

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040004.D
 Acq On : 19 Mar 2019 16:00
 Operator : JU/SJ
 Sample : PB118018BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118018BL

Quant Time: Mar 20 04:24:26 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	8.14	152	43756	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	187062	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	121633	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	288194	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	312448	20.00	ng	-0.03
87) Perylene-d12	25.16	264	306394	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	338958	132.16	ng	-0.02
7) Phenol-d6	7.29	99	480469	125.64	ng	-0.02
23) Nitrobenzene-d5	9.32	82	292018	84.43	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	174277	122.93	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	706743	82.73	ng	-0.02
79) Terphenyl-d14	20.11	244	1078345	75.99	ng	-0.02

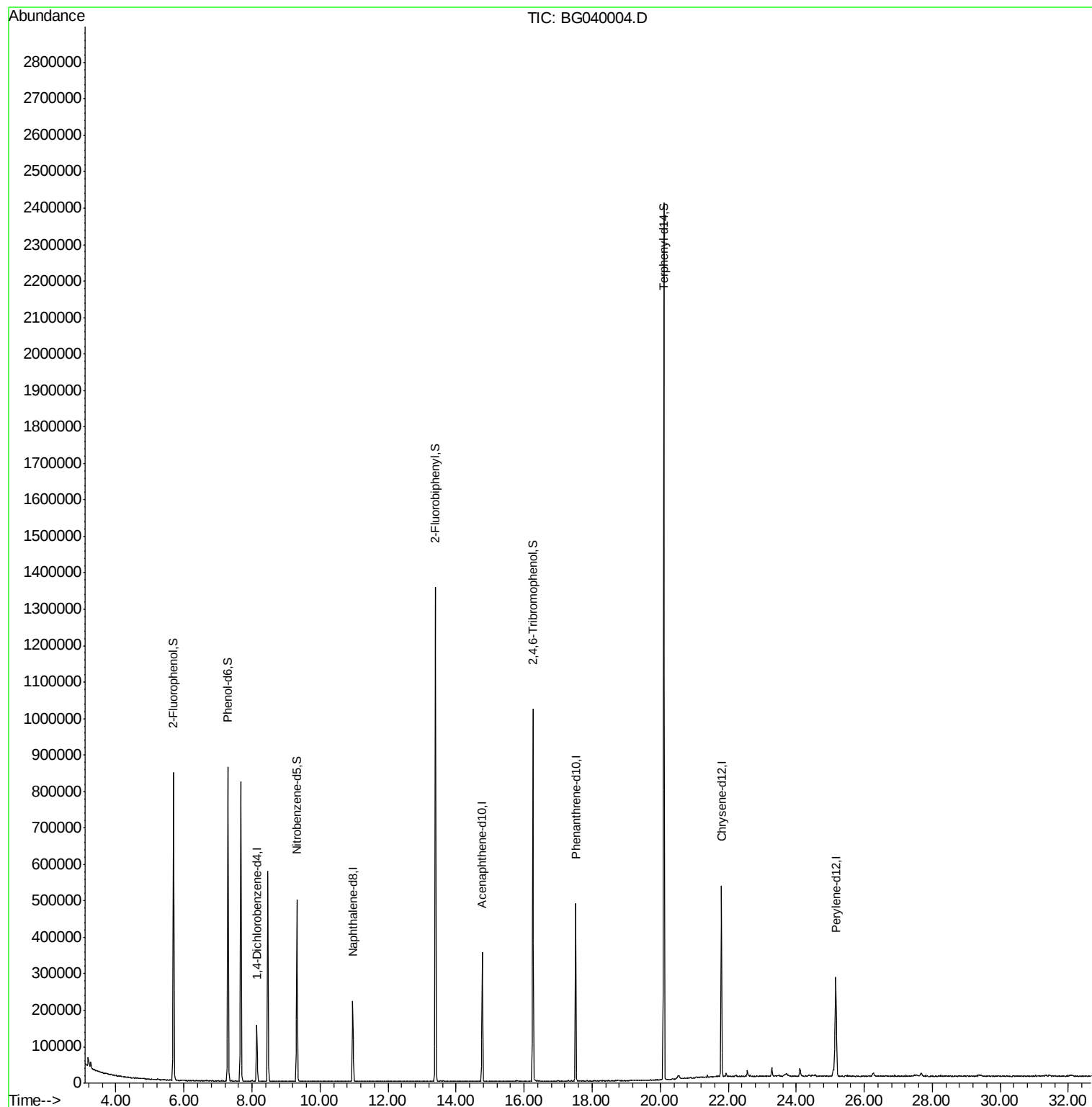
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB118018BL

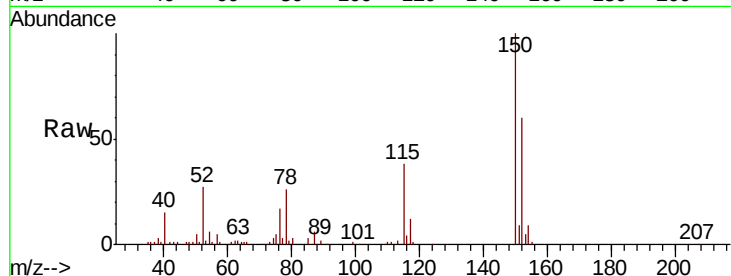
Tot Ion:152 Resp: 43756

Ion Ratio Lower Upper

152 100

150 165.8 123.7 185.5

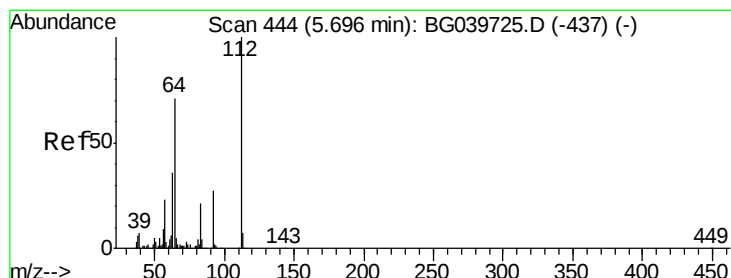
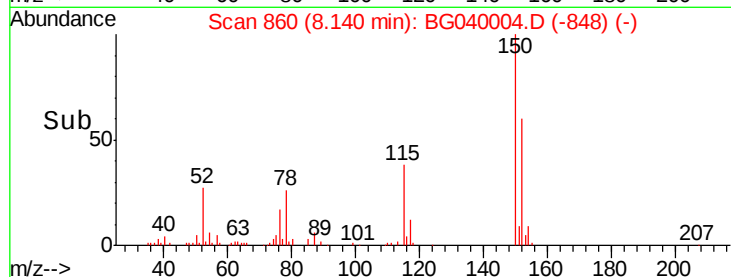
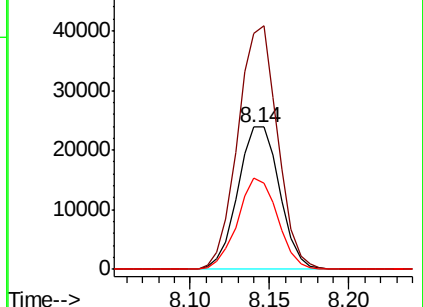
115 63.8 45.9 68.9



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: 132.157 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

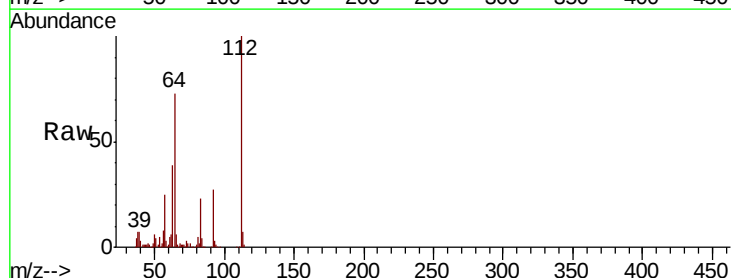
Tgt Ion:112 Resp: 338958

Ion Ratio Lower Upper

112 100

64 73.3 57.8 86.8

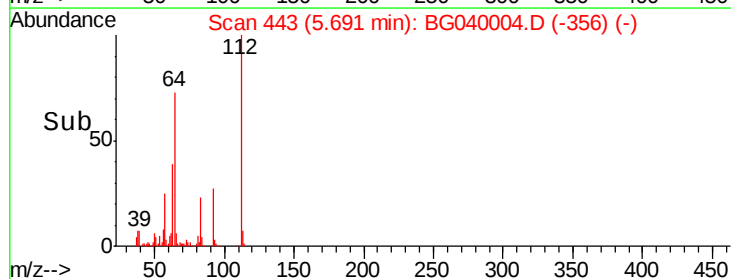
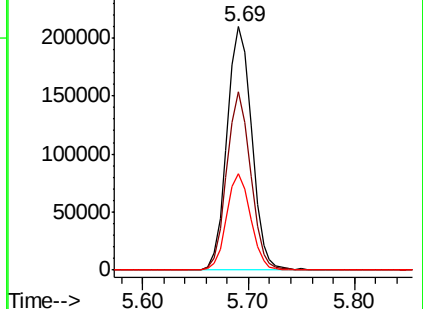
63 39.5 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 125.636 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB118018BL

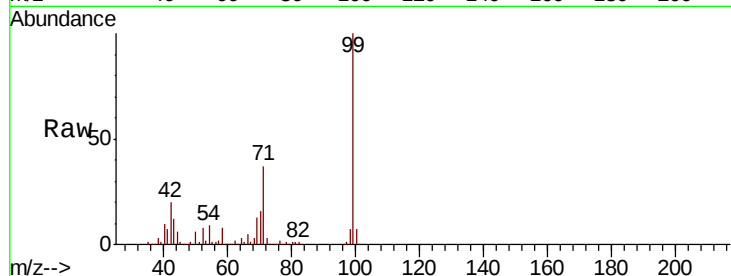
Tot Ion: 99 Resp: 480469

Ion Ratio Lower Upper

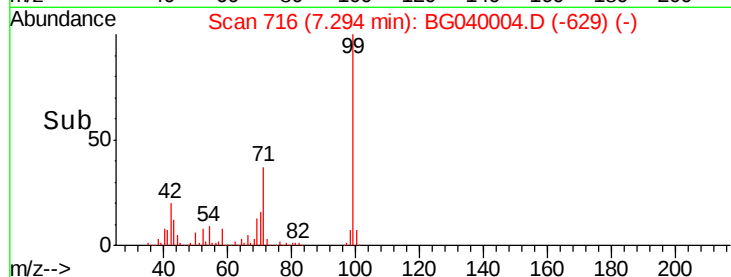
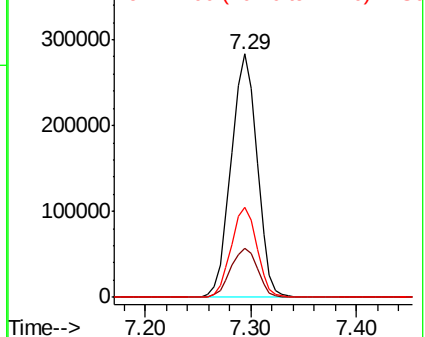
99 100

42 20.1 18.2 27.2

71 37.1 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# 1341

Delta R.T. -0.02 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

Tgt Ion: 136 Resp: 187062

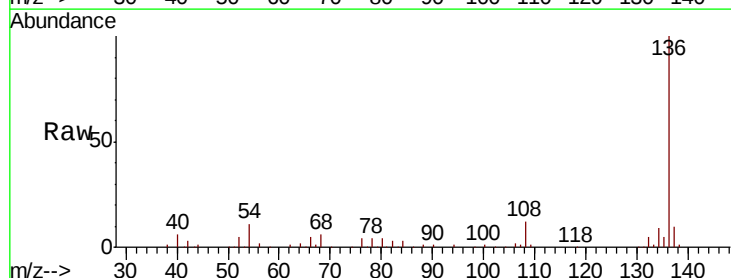
Ion Ratio Lower Upper

136 100

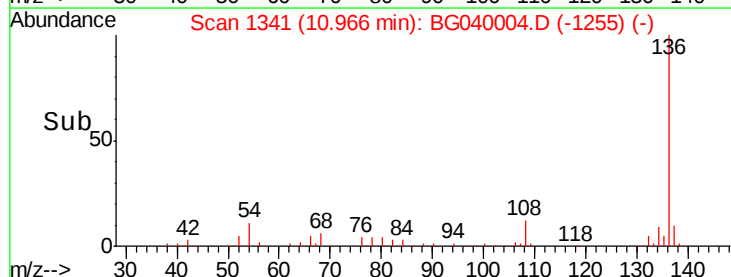
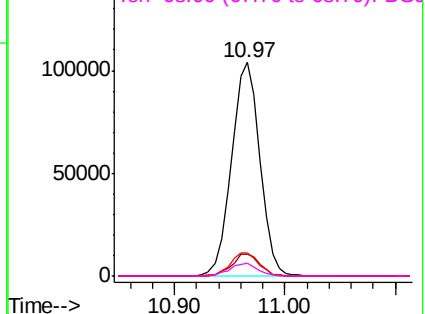
137 10.4 9.1 13.7

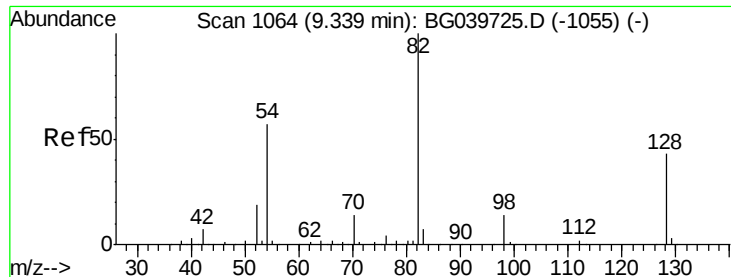
54 10.6 9.4 14.2

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

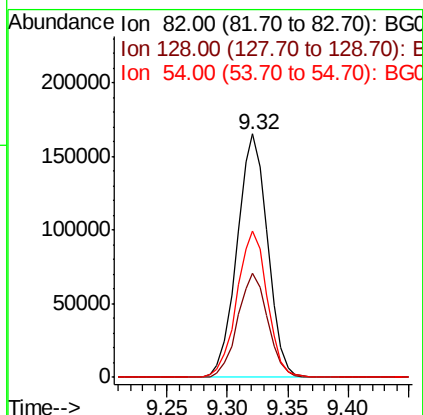
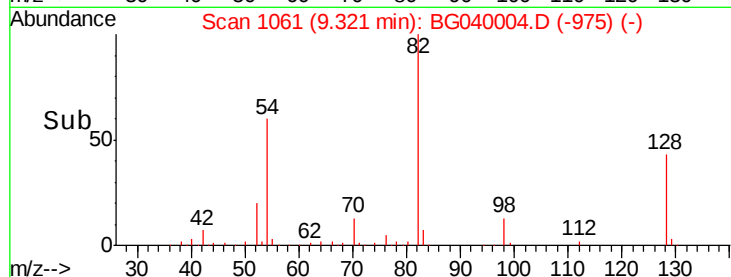
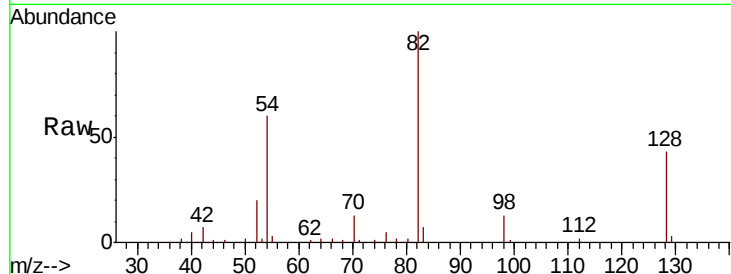




#23
 Nitrobenzene-d5
 Concen: 84.429 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040004.D
 Acq: 19 Mar 2019 16:00

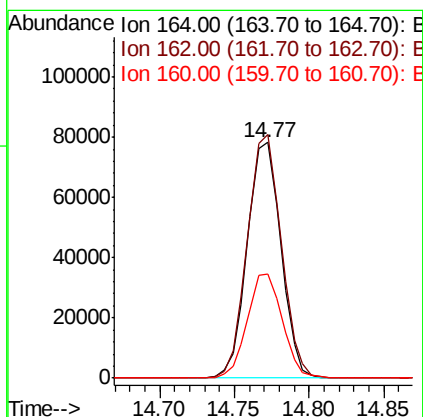
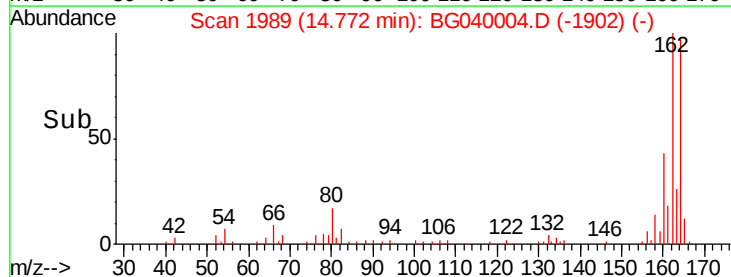
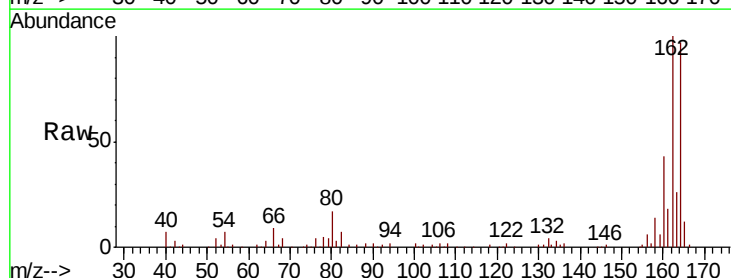
Instrument :
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 PB118018BL

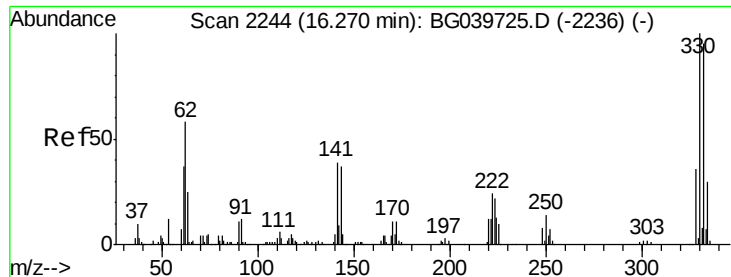
Tot Ion: 82 Resp: 292018
 Ion Ratio Lower Upper
 82 100
 128 42.8 31.3 46.9
 54 60.2 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG040004.D
 Acq: 19 Mar 2019 16:00

Tgt Ion: 164 Resp: 121633
 Ion Ratio Lower Upper
 164 100
 162 103.5 81.6 122.4
 160 44.2 34.2 51.2

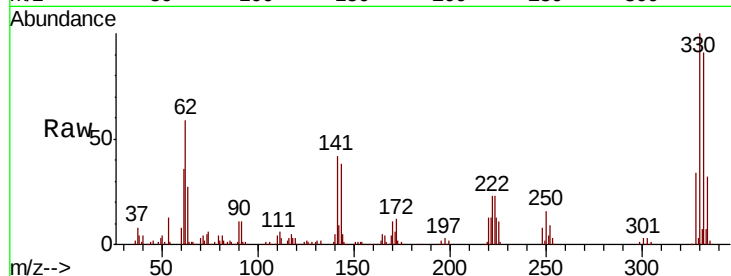




#42
 2,4,6-Tribromophenol
 Concen: 122.927 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040004.D
 Acq: 19 Mar 2019 16:00

Instrument :
 BNA_G
 ClientSampleId :
 PB118018BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	75.7	113.5
141	42.5	35.6	53.4

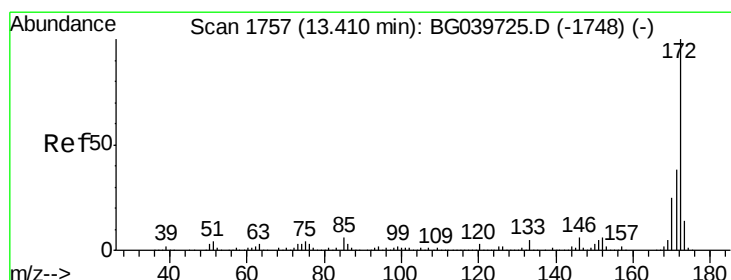
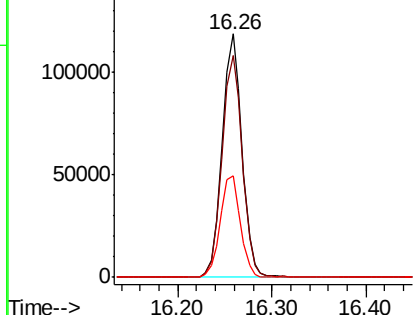
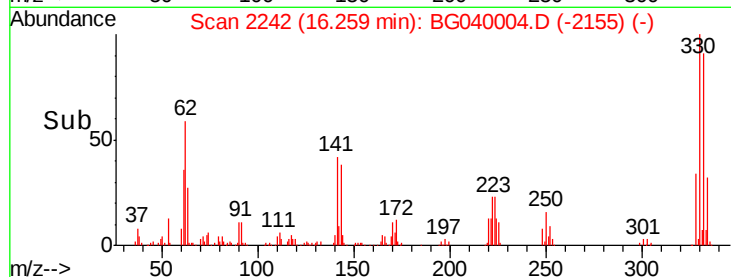


Abundance

Ion 329.80 (329.50 to 330.50): E

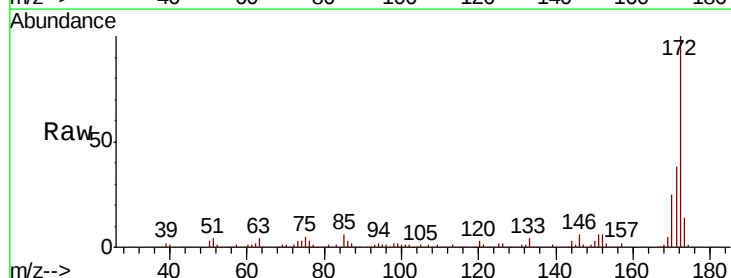
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.731 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040004.D
 Acq: 19 Mar 2019 16:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	25.0	20.2	30.4

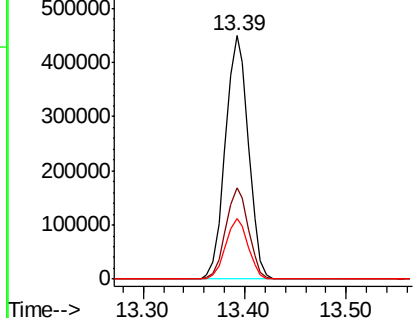
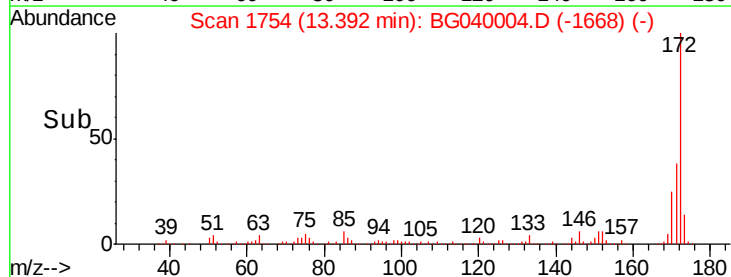


Abundance

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: BG040004.D

Acq: 19 Mar 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB118018BL

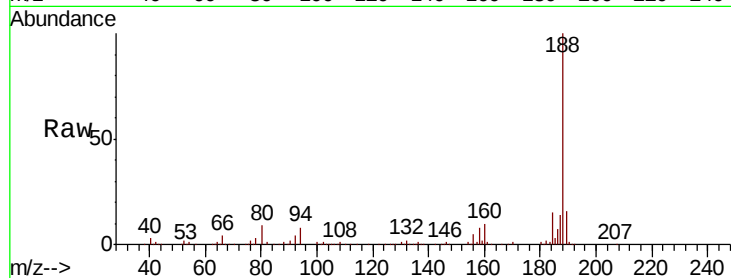
Tot Ion:188 Resp: 288194

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

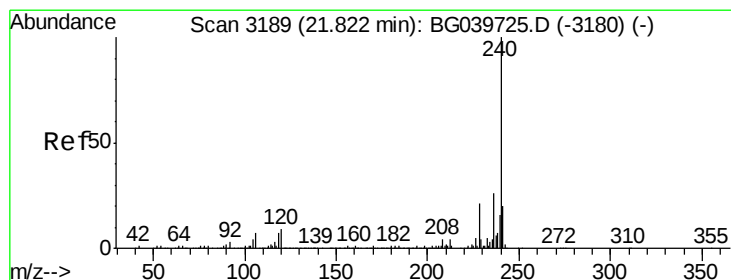
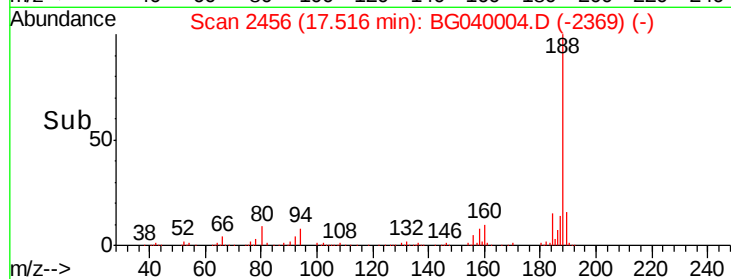
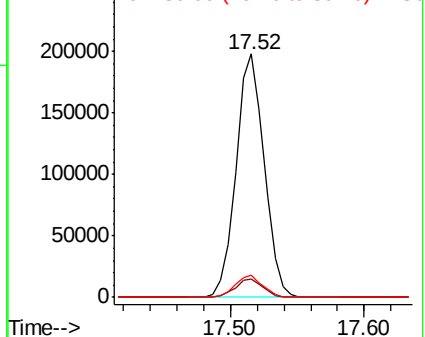
80 9.1 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BG040004.D

Acq: 19 Mar 2019 16:00

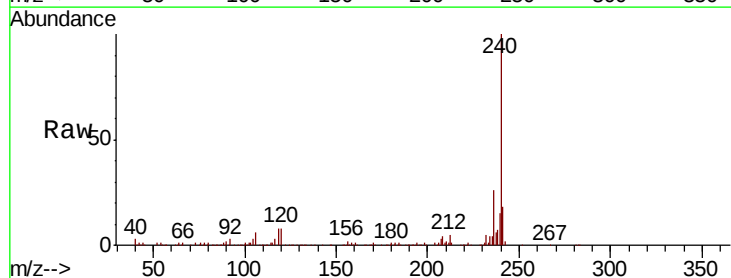
Tgt Ion:240 Resp: 312448

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

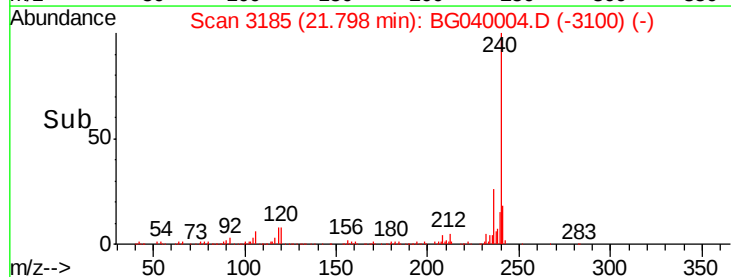
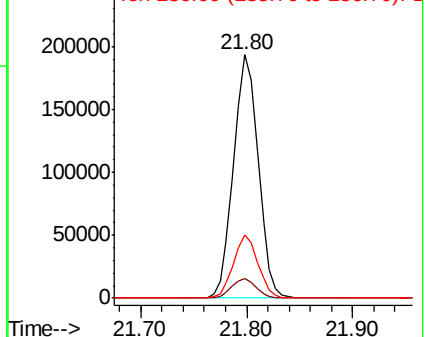
236 25.9 21.0 31.4

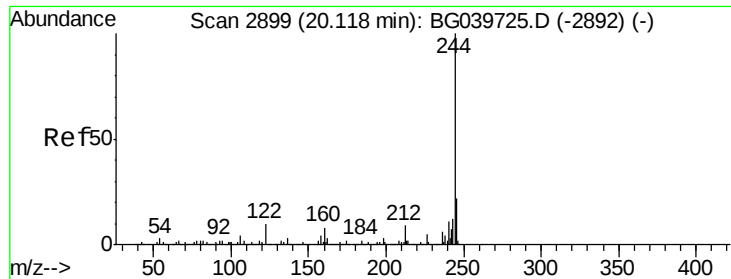


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.990 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

Instrument :

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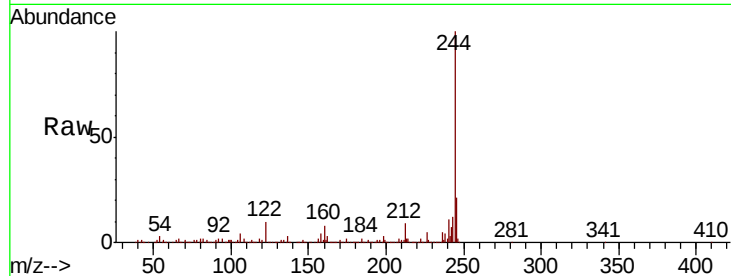
Tot Ion:244 Resp: 1078345

Ion Ratio Lower Upper

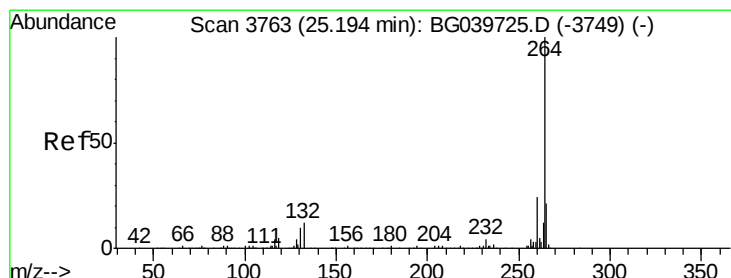
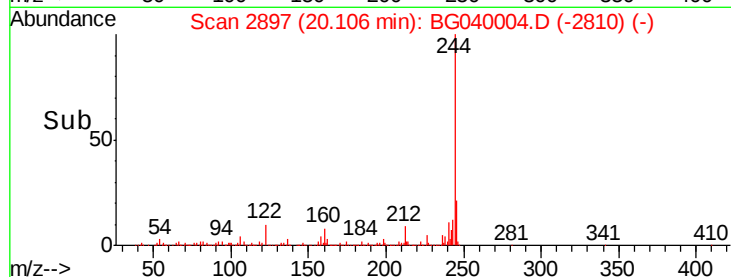
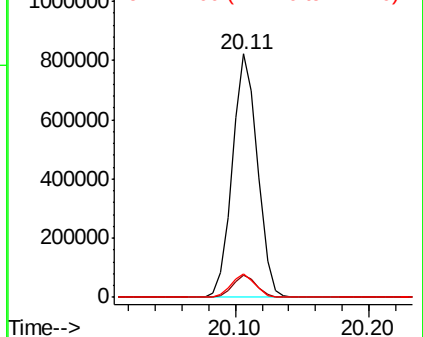
244 100

212 8.9 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: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

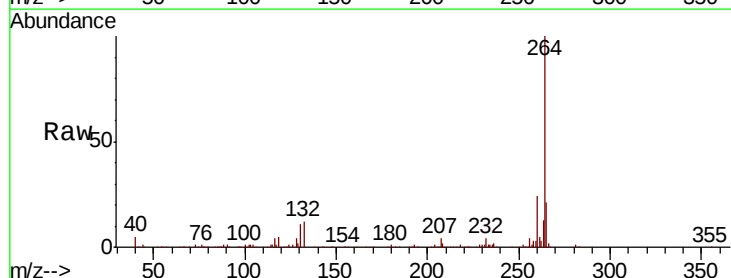
Tgt Ion:264 Resp: 306394

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 21.4 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

