

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030819\
 Data File : BG039828.D
 Acq On : 8 Mar 2019 19:34
 Operator : JU/SJ
 Sample : PB117735BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117735BL

Quant Time: Mar 09 00:36:06 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	40438	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	175959	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	127921	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	328281	20.00	ng	0.00
76) Chrysene-d12	21.81	240	347895	20.00	ng	-0.02
87) Perylene-d12	25.18	264	337076	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	232913	98.26	ng	0.00
7) Phenol-d6	7.30	99	341405	96.60	ng	-0.02
23) Nitrobenzene-d5	9.33	82	188858	58.05	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	127353	85.41	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	518163	57.67	ng	-0.02
79) Terphenyl-d14	20.11	244	890176	56.34	ng	0.00

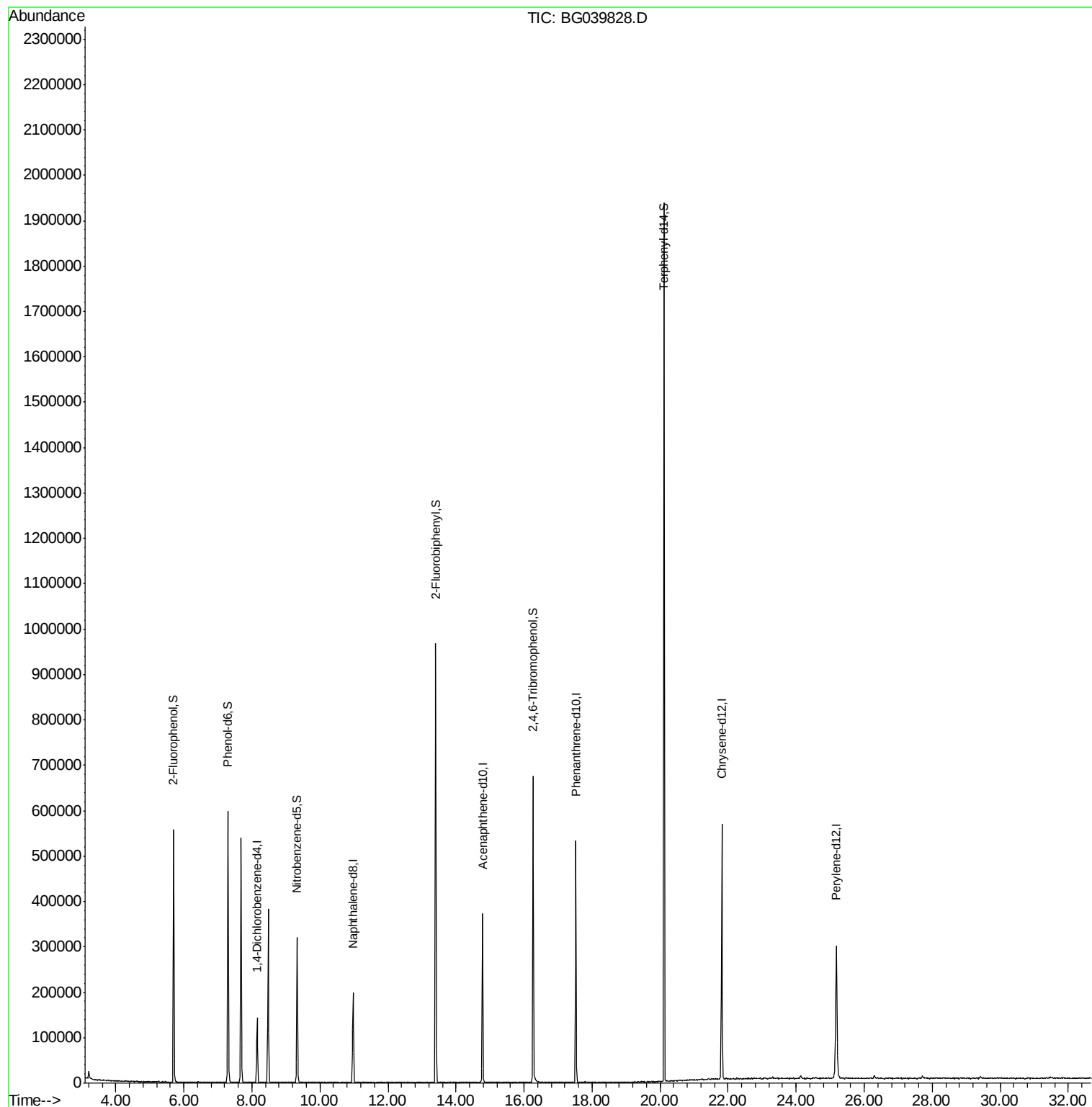
Target Compounds	Qvalue
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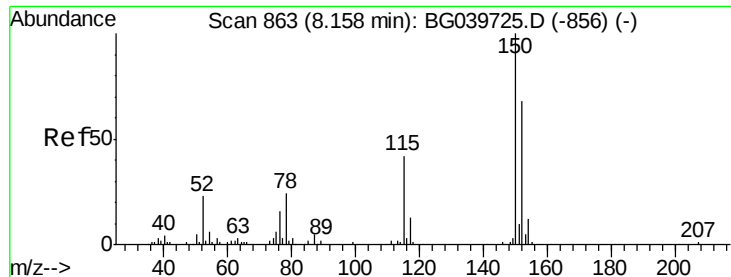
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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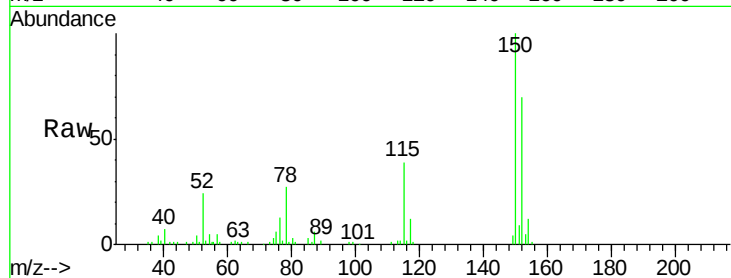


#1

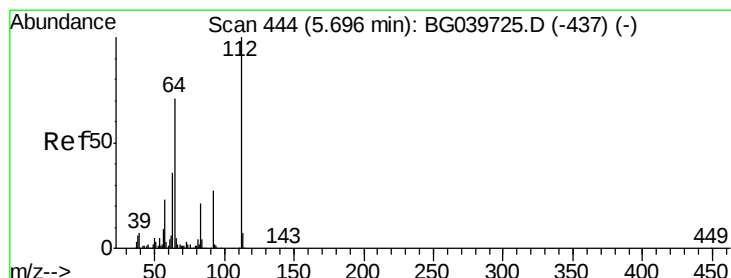
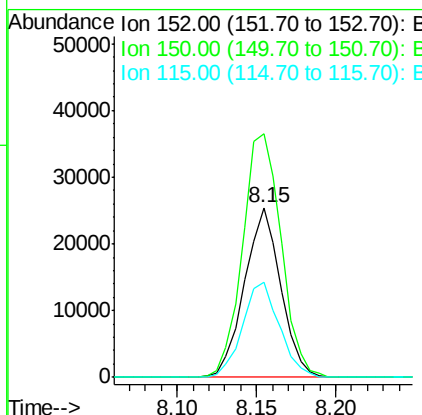
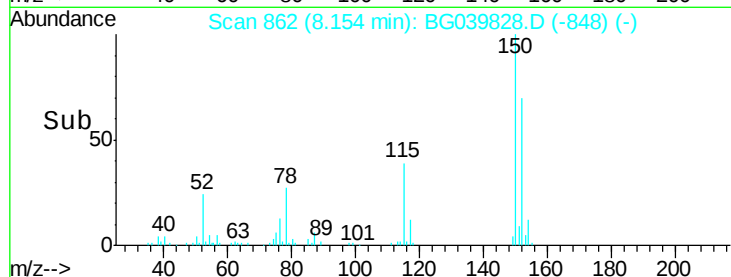
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039828.D
Acq: 8 Mar 2019 19:34

Instrument :
BNA_G
ClientSampleId :
PB117735BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	143.4	123.7	185.5
115	56.2	45.9	68.9



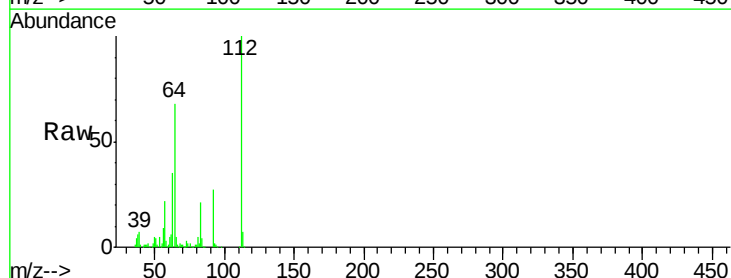
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



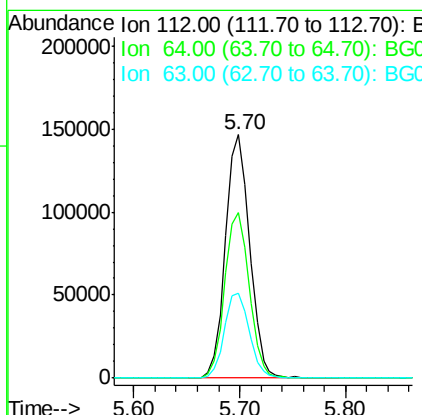
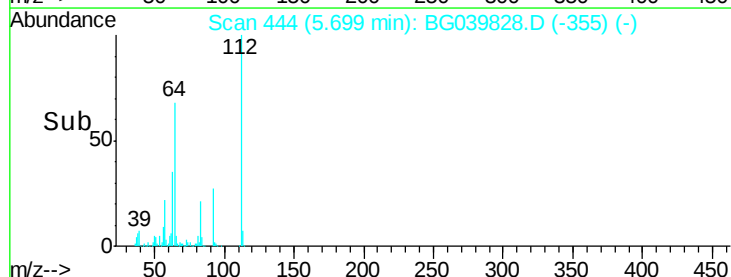
#5

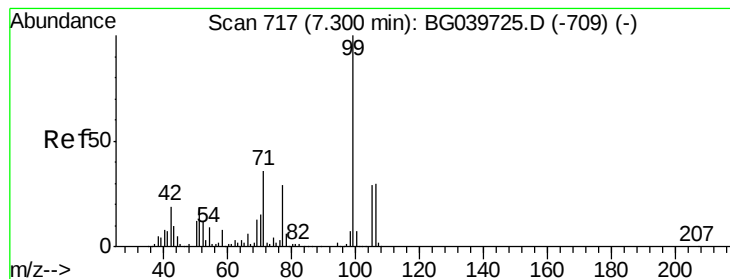
2-Fluorophenol
Concen: 98.262 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039828.D
Acq: 8 Mar 2019 19:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	57.8	86.8
63	35.0	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: 96.598 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

Instrument :

BNA_G

ClientSampleId :

PB117735BL

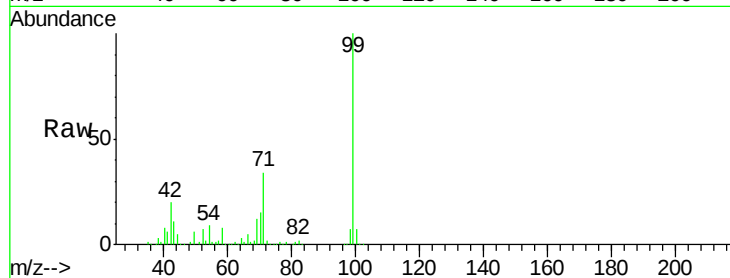
Tgt Ion: 99 Resp: 341405

Ion Ratio Lower Upper

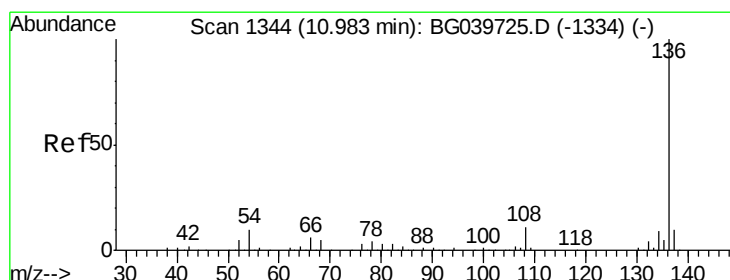
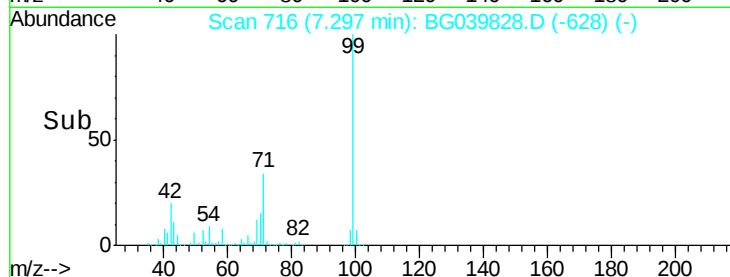
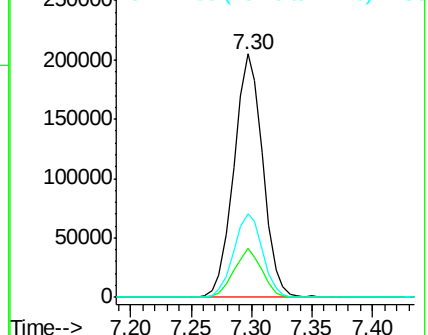
99 100

42 20.2 18.2 27.2

71 34.1 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: BG039828.D

Acq: 8 Mar 2019 19:34

Tgt Ion: 136 Resp: 175959

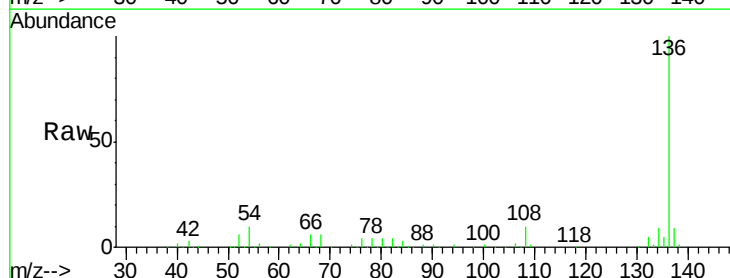
Ion Ratio Lower Upper

136 100

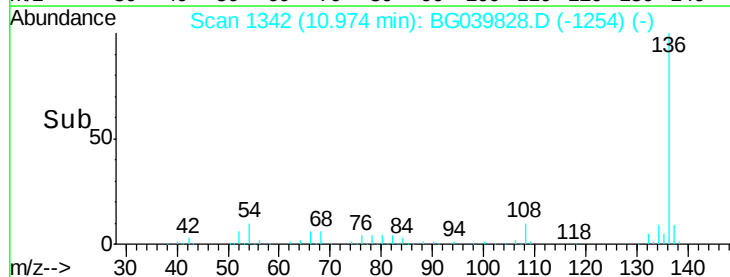
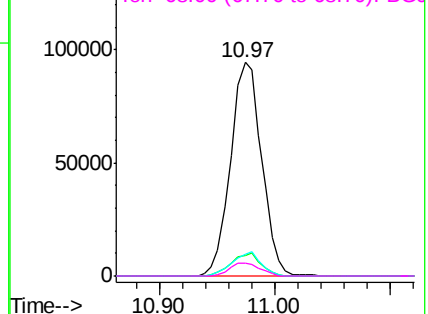
137 9.5 9.1 13.7

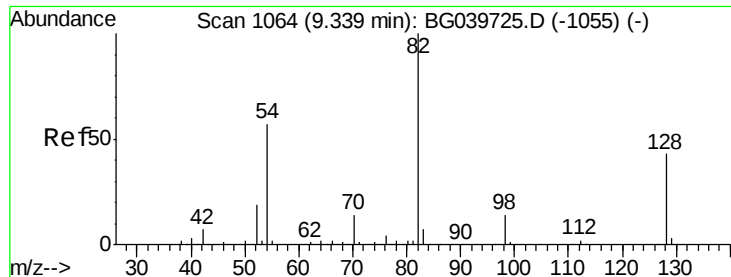
54 10.5 9.4 14.2

68 6.2 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

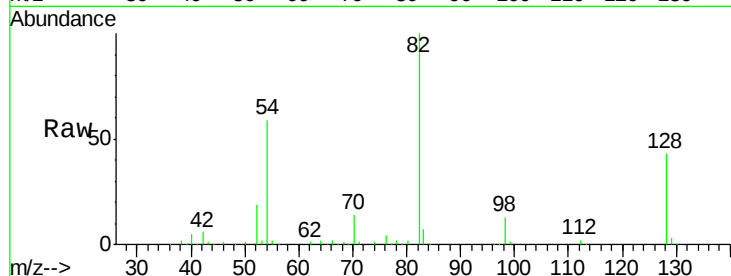




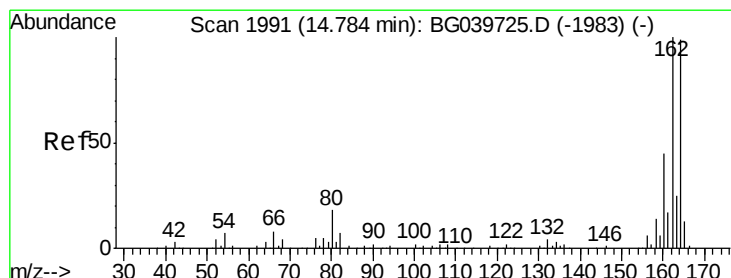
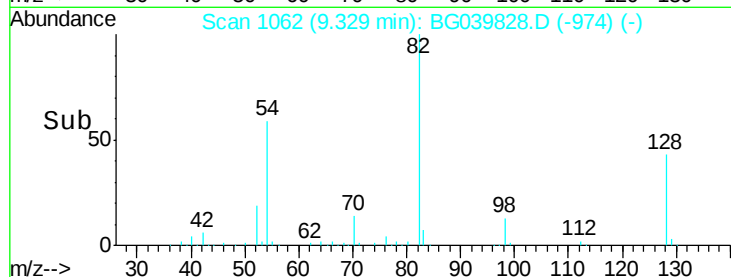
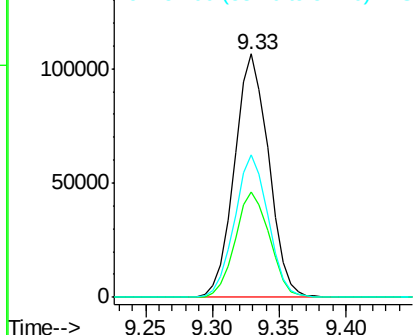
#23
 Nitrobenzene-d5
 Concen: 58.049 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039828.D
 Acq: 8 Mar 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :
 PB117735BL

Tgt Ion: 82 Resp: 188858
 Ion Ratio Lower Upper
 82 100
 128 43.1 31.3 46.9
 54 58.7 50.9 76.3

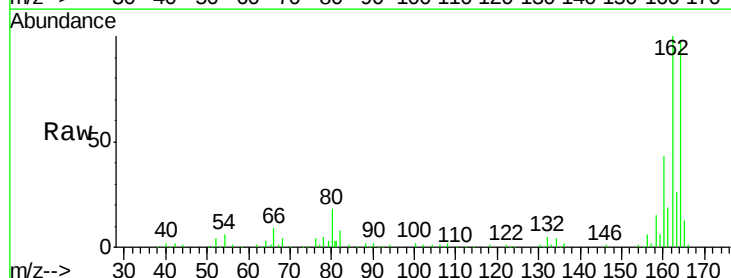


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

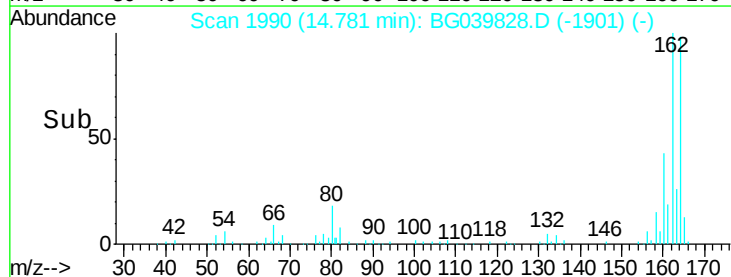
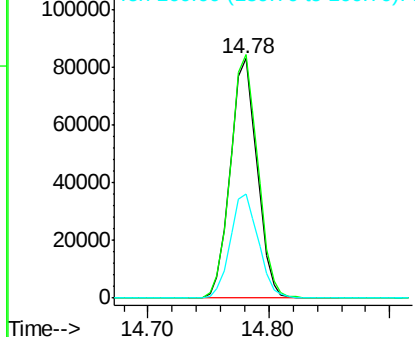


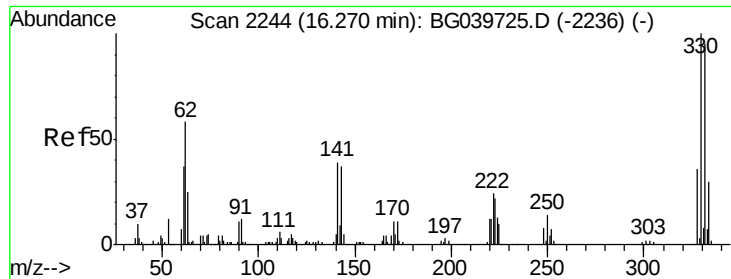
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039828.D
 Acq: 8 Mar 2019 19:34

Tgt Ion: 164 Resp: 127921
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.6 122.4
 160 43.5 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

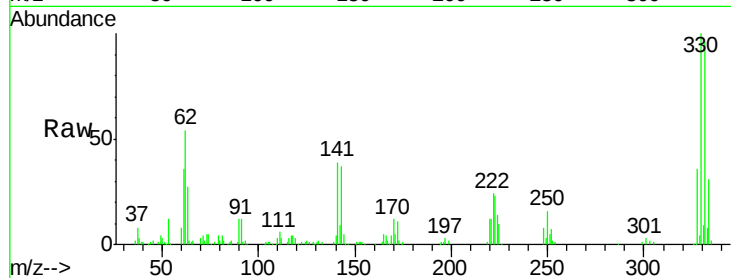




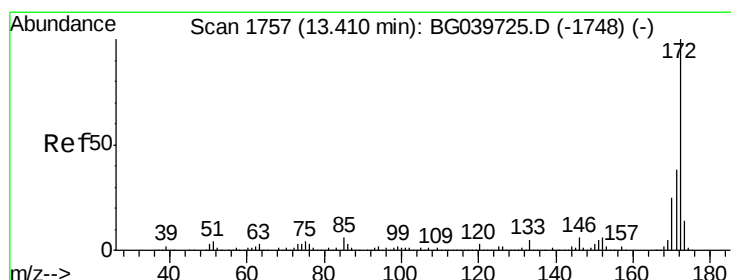
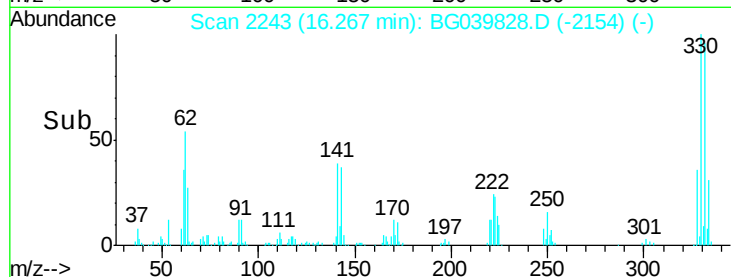
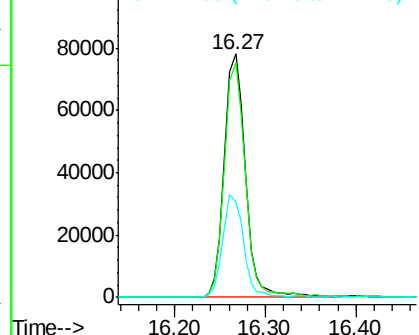
#42
 2,4,6-Tribromophenol
 Concen: 85.414 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039828.D
 Acq: 8 Mar 2019 19:34

Instrument :
 BNA_G
 ClientSampled :
 PB117735BL

Tgt Ion:330 Resp: 127353
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.7 113.5
 141 41.3 35.6 53.4

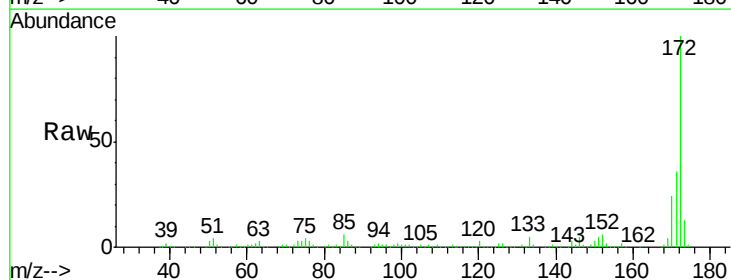


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

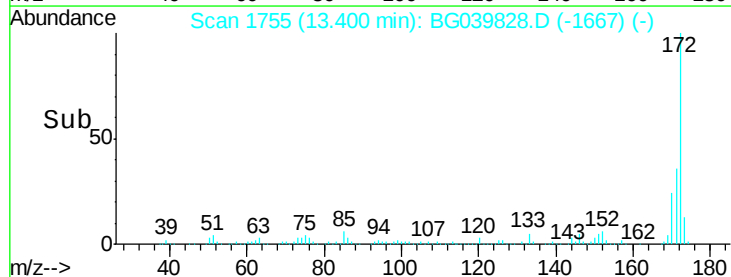
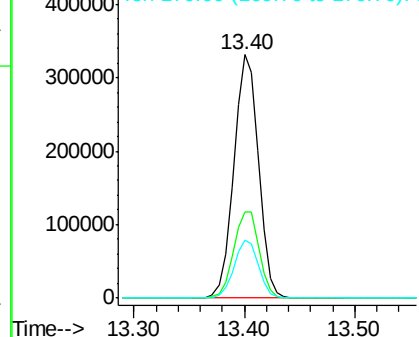


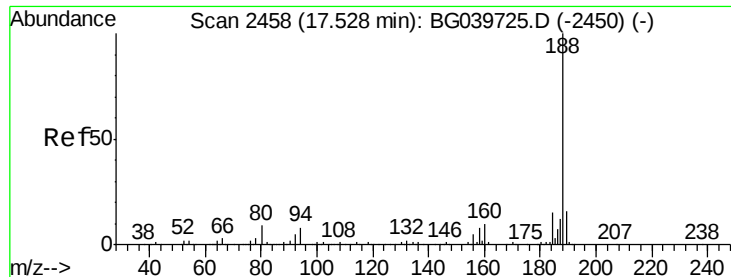
#45
 2-Fluorobiphenyl
 Concen: 57.674 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039828.D
 Acq: 8 Mar 2019 19:34

Tgt Ion:172 Resp: 518163
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.8 46.2
 170 23.9 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: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

Instrument :

BNA_G

ClientSampleId :

PB117735BL

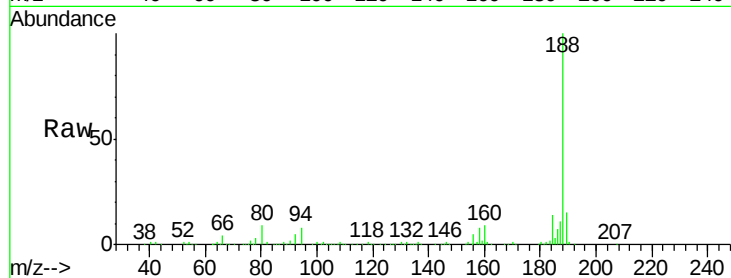
Tgt Ion:188 Resp: 328281

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

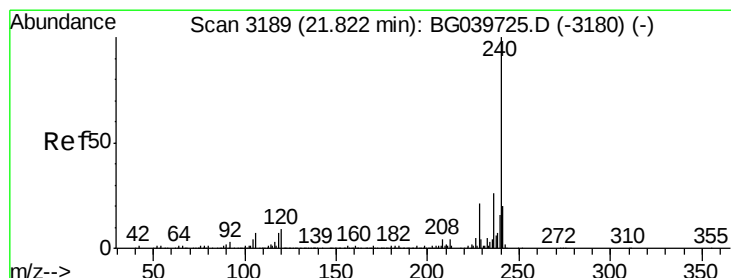
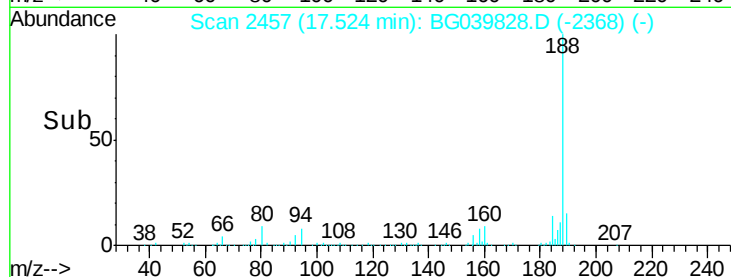
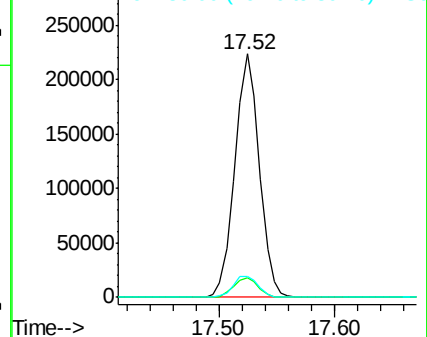
80 8.8 8.1 12.1



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: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

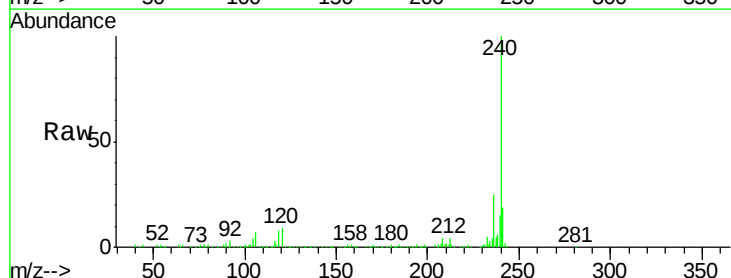
Tgt Ion:240 Resp: 347895

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

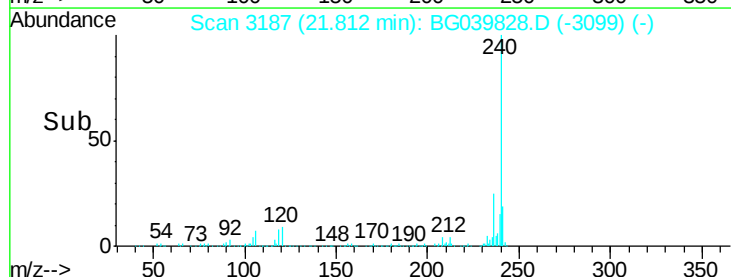
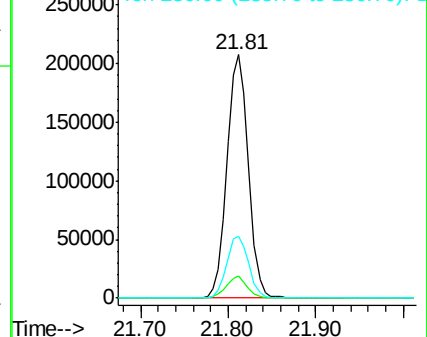
236 25.4 21.0 31.4

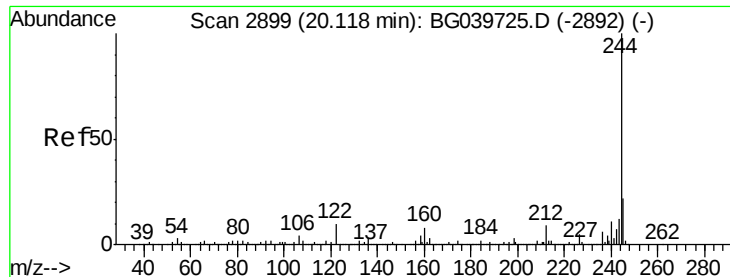


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 56.339 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

Instrument :

BNA_G

ClientSampleId :

PB117735BL

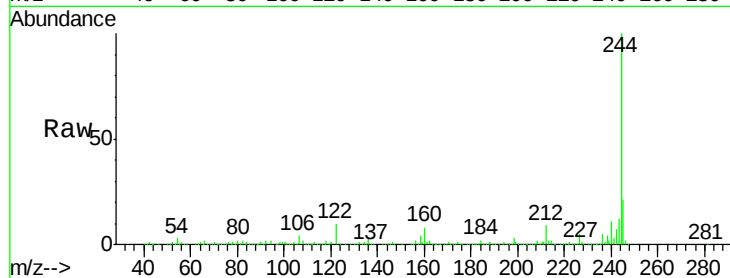
Tgt Ion:244 Resp: 890176

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

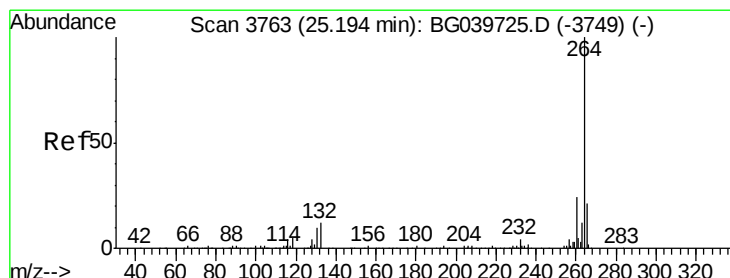
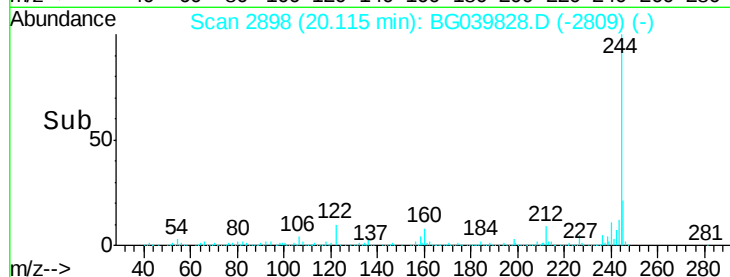
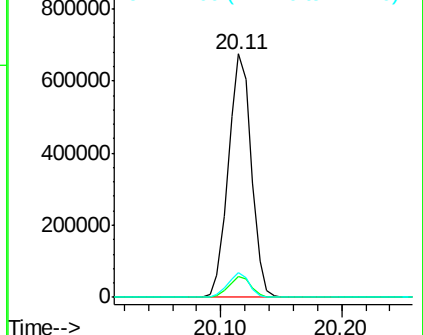
122 10.3 8.4 12.6



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. -0.02 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

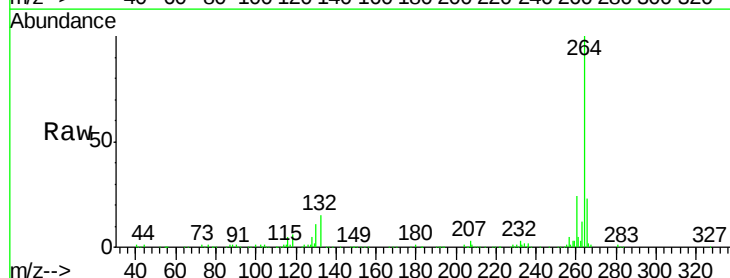
Tgt Ion:264 Resp: 337076

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 22.6 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

