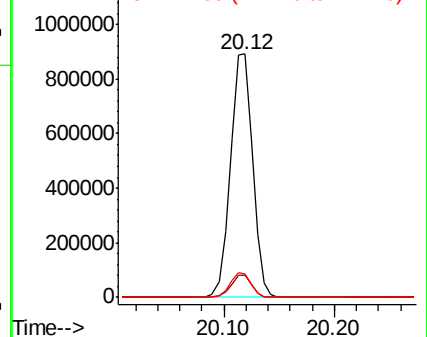


Abundance

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: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039866.D

Acq: 12 Mar 2019 8:16

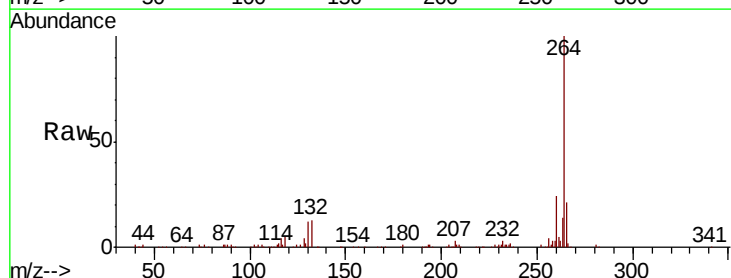
Tgt Ion:264 Resp: 290360

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	20.8	18.5	27.7

264 100

260 23.9 18.2 27.4

265 20.8 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

