

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039872.D
 Acq On : 12 Mar 2019 13:37
 Operator : JU/SJ
 Sample : PB117825BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117825BL

Quant Time: Mar 13 06:36:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	38283	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	157196	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	111407	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	297120	20.00	ng	0.00
76) Chrysene-d12	21.81	240	322400	20.00	ng	0.00
87) Perylene-d12	25.18	264	307076	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	292401	130.30	ng	0.00
7) Phenol-d6	7.30	99	421477	125.97	ng	0.00
23) Nitrobenzene-d5	9.33	82	244111	83.99	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	178509	137.47	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	638767	81.64	ng	0.00
79) Terphenyl-d14	20.11	244	1164434	79.52	ng	0.00

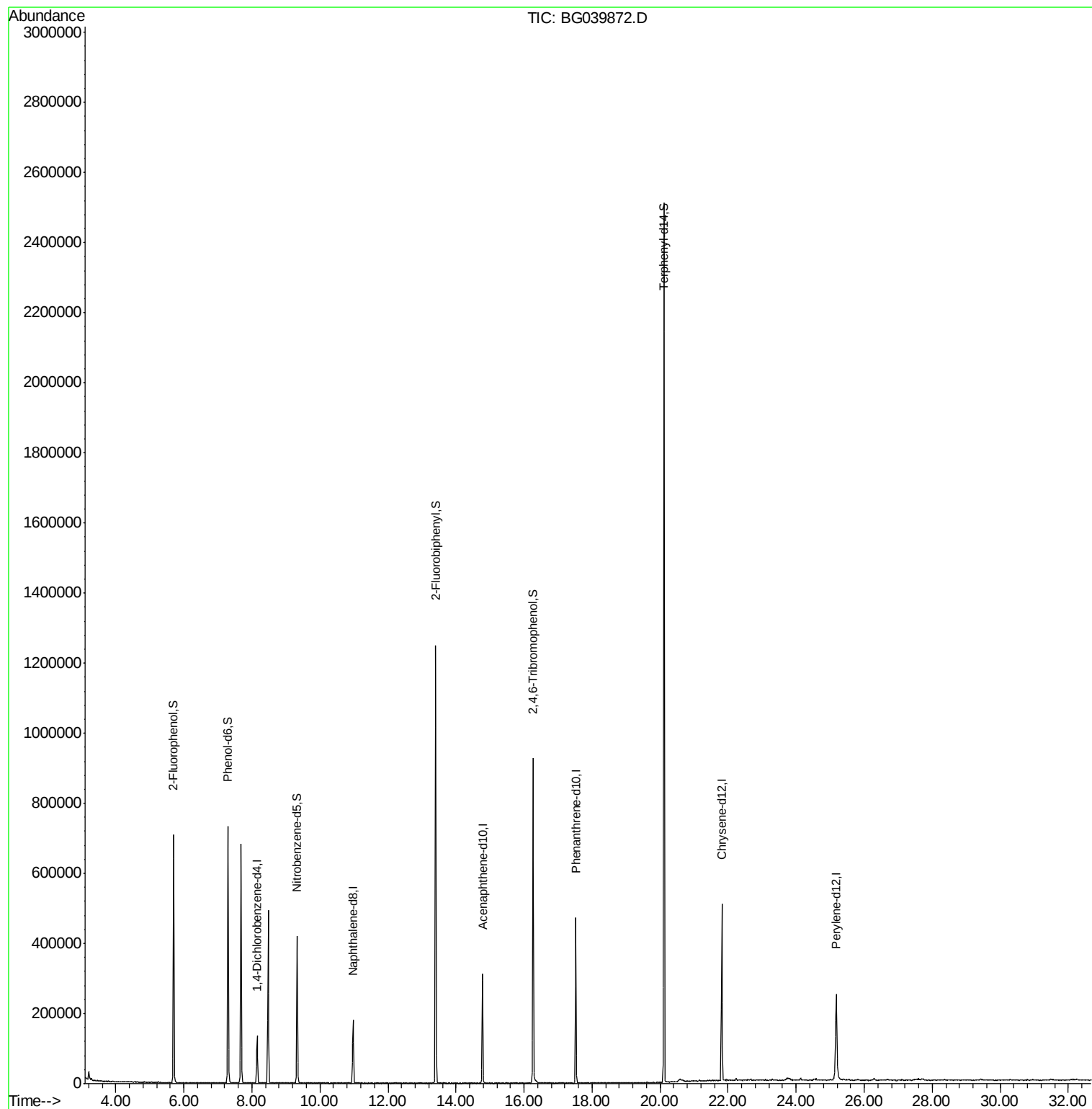
Target Compounds Qvalue

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

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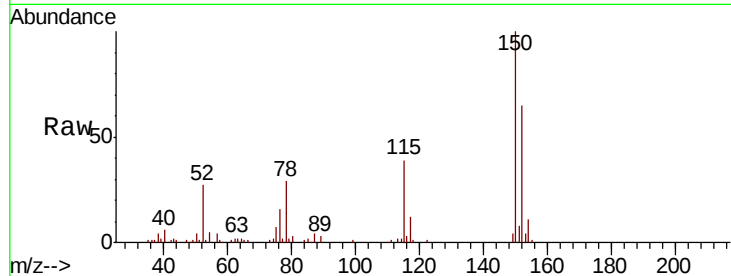


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. 0.00 min
Lab File: BG039872.D
Acq: 12 Mar 2019 13:37

Instrument :
BNA_G
ClientSampleId :
PB117825BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.7	185.5
115	59.5	45.9	68.9

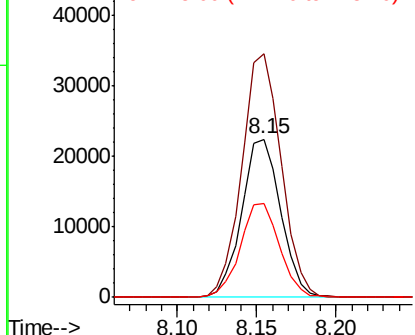
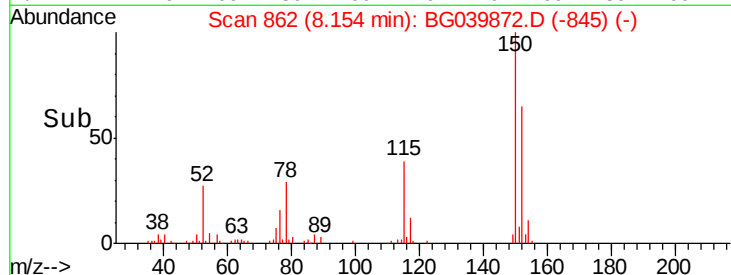


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

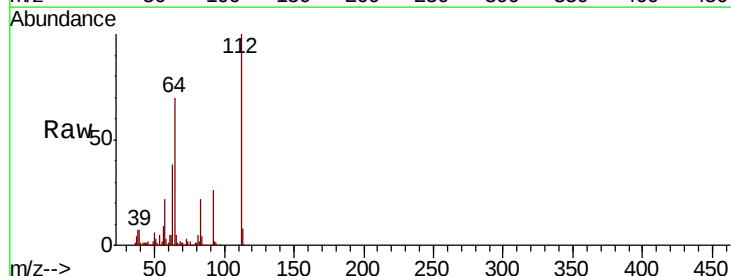
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.303 ng
RT: 5.70 min Scan# 444
Delta R.T. 0.00 min
Lab File: BG039872.D
Acq: 12 Mar 2019 13:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	57.8	86.8
63	37.9	29.8	44.6

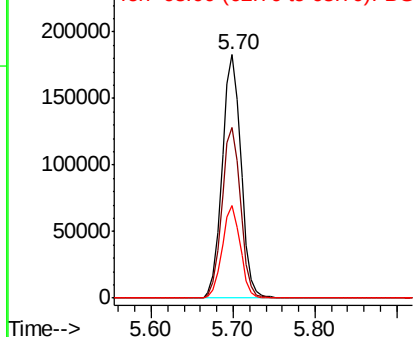
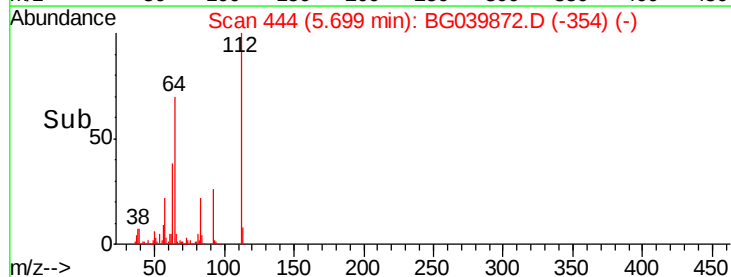


Abundance

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: 125.966 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG039872.D

Acq: 12 Mar 2019 13:37

Instrument :

BNA_G

ClientSampleId :

PB117825BL

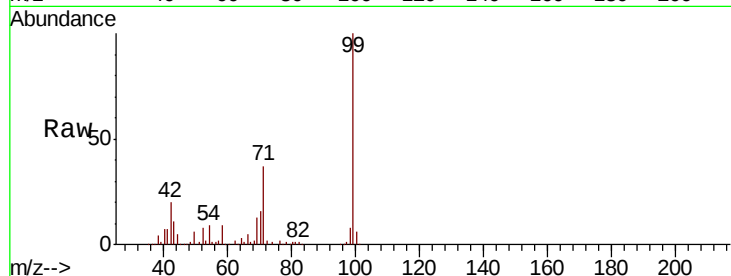
Tot Ion: 99 Resp: 421477

Ion Ratio Lower Upper

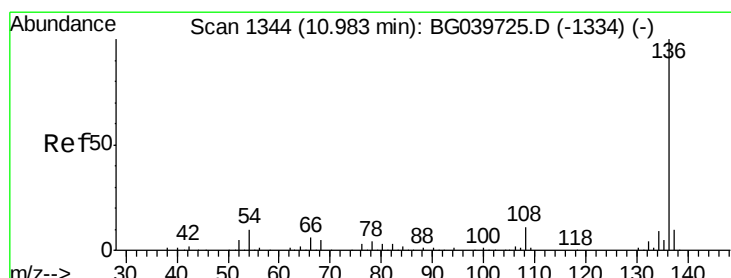
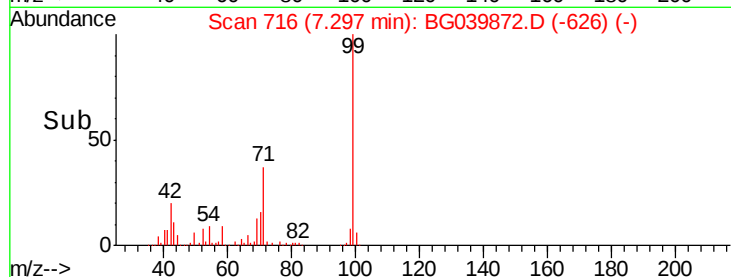
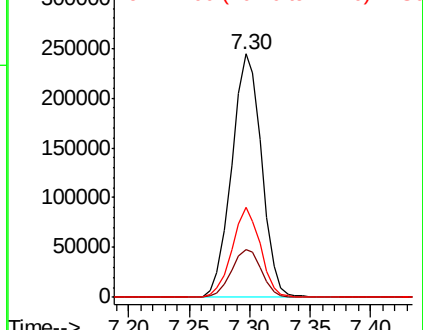
99 100

42 19.8 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# 1342

Delta R.T. 0.00 min

Lab File: BG039872.D

Acq: 12 Mar 2019 13:37

Tgt Ion: 136 Resp: 157196

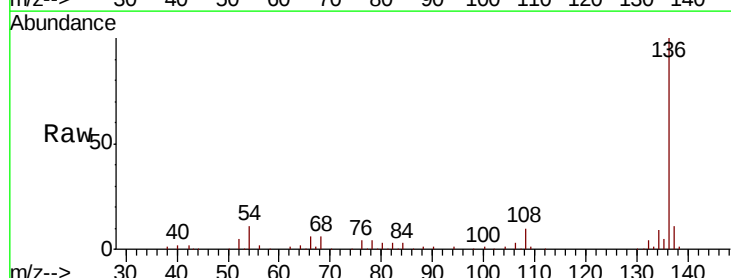
Ion Ratio Lower Upper

136 100

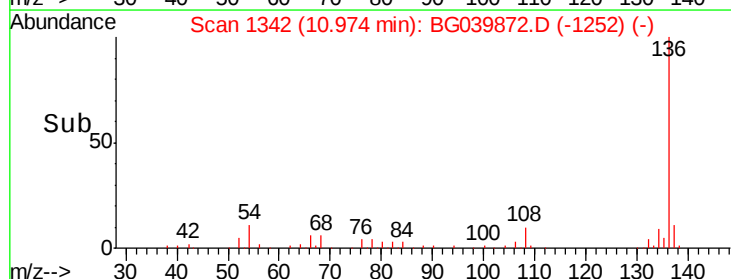
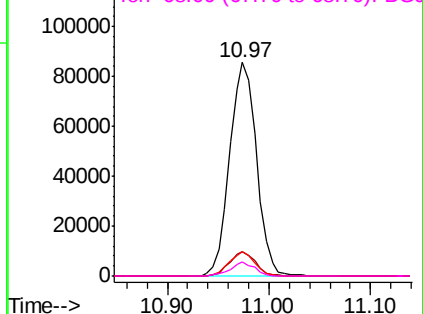
137 11.2 9.1 13.7

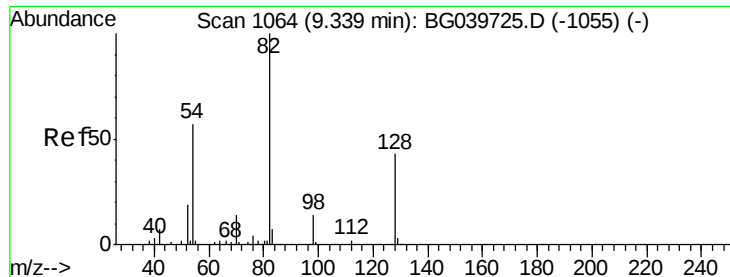
54 11.4 9.4 14.2

68 6.4 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

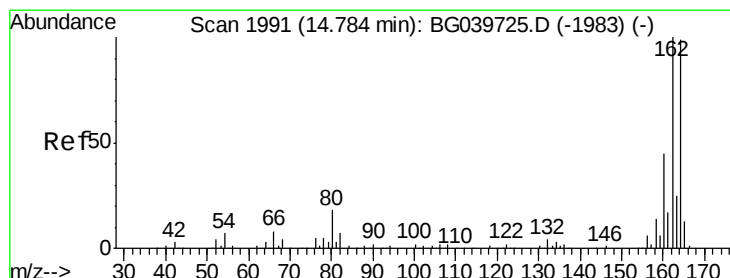
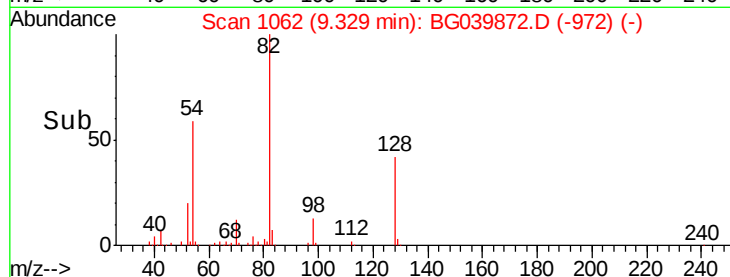
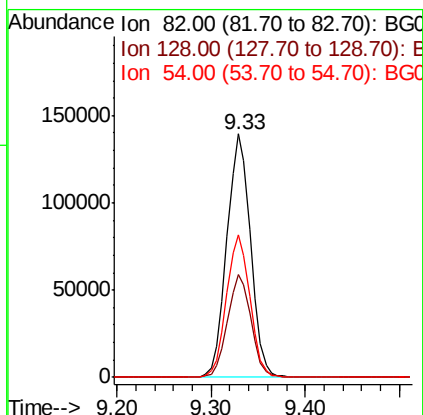
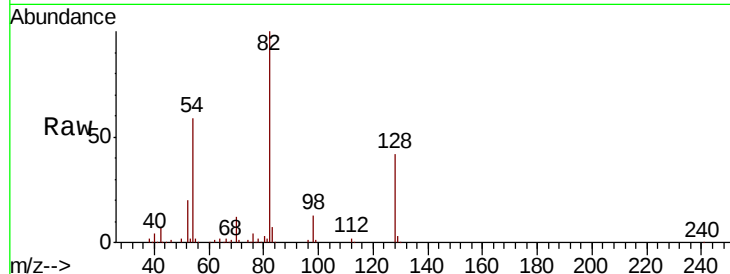




#23
 Nitrobenzene-d5
 Concen: 83.988 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG039872.D
 Acq: 12 Mar 2019 13:37

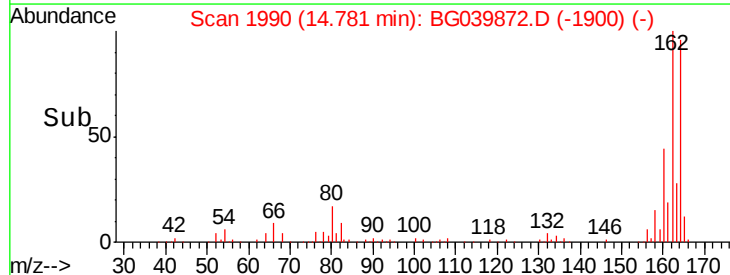
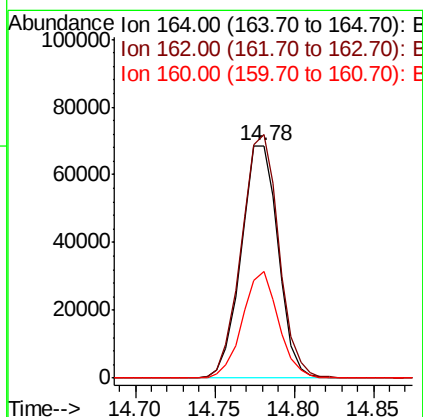
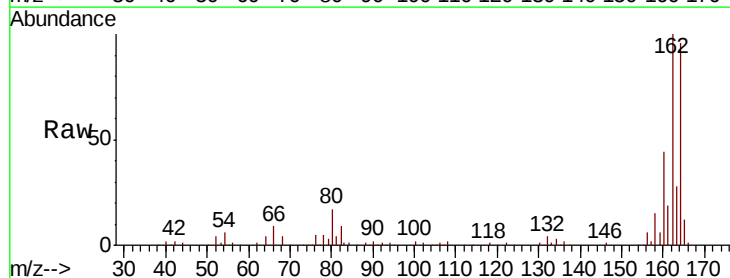
Instrument :
 BNA_G
 ClientSampleId :
 PB117825BL

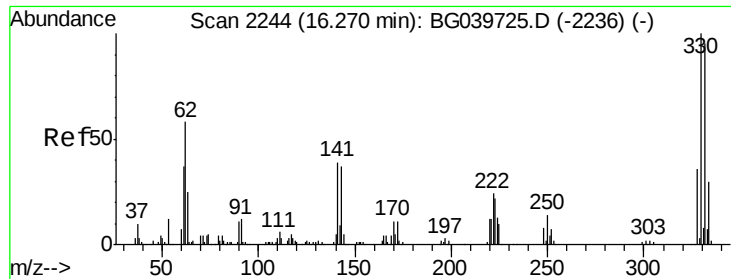
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.3	46.9
54	58.6	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BG039872.D
 Acq: 12 Mar 2019 13:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.6	122.4
160	45.7	34.2	51.2

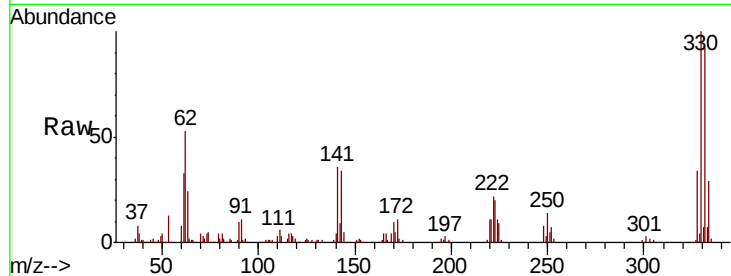




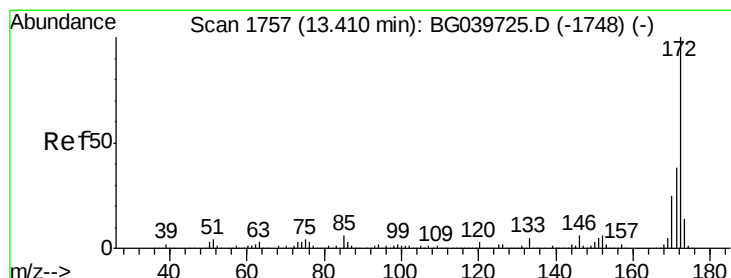
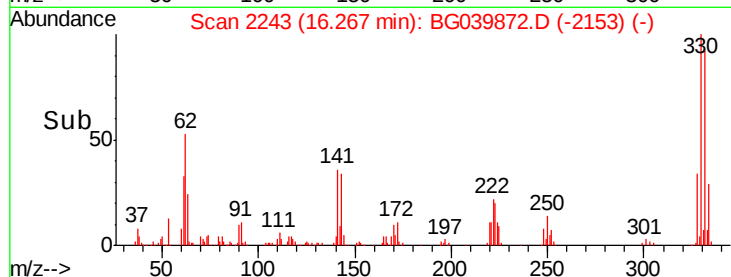
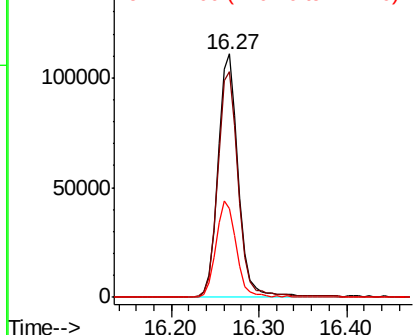
#42
 2,4,6-Tribromophenol
 Concen: 137.470 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: BG039872.D
 Acq: 12 Mar 2019 13:37

Instrument :
 BNA_G
 ClientSampleId :
 PB117825BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.7	113.5
141	40.0	35.6	53.4

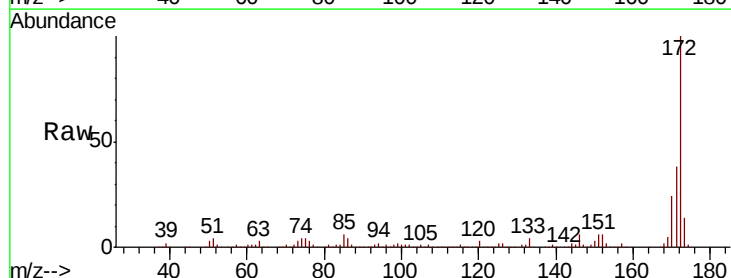


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

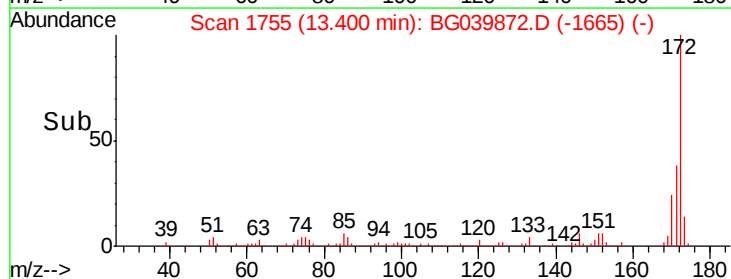
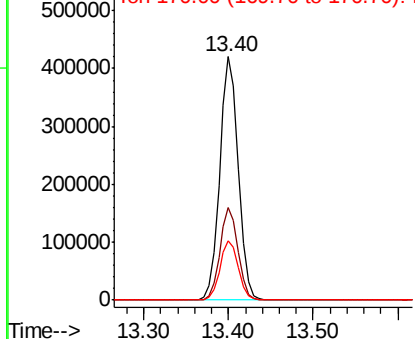


#45
 2-Fluorobiphenyl
 Concen: 81.637 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BG039872.D
 Acq: 12 Mar 2019 13:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	24.4	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

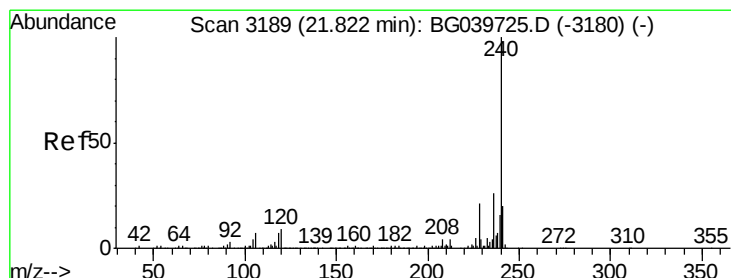
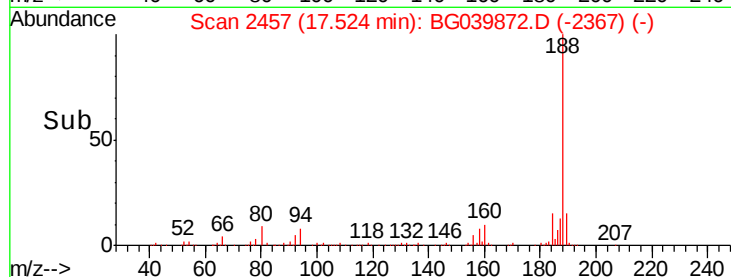
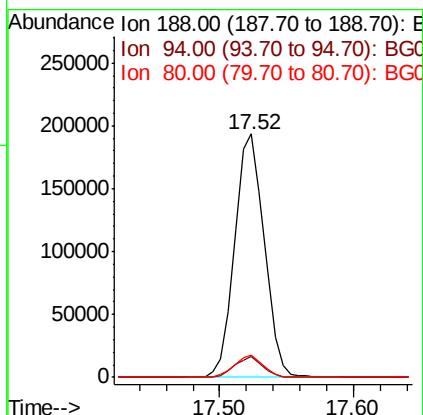
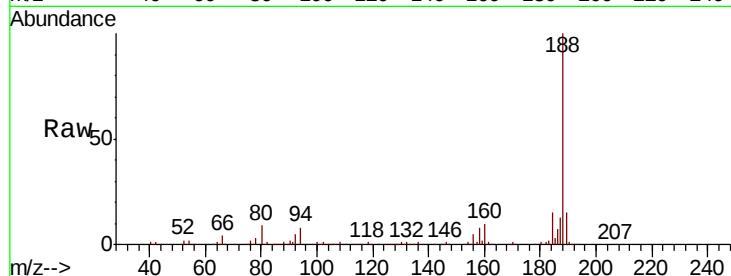




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG039872.D
Acq: 12 Mar 2019 13:37

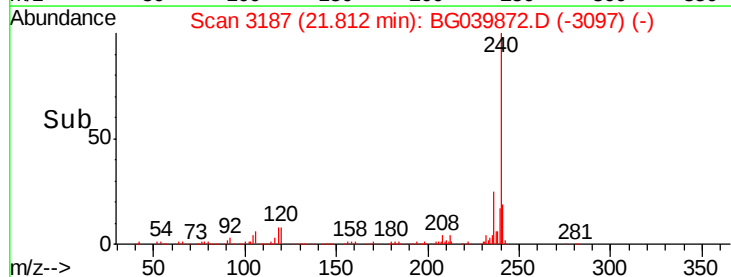
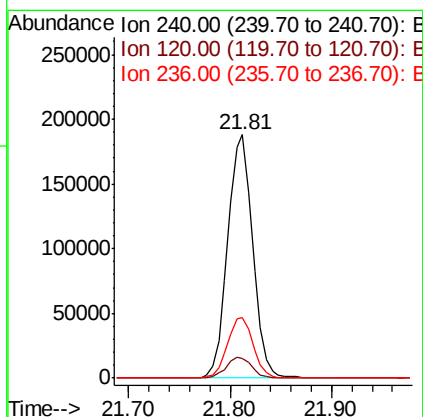
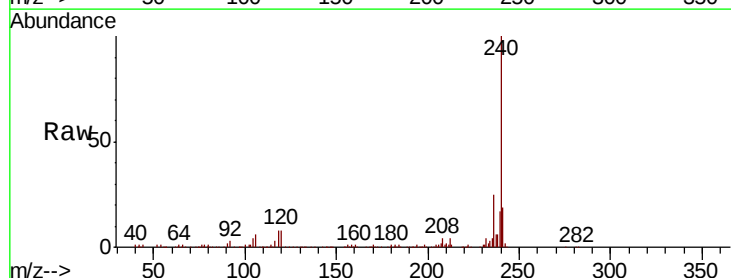
Instrument :
BNA_G
ClientSampleId :
PB117825BL

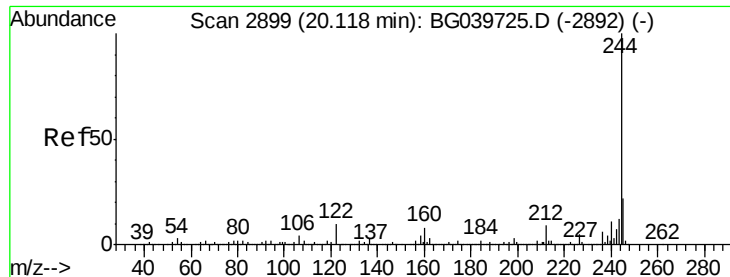
Tot Ion:188 Resp: 297120
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.1 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. 0.00 min
Lab File: BG039872.D
Acq: 12 Mar 2019 13:37

Tgt Ion:240 Resp: 322400
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 25.1 21.0 31.4





#79

Terphenyl-d14

Concen: 79.524 ng

RT: 20.11 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG039872.D

Acq: 12 Mar 2019 13:37

Instrument :

BNA_G

ClientSampleId :

PB117825BL

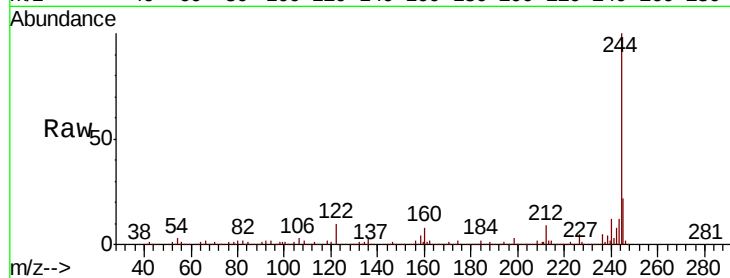
Tot Ion:244 Resp: 1164434

Ion Ratio Lower Upper

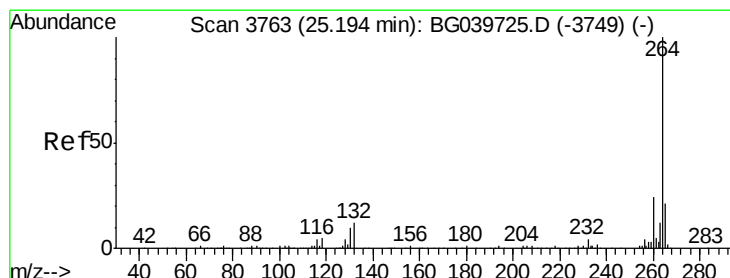
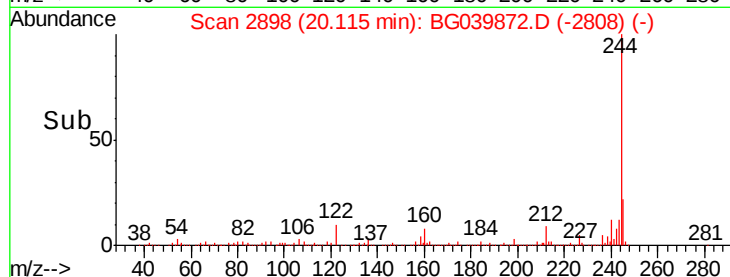
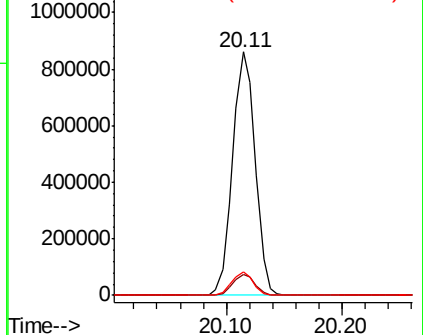
244 100

212 8.7 7.3 10.9

122 9.7 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# 3760

Delta R.T. -0.01 min

Lab File: BG039872.D

Acq: 12 Mar 2019 13:37

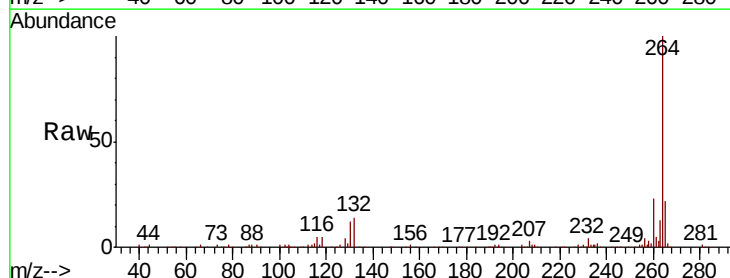
Tgt Ion:264 Resp: 307076

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 22.4 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

