

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032119\
 Data File : BG040069.D
 Acq On : 21 Mar 2019 17:11
 Operator : JU/SJ
 Sample : PB118155BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118155BL

Quant Time: Mar 22 04:00:53 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	33608	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	149241	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	107771	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	275415	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	277448	20.00	ng	-0.03
87) Perylene-d12	25.16	264	270605	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	247297	125.53	ng	-0.02
7) Phenol-d6	7.29	99	363108	123.62	ng	-0.03
23) Nitrobenzene-d5	9.32	82	211447	76.63	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	128777	102.52	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	571177	75.46	ng	-0.03
79) Terphenyl-d14	20.11	244	962244	76.36	ng	-0.02

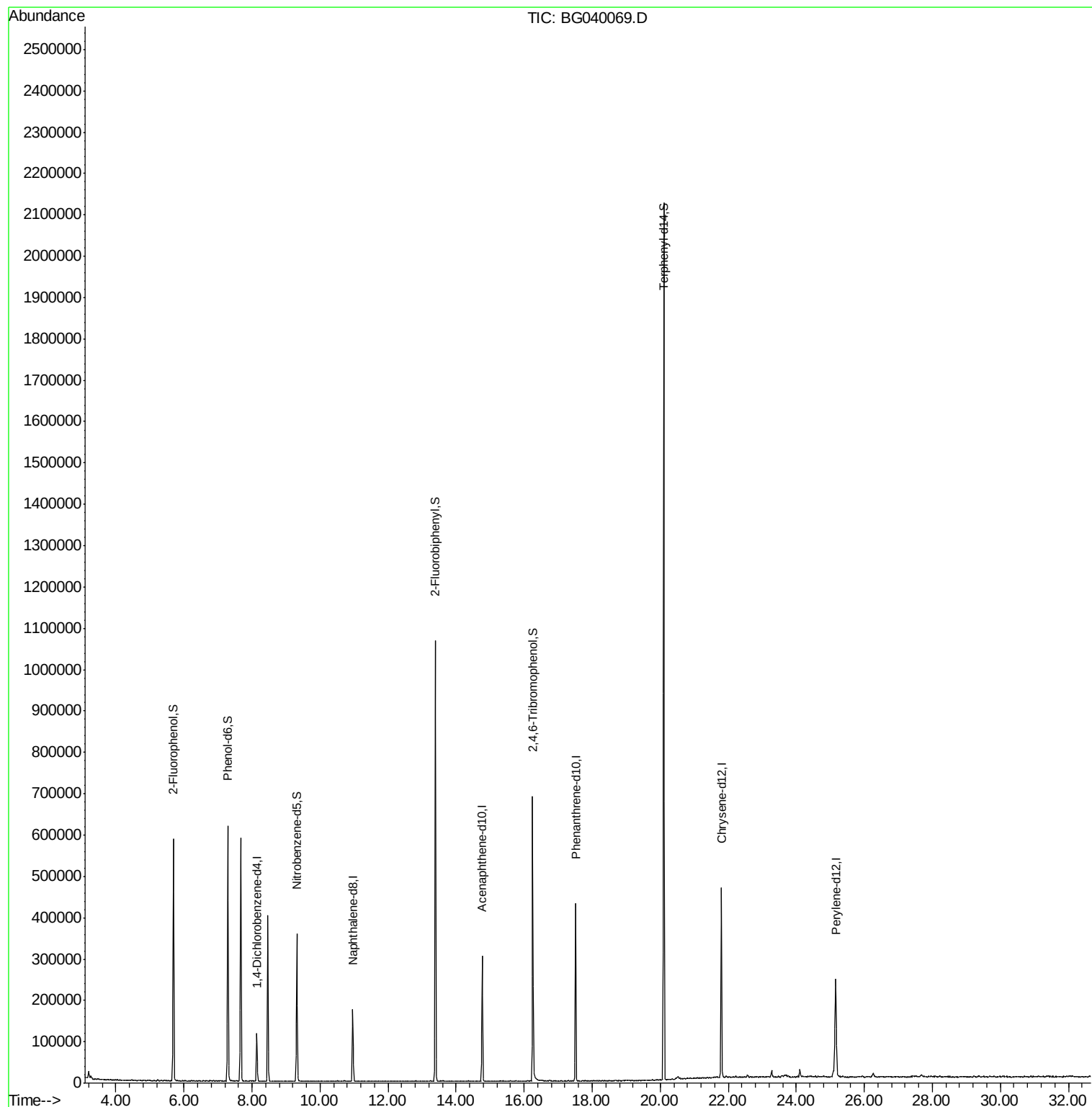
Target Compounds Qvalue

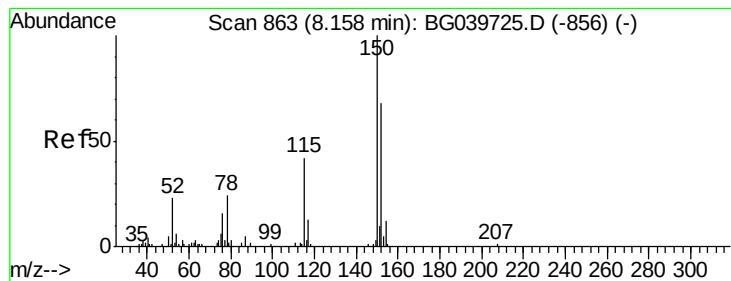
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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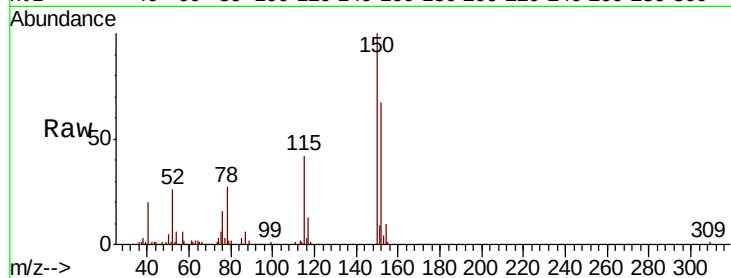




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.03 min
 Lab File: BG040069.D
 Acq: 21 Mar 2019 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB118155BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	123.7	185.5
115	62.8	45.9	68.9

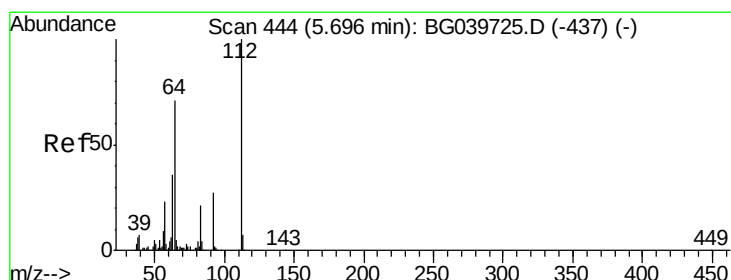
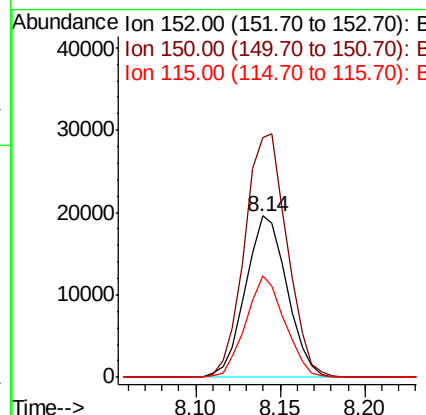
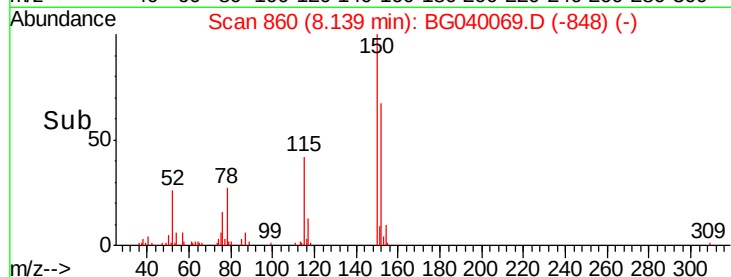


Abundance

Ion 152.00 (151.70 to 152.70): E

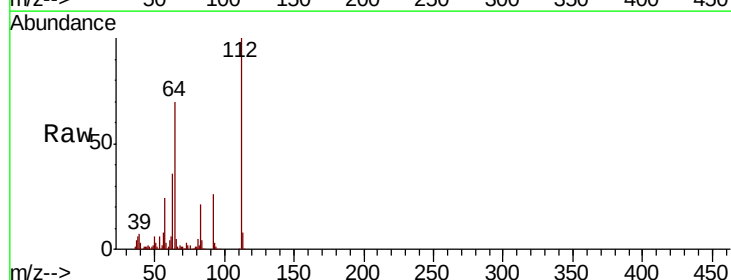
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 125.533 ng
 RT: 5.69 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BG040069.D
 Acq: 21 Mar 2019 17:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	57.8	86.8
63	36.4	29.8	44.6

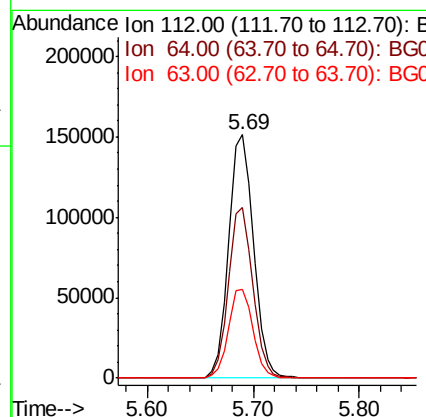
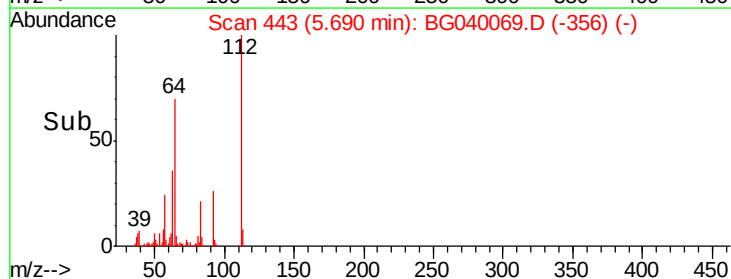


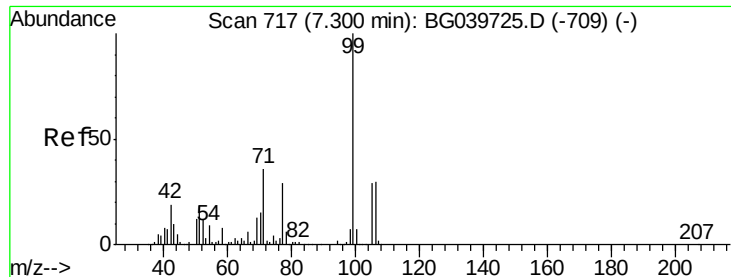
Abundance

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: 123.618 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.03 min

Lab File: BG040069.D

Acq: 21 Mar 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB118155BL

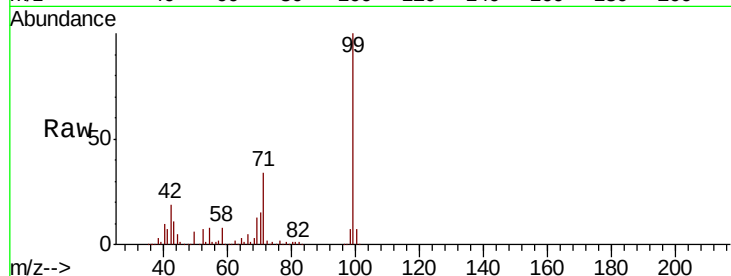
Tot Ion: 99 Resp: 363108

Ion Ratio Lower Upper

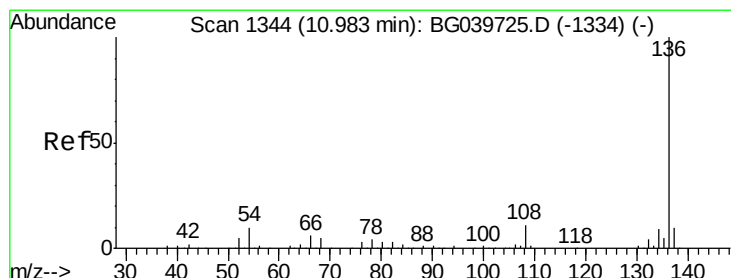
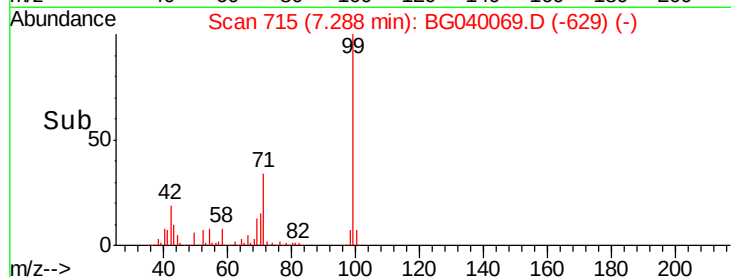
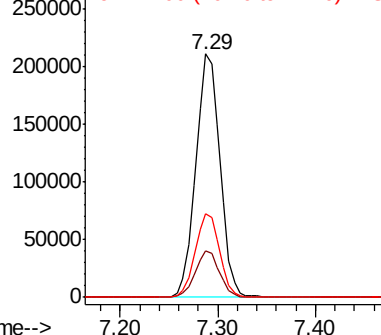
99 100

42 19.2 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# 1340

Delta R.T. -0.03 min

Lab File: BG040069.D

Acq: 21 Mar 2019 17:11

Tgt Ion: 136 Resp: 149241

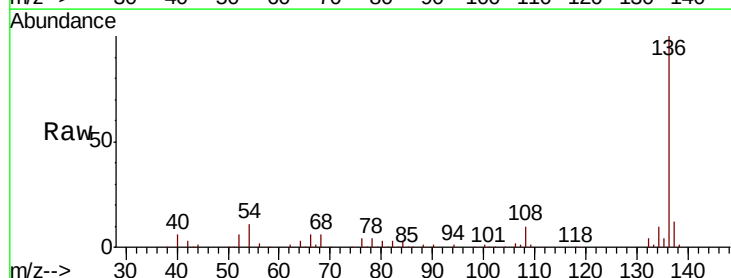
Ion Ratio Lower Upper

136 100

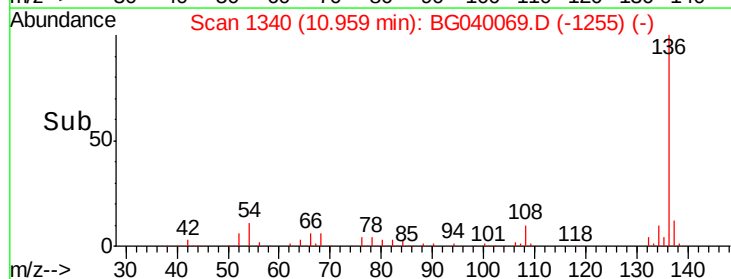
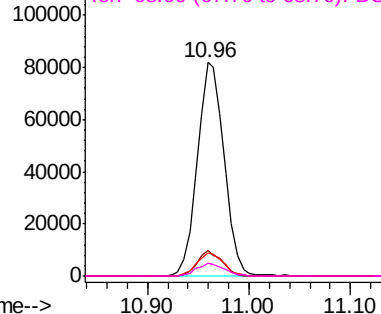
137 11.8 9.1 13.7

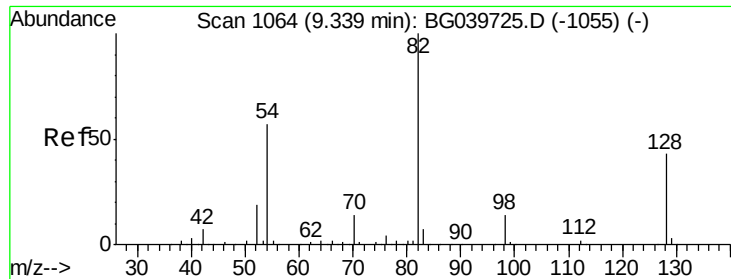
54 11.1 9.4 14.2

68 6.0 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

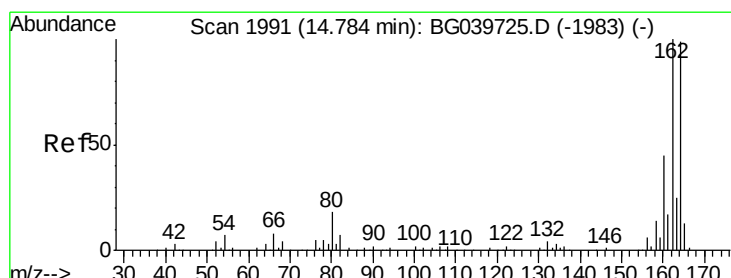
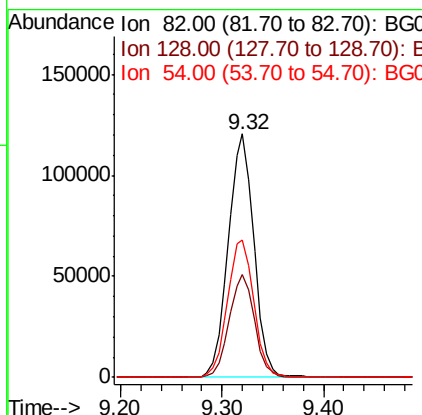
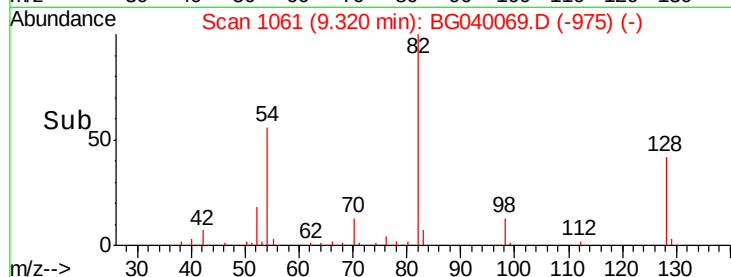
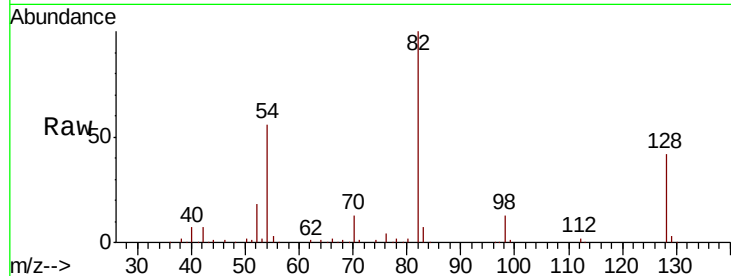




#23
 Nitrobenzene-d5
 Concen: 76.627 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.03 min
 Lab File: BG040069.D
 Acq: 21 Mar 2019 17:11

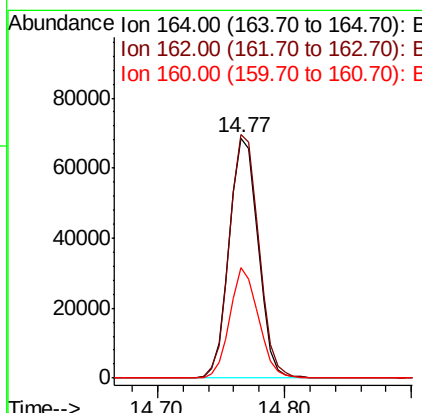
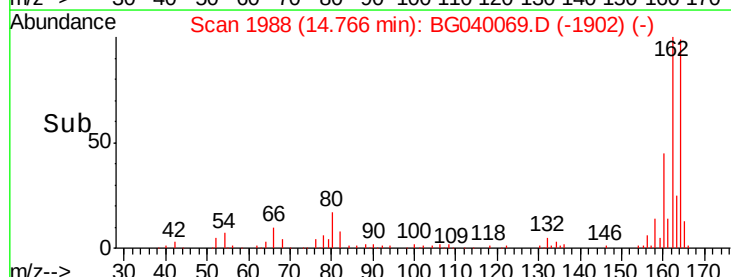
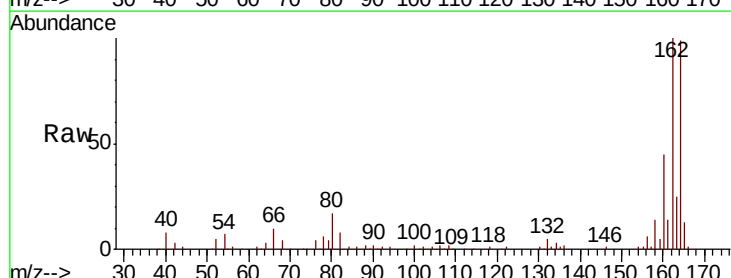
Instrument :
 BNA_G
 ClientSampleId :
 PB118155BL

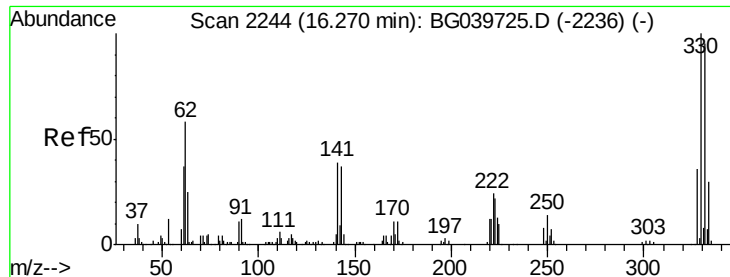
Tot Ion: 82 Resp: 211447
 Ion Ratio Lower Upper
 82 100
 128 42.0 31.3 46.9
 54 56.4 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.03 min
 Lab File: BG040069.D
 Acq: 21 Mar 2019 17:11

Tgt Ion: 164 Resp: 107771
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.6 122.4
 160 46.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 102.517 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040069.D

Acq: 21 Mar 2019 17:11

Instrument :

BNA_G

ClientSampled :

PB118155BL

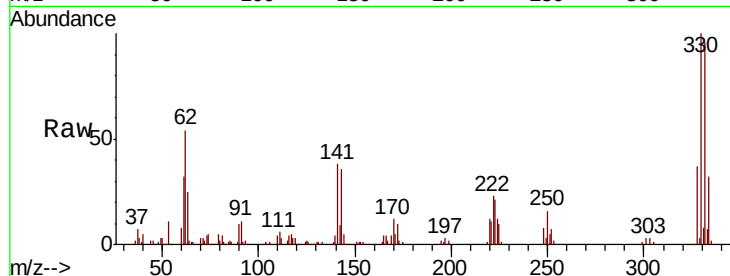
Tot Ion:330 Resp: 128777

Ion Ratio Lower Upper

330 100

332 97.4 75.7 113.5

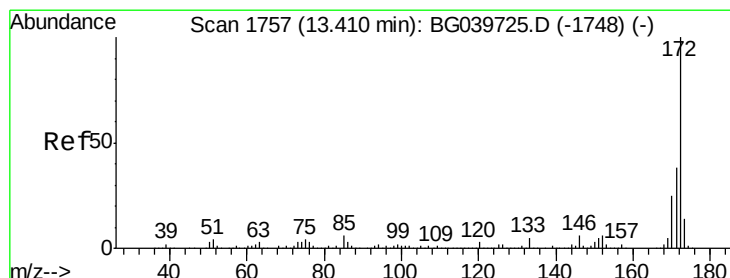
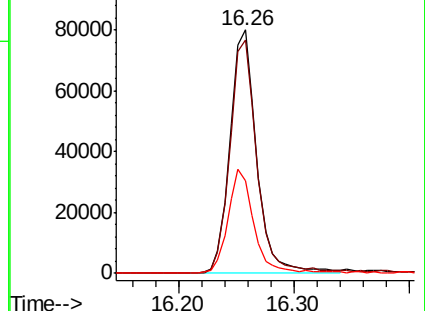
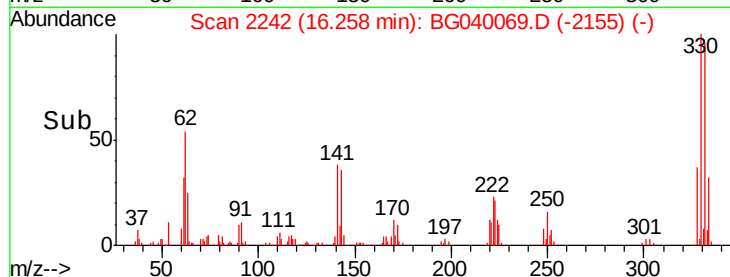
141 41.3 35.6 53.4



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: 75.462 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.03 min

Lab File: BG040069.D

Acq: 21 Mar 2019 17:11

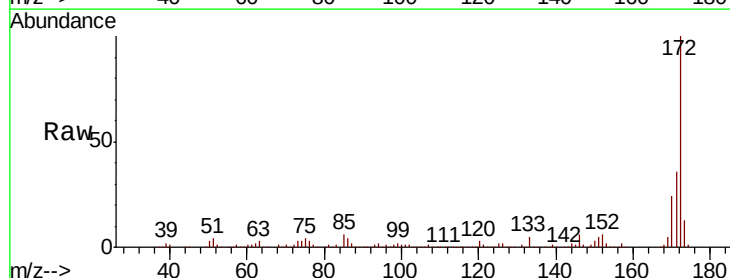
Tgt Ion:172 Resp: 571177

Ion Ratio Lower Upper

172 100

171 36.4 30.8 46.2

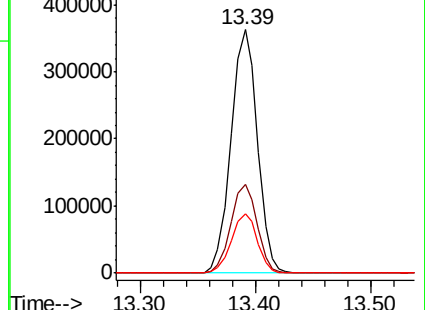
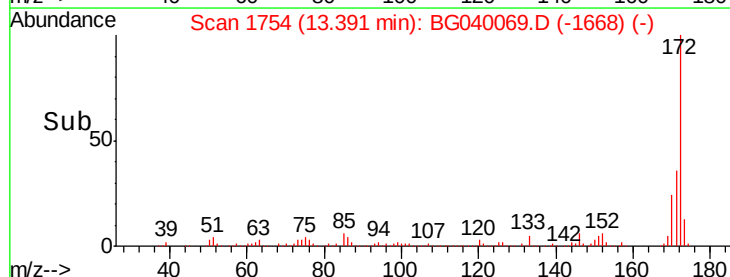
170 24.4 20.2 30.4

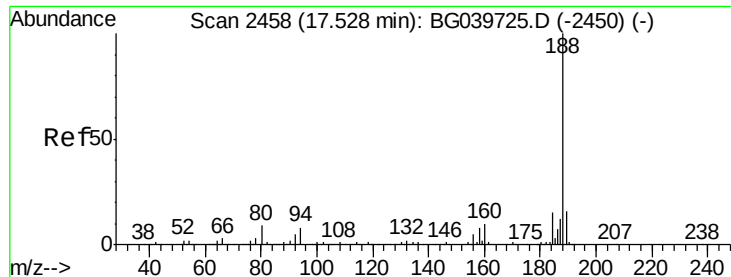


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

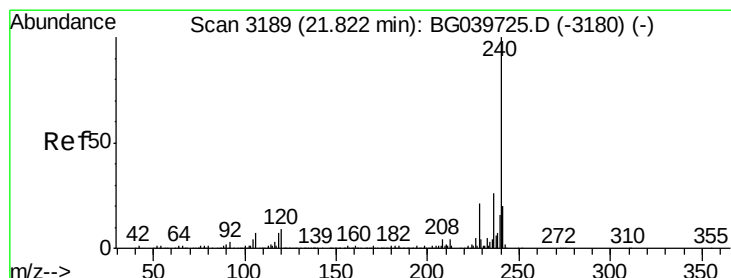
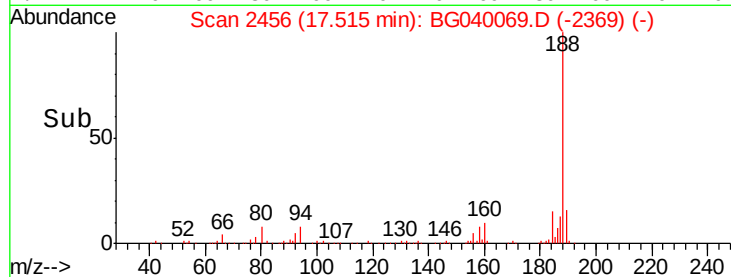
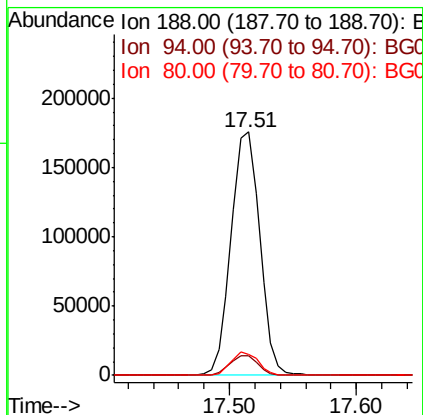
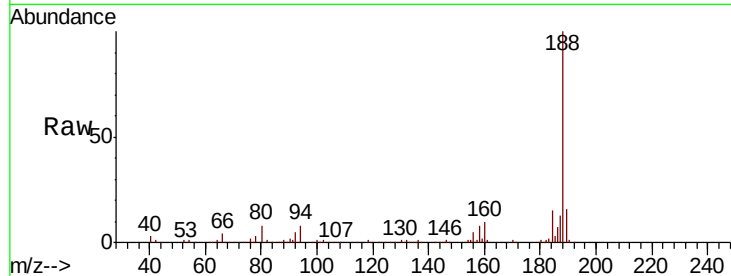




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040069.D
Acq: 21 Mar 2019 17:11

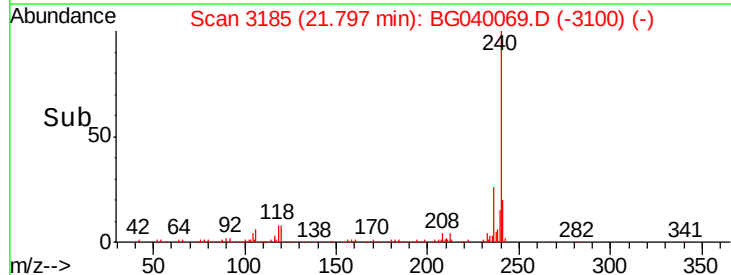
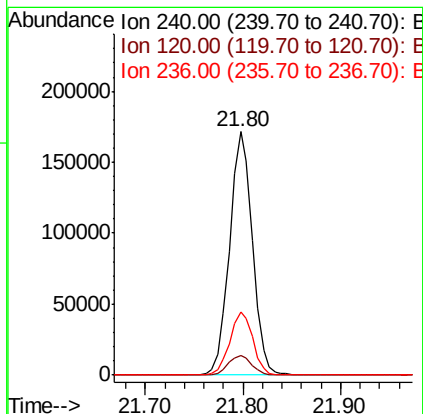
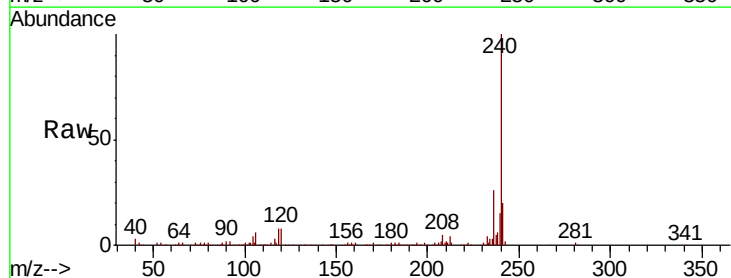
Instrument :
BNA_G
ClientSampleId :
PB118155BL

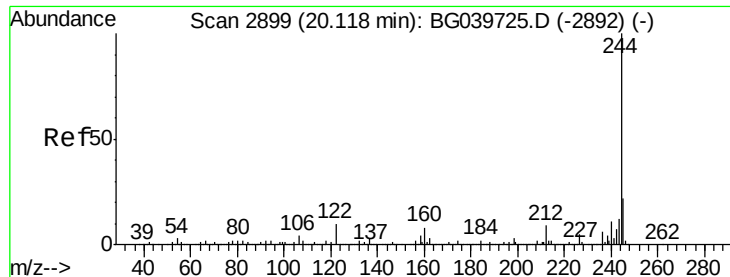
Tot Ion:188 Resp: 275415
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 8.5 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040069.D
Acq: 21 Mar 2019 17:11

Tgt Ion:240 Resp: 277448
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.6
236 26.1 21.0 31.4





#79

Terphenyl-d14

Concen: 76.363 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040069.D

Acq: 21 Mar 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB118155BL

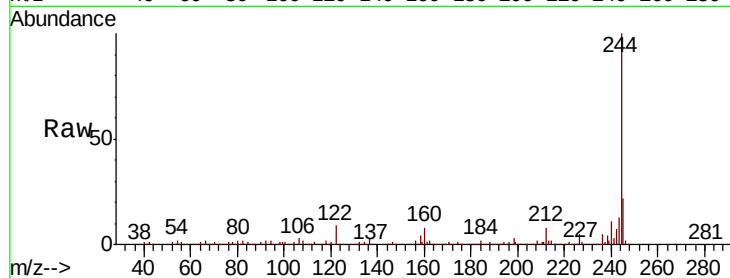
Tot Ion:244 Resp: 962244

Ion Ratio Lower Upper

244 100

212 8.5 7.3 10.9

122 9.0 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

1000000

800000

600000

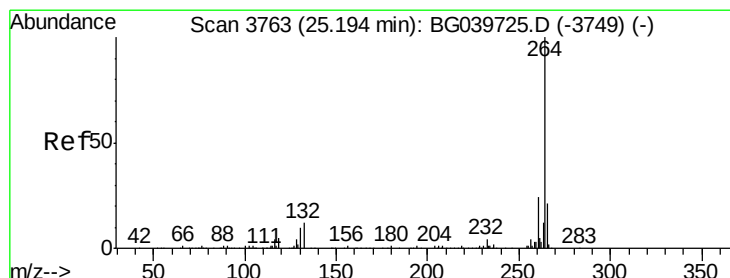
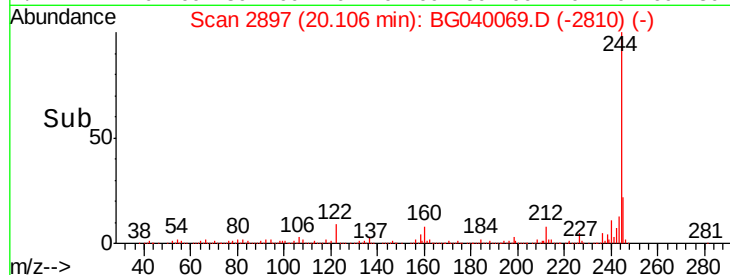
400000

200000

0

20.11

Time--> 20.00 20.10 20.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040069.D

Acq: 21 Mar 2019 17:11

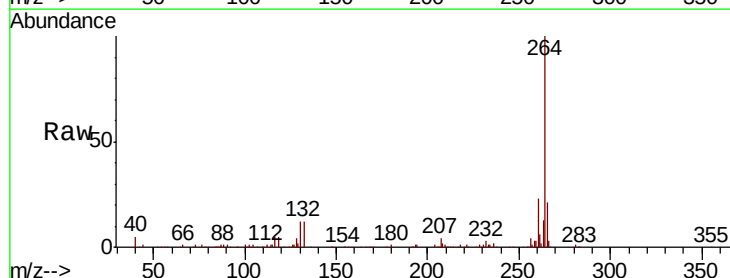
Tgt Ion:264 Resp: 270605

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 21.1 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

120000

100000

80000

60000

40000

20000

0

25.16

Time--> 25.00 25.10 25.20 25.30

