

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040151.D
 Acq On : 26 Mar 2019 17:36
 Operator : JU/SJ
 Sample : PB118289TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118289TB

Quant Time: Mar 27 01:42:02 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	30242	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	129174	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	95144	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	259444	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	274022	20.00	ng	-0.03
87) Perylene-d12	25.15	264	261145	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	202496	114.23	ng	-0.02
7) Phenol-d6	7.28	99	291828	110.41	ng	-0.03
23) Nitrobenzene-d5	9.32	82	169585	71.00	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	120728	108.86	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	469610	70.28	ng	-0.03
79) Terphenyl-d14	20.10	244	882193	70.89	ng	-0.02

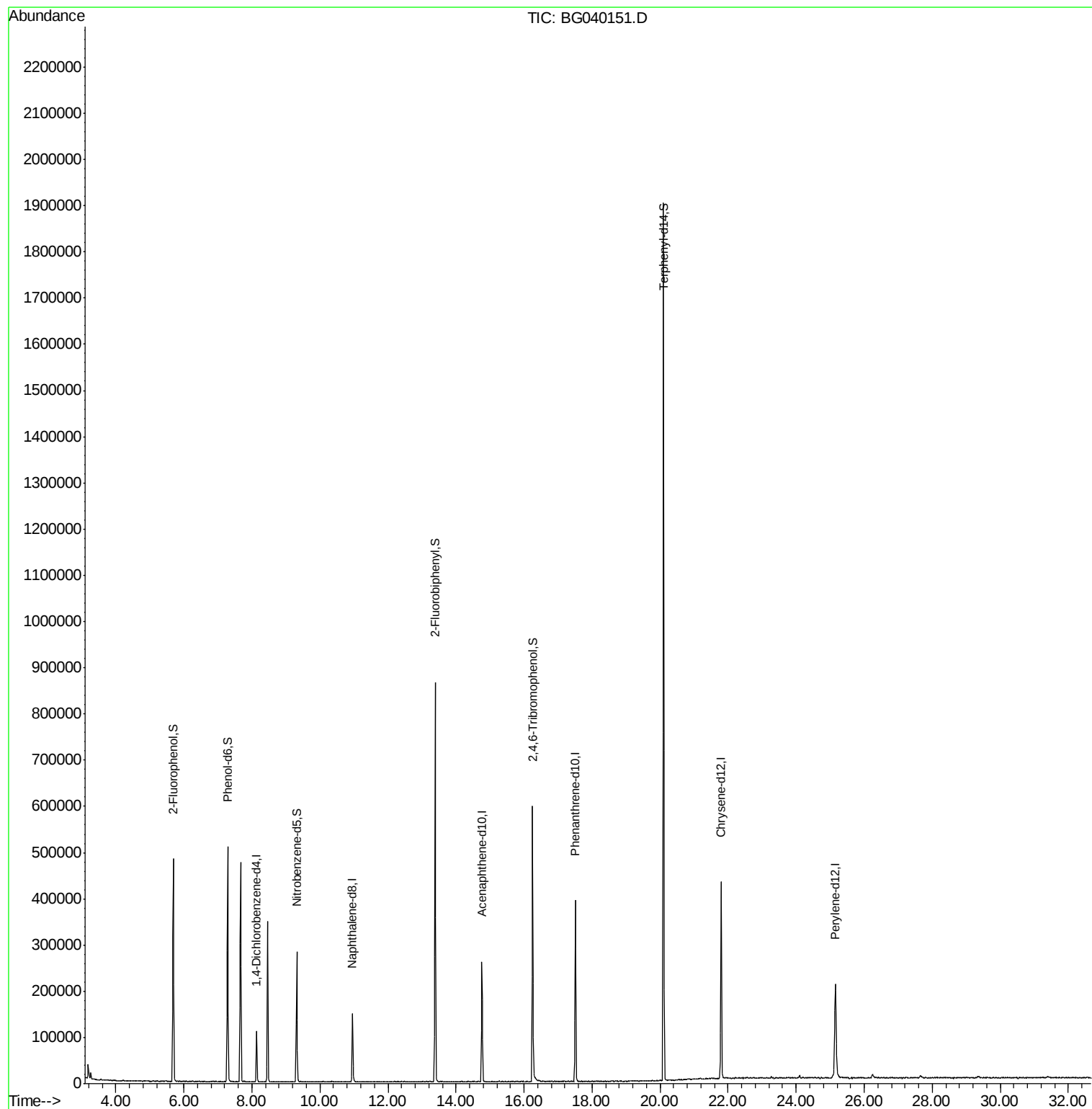
Target Compounds Qvalue

(#) = 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# 859

Delta R.T. -0.03 min

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Instrument :

BNA_G

ClientSampleId :

PB118289TB

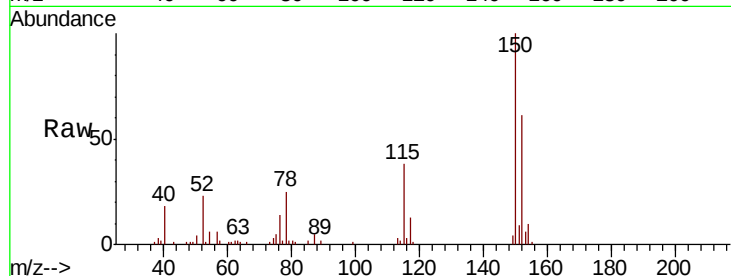
Tot Ion:152 Resp: 30242

Ion Ratio Lower Upper

152 100

150 163.0 123.7 185.5

115 62.1 45.9 68.9

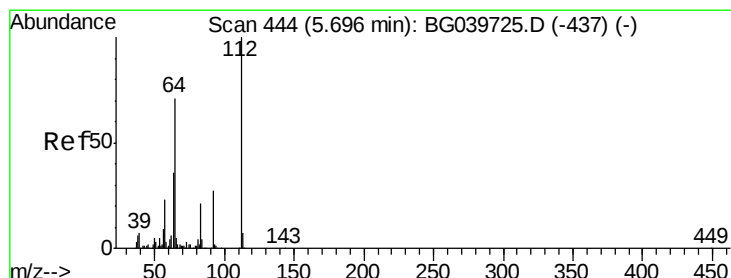
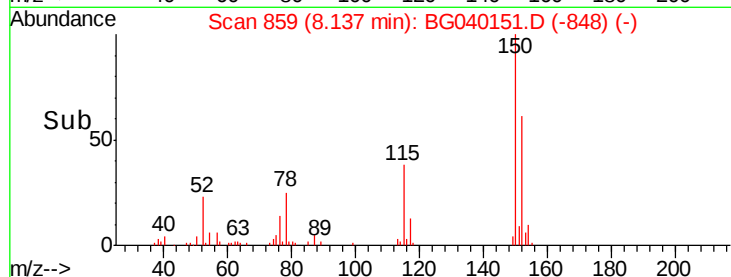
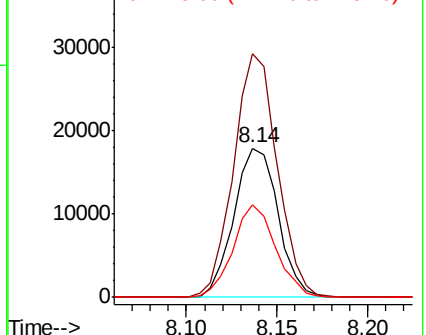


Abundance

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: 114.232 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040151.D

Acq: 26 Mar 2019 17:36

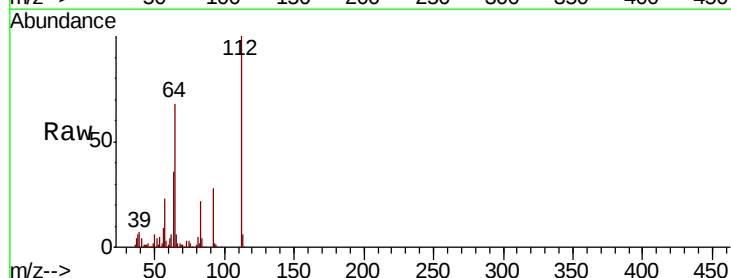
Tgt Ion:112 Resp: 202496

Ion Ratio Lower Upper

112 100

64 67.9 57.8 86.8

63 35.7 29.8 44.6

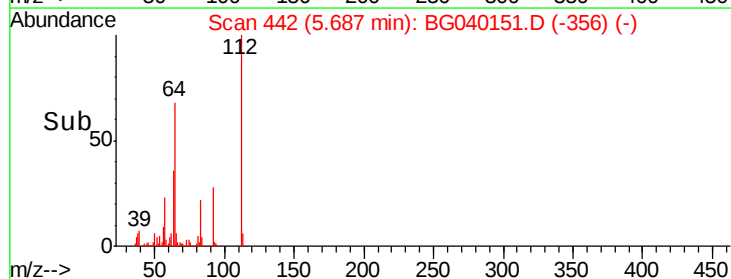
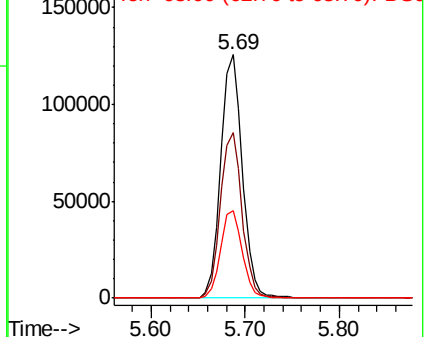


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 110.409 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040151.D

Acq: 26 Mar 2019 17:36

Instrument :

BNA_G

ClientSampleId :

PB118289TB

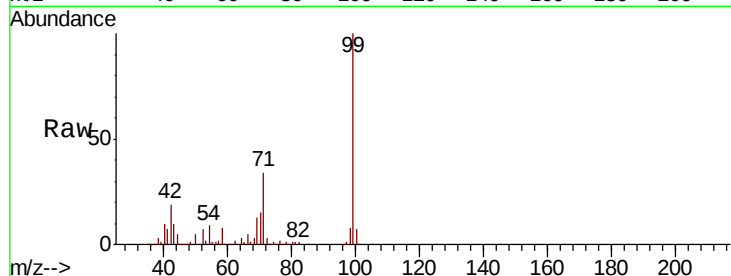
Tot Ion: 99 Resp: 291828

Ion Ratio Lower Upper

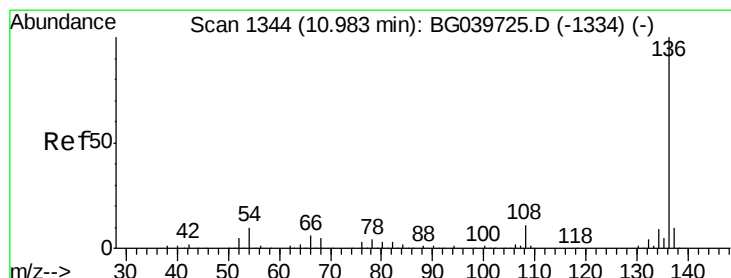
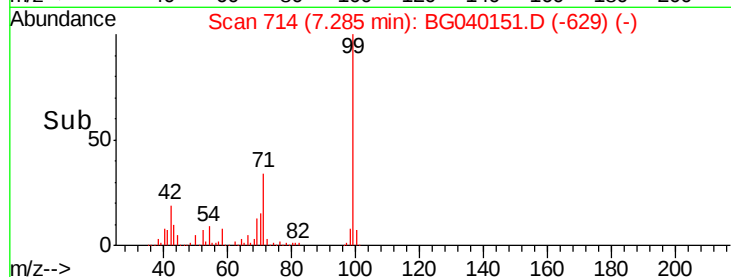
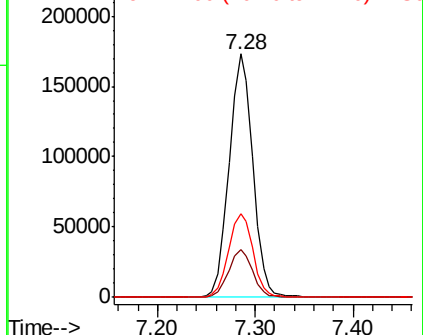
99 100

42 19.5 18.2 27.2

71 34.3 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: 10.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040151.D

Acq: 26 Mar 2019 17:36

Tgt Ion: 136 Resp: 129174

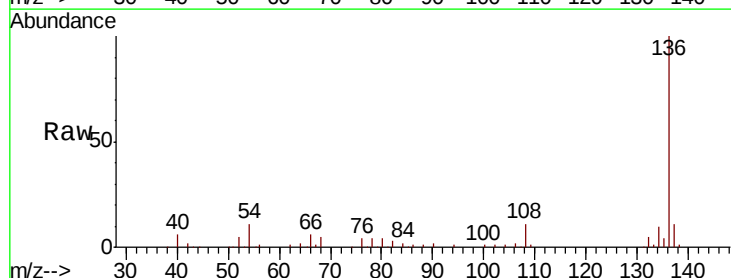
Ion Ratio Lower Upper

136 100

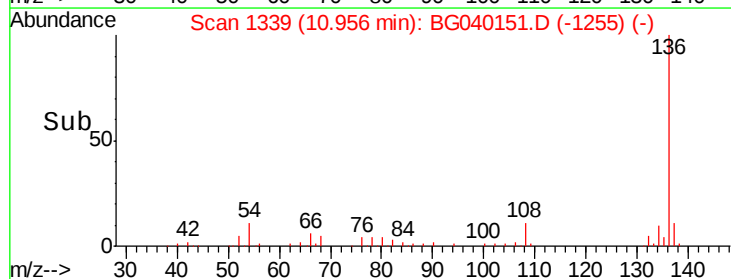
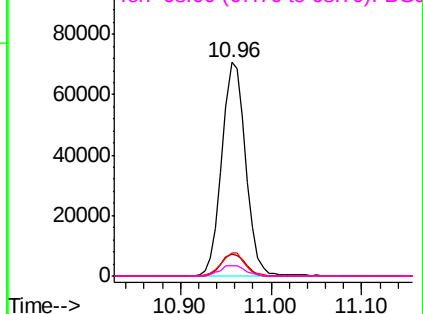
137 10.5 9.1 13.7

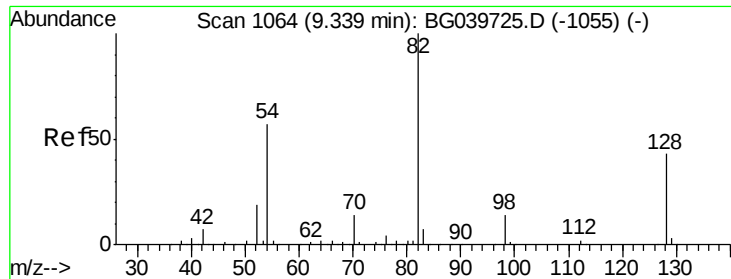
54 10.6 9.4 14.2

68 4.8 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

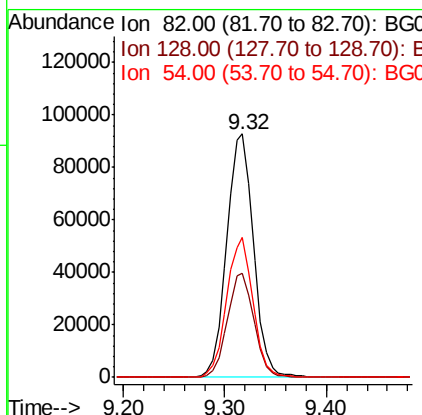
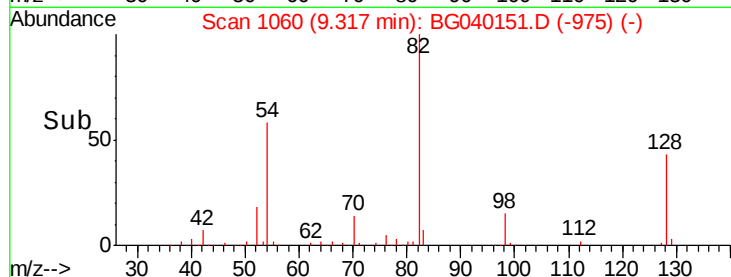
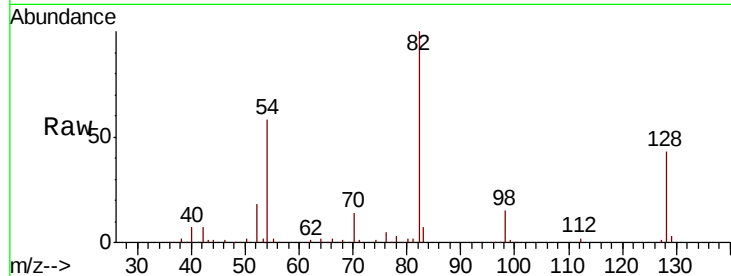




#23
Nitrobenzene-d5
Concen: 71.004 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040151.D
Acq: 26 Mar 2019 17:36

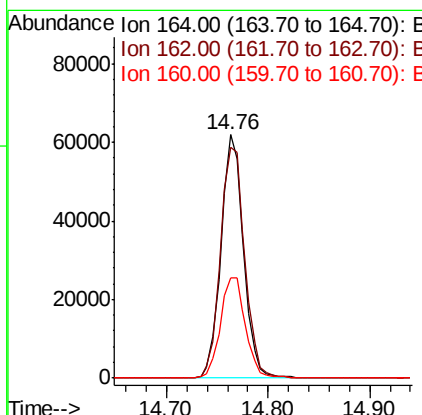
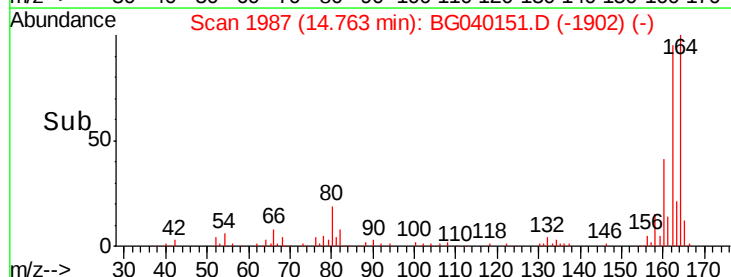
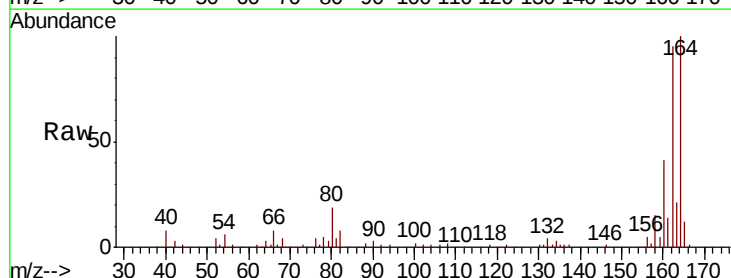
Instrument :
BNA_G
ClientSampleId :
PB118289TB

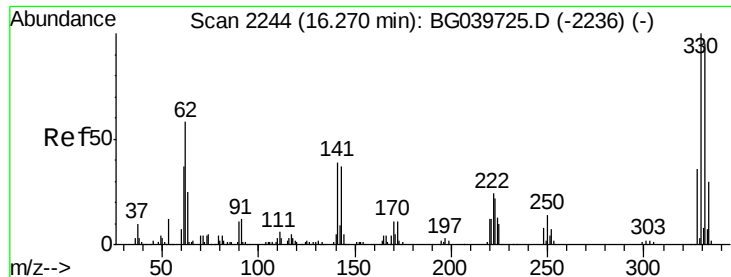
Tot Ion: 82 Resp: 169585
Ion Ratio Lower Upper
82 100
128 42.6 31.3 46.9
54 57.7 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040151.D
Acq: 26 Mar 2019 17:36

Tgt Ion: 164 Resp: 95144
Ion Ratio Lower Upper
164 100
162 94.9 81.6 122.4
160 41.3 34.2 51.2

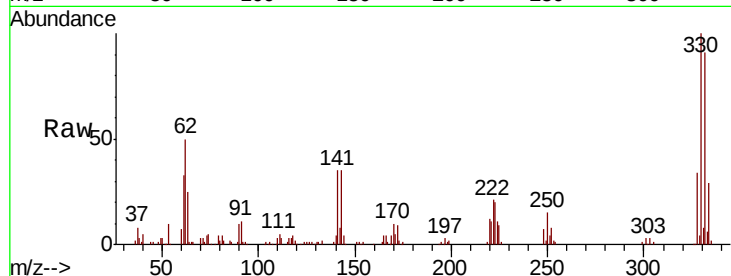




#42
 2,4,6-Tribromophenol
 Concen: 108.865 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040151.D
 Acq: 26 Mar 2019 17:36

Instrument :
 BNA_G
 ClientSampleId :
 PB118289TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.7	113.5
141	38.9	35.6	53.4

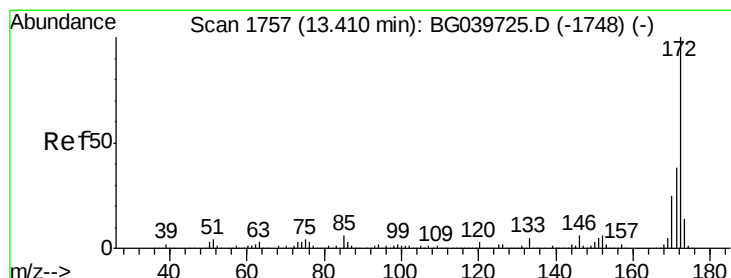
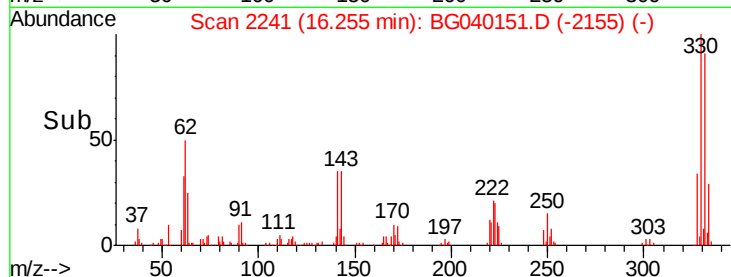
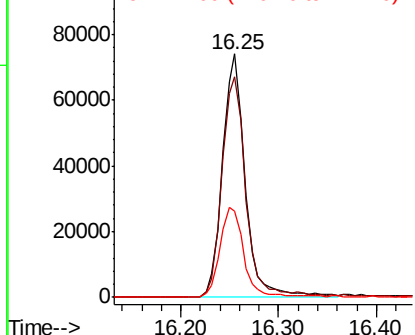


Abundance

Ion 329.80 (329.50 to 330.50): E

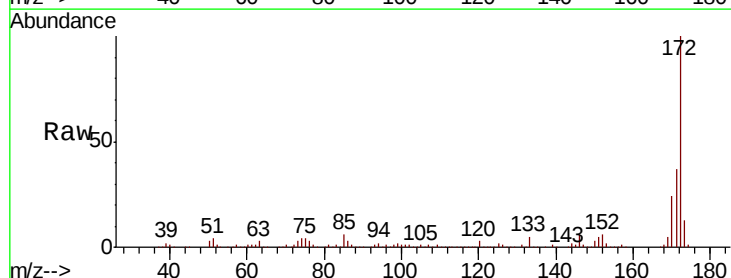
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 70.277 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040151.D
 Acq: 26 Mar 2019 17:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	24.1	20.2	30.4

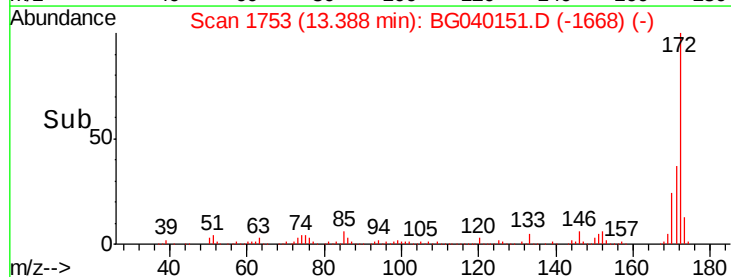
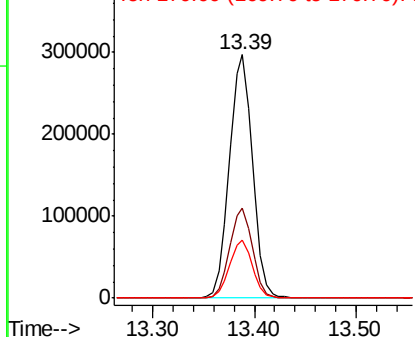


Abundance

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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040151.D

Acq: 26 Mar 2019 17:36

Instrument :

BNA_G

ClientSampleId :

PB118289TB

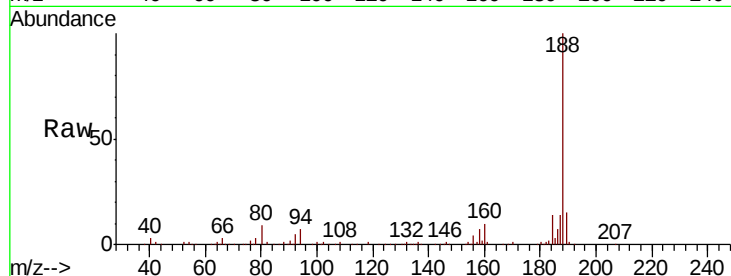
Tot Ion:188 Resp: 259444

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

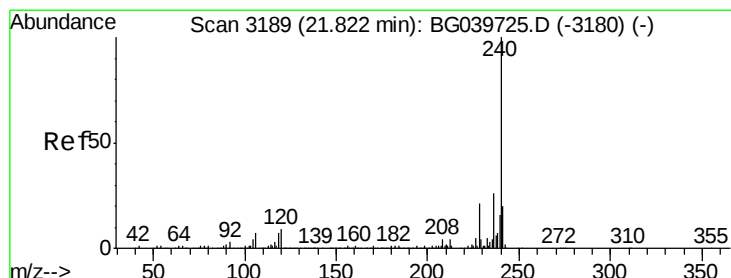
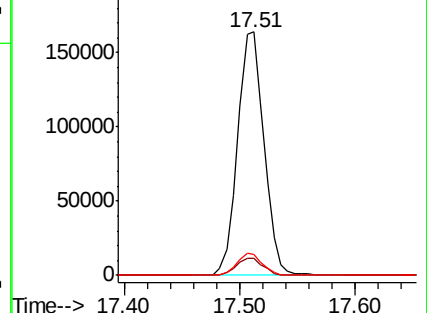
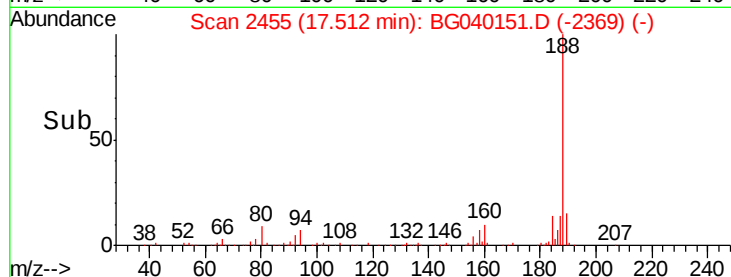
80 8.5 8.1 12.1



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: 21.79 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040151.D

Acq: 26 Mar 2019 17:36

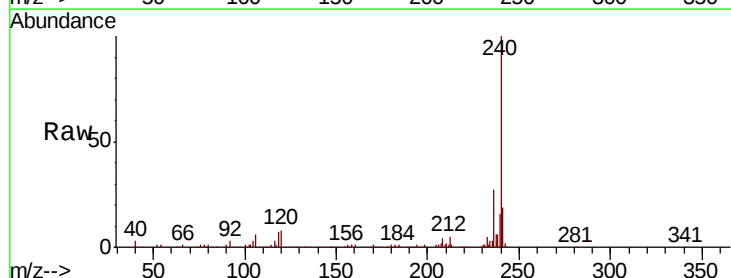
Tgt Ion:240 Resp: 274022

Ion Ratio Lower Upper

240 100

120 7.6 7.0 10.6

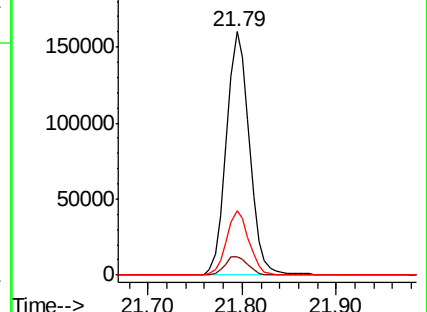
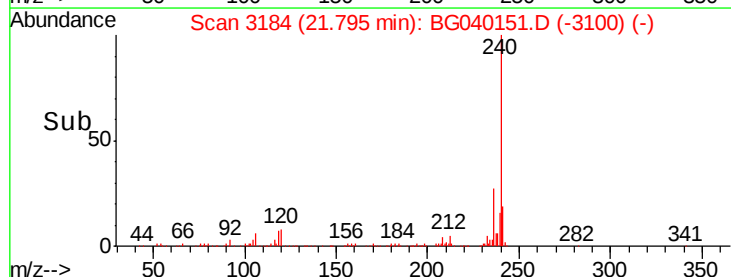
236 26.5 21.0 31.4

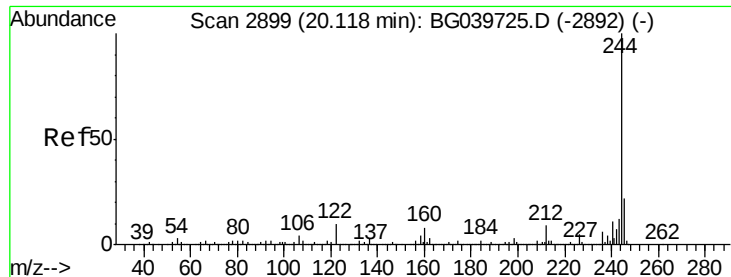


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.885 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040151.D

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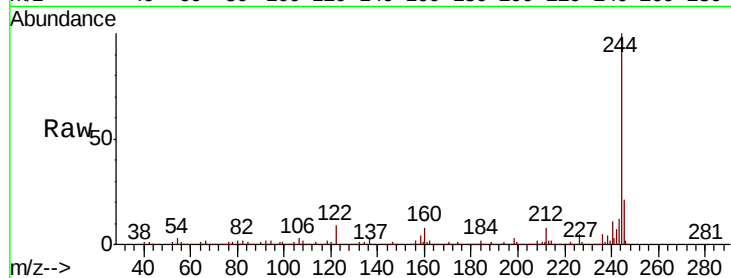
Tot Ion:244 Resp: 882193

Ion Ratio Lower Upper

244 100

212 8.5 7.3 10.9

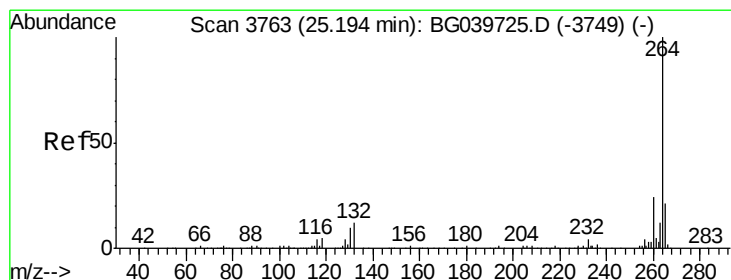
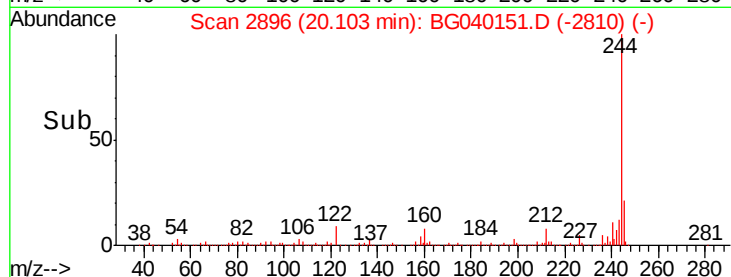
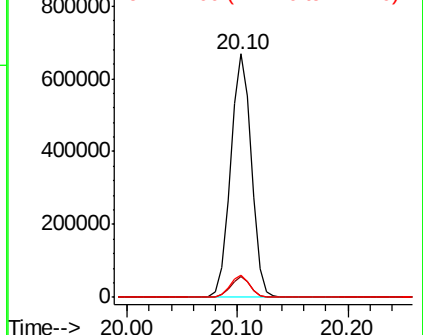
122 9.2 8.4 12.6



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: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040151.D

Acq: 26 Mar 2019 17:36

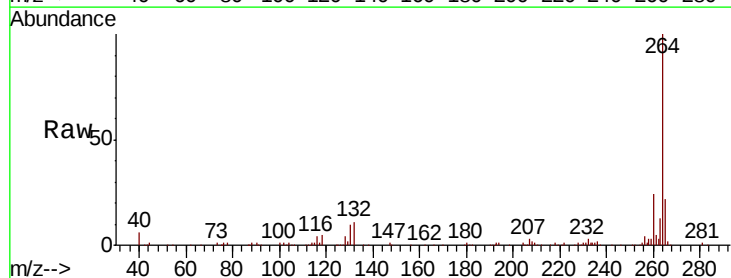
Tgt Ion:264 Resp: 261145

Ion Ratio Lower Upper

264 100

260 24.0 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

