

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040088.D
 Acq On : 22 Mar 2019 18:15
 Operator : JU/SJ
 Sample : PB118180BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118180BL

Quant Time: Mar 23 02:25:17 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	46156	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	181930	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	117920	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	300005	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	333040	20.00	ng	-0.03
87) Perylene-d12	25.17	264	330256	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	170350	62.96	ng	-0.02
7) Phenol-d6	7.29	99	230762	57.20	ng	-0.02
23) Nitrobenzene-d5	9.32	82	204689	60.85	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	85098	61.91	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	513735	62.03	ng	-0.02
79) Terphenyl-d14	20.11	244	821288	54.30	ng	-0.02

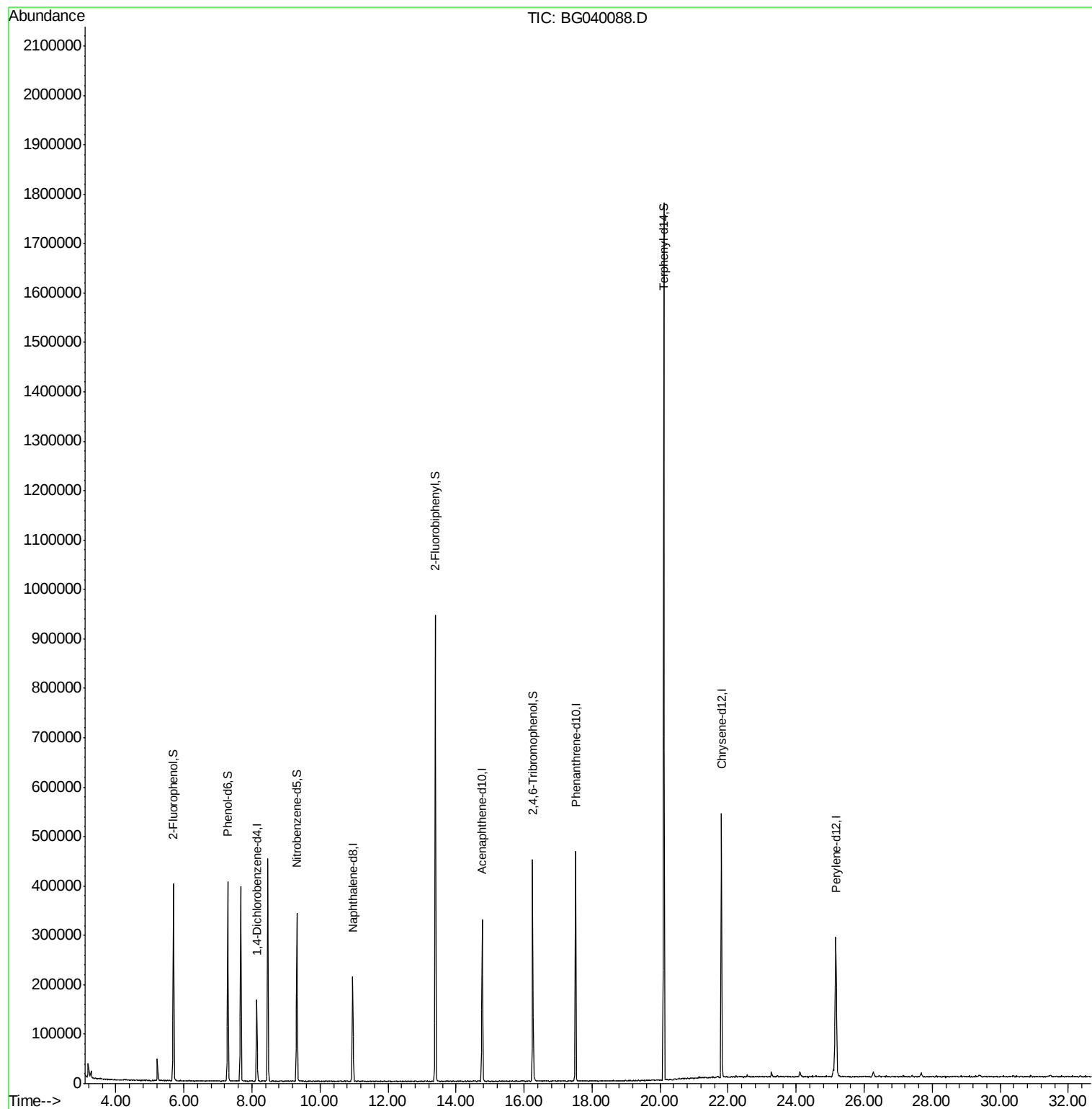
Target Compounds Qvalue

(#) = 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: BG040088.D

Acq: 22 Mar 2019 18:15

Instrument :

BNA_G

ClientSampleId :

PB118180BL

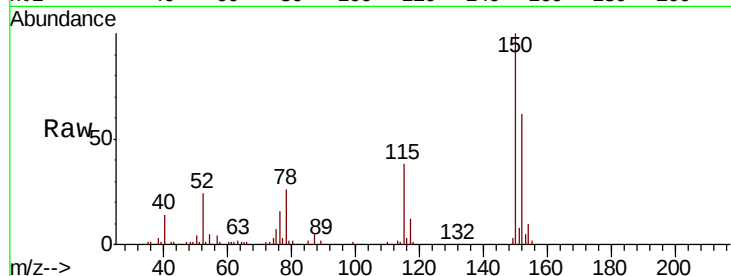
Tot Ion:152 Resp: 46156

Ion Ratio Lower Upper

152 100

150 160.5 123.7 185.5

115 60.3 45.9 68.9

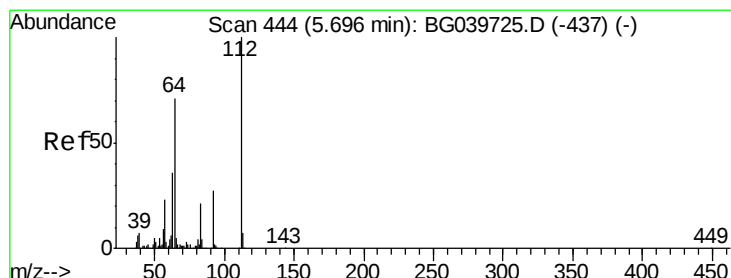
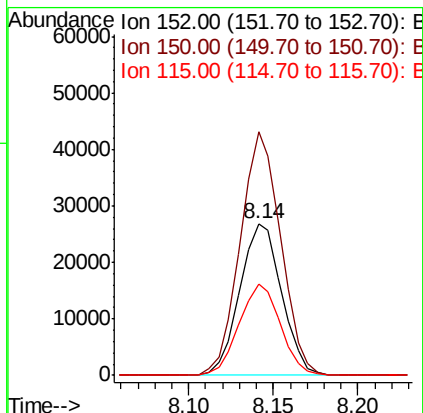
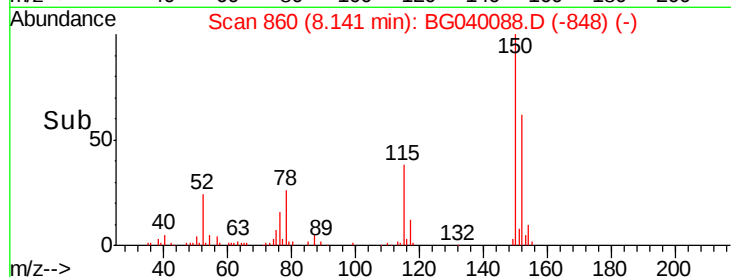


Abundance

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: 62.964 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040088.D

Acq: 22 Mar 2019 18:15

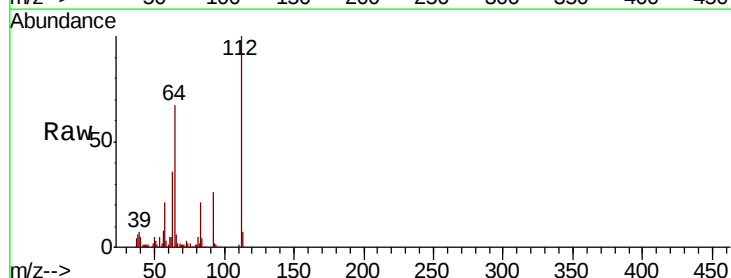
Tgt Ion:112 Resp: 170350

Ion Ratio Lower Upper

112 100

64 67.0 57.8 86.8

63 36.1 29.8 44.6

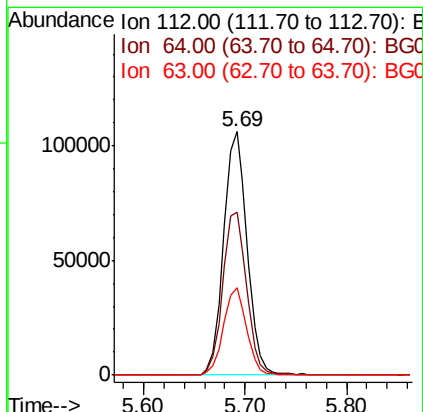
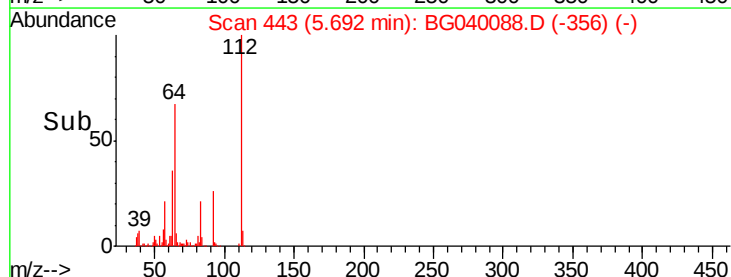


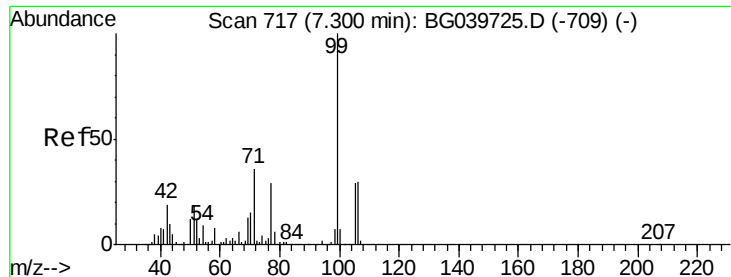
Abundance

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: 57.204 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040088.D

Acq: 22 Mar 2019 18:15

Instrument :

BNA_G

ClientSampleId :

PB118180BL

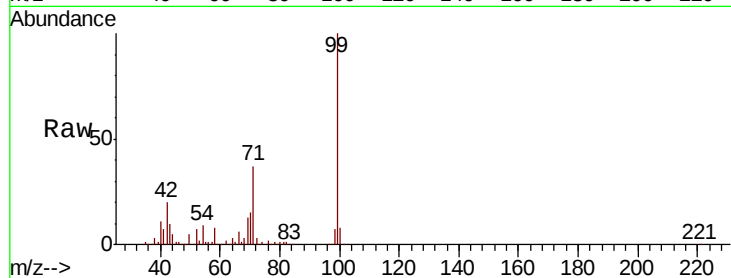
Tot Ion: 99 Resp: 230762

Ion Ratio Lower Upper

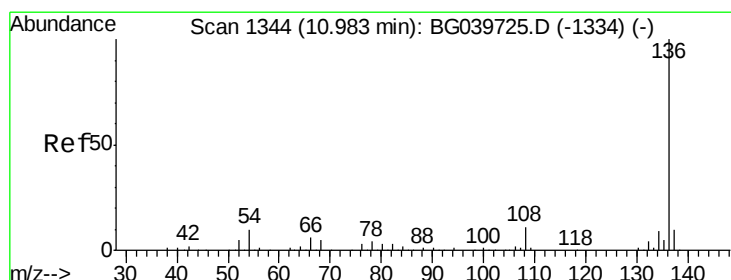
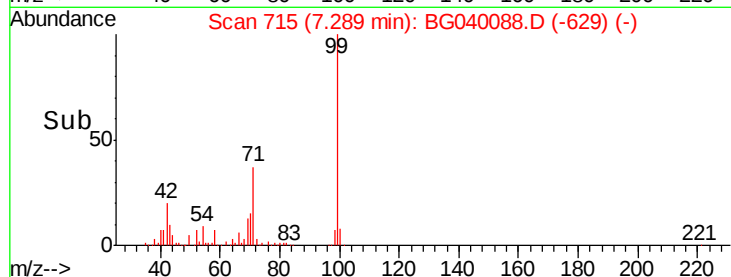
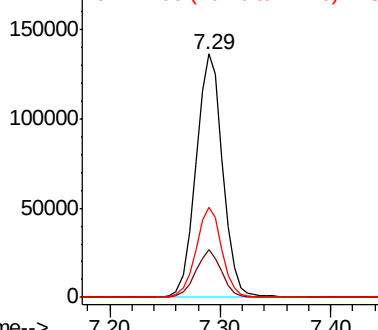
99 100

42 19.7 18.2 27.2

71 37.0 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: BG040088.D

Acq: 22 Mar 2019 18:15

Tgt Ion: 136 Resp: 181930

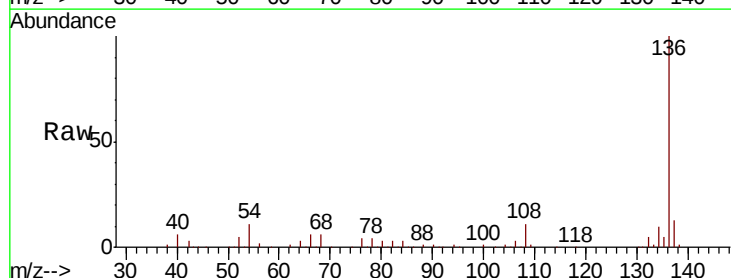
Ion Ratio Lower Upper

136 100

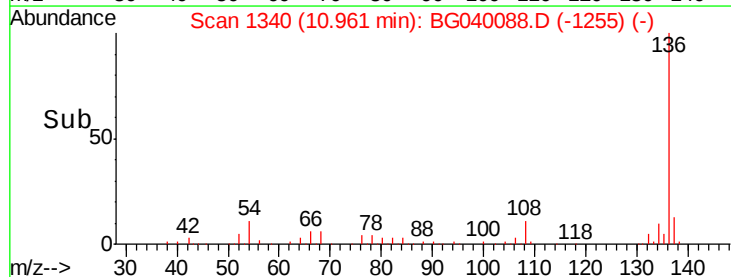
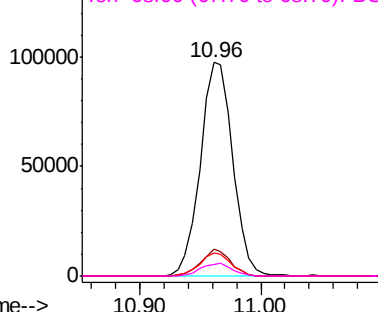
137 12.9 9.1 13.7

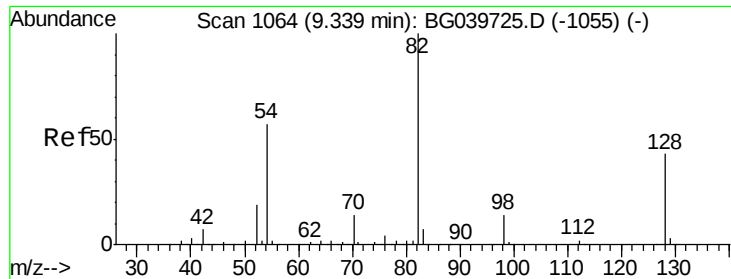
54 11.1 9.4 14.2

68 5.6 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

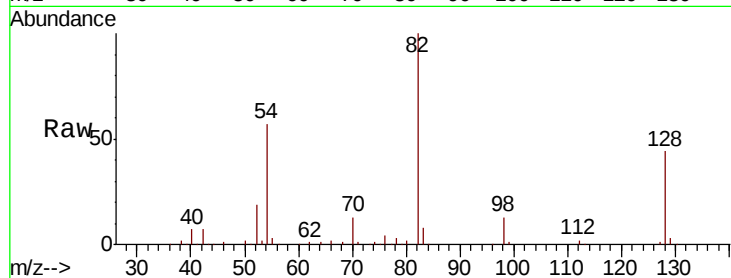




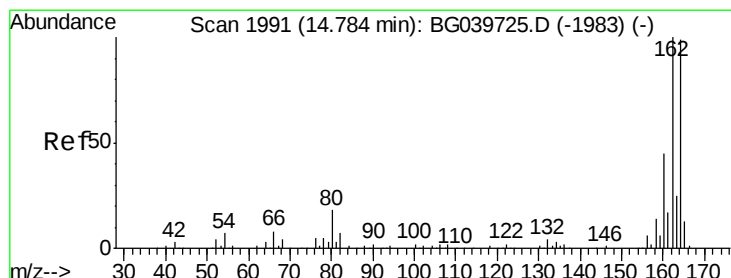
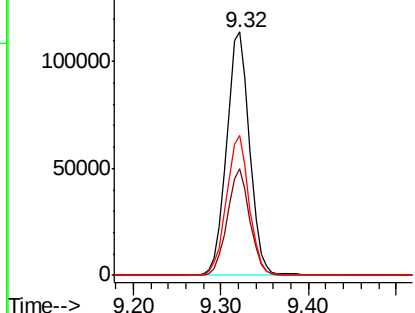
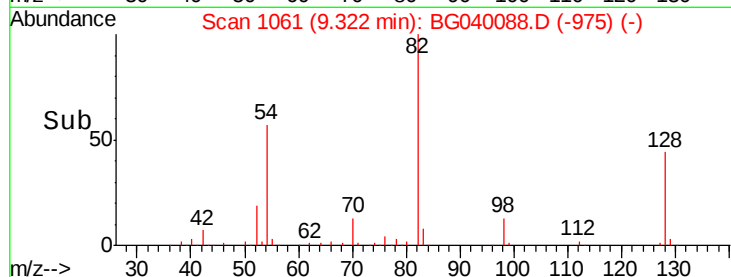
#23
Nitrobenzene-d5
Concen: 60.850 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040088.D
Acq: 22 Mar 2019 18:15

Instrument :
BNA_G
ClientSampleId :
PB118180BL

Tot Ion: 82 Resp: 204689
Ion Ratio Lower Upper
82 100
128 43.7 31.3 46.9
54 57.3 50.9 76.3

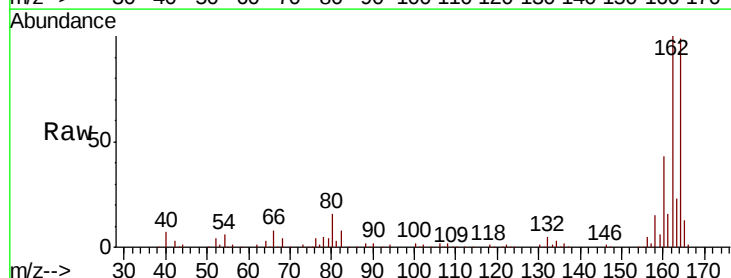


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

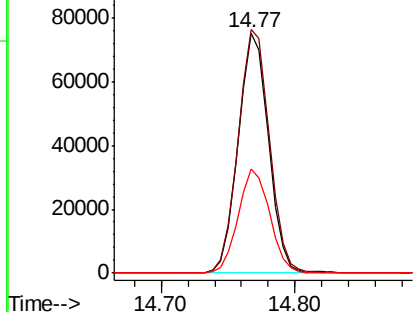
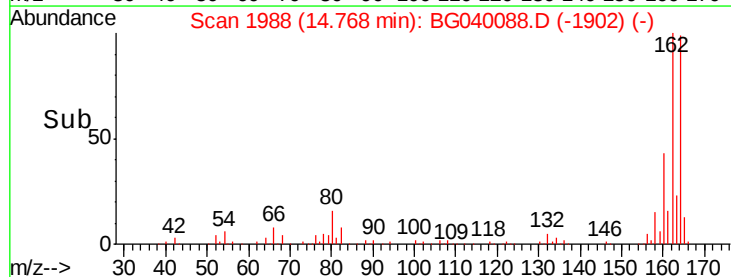


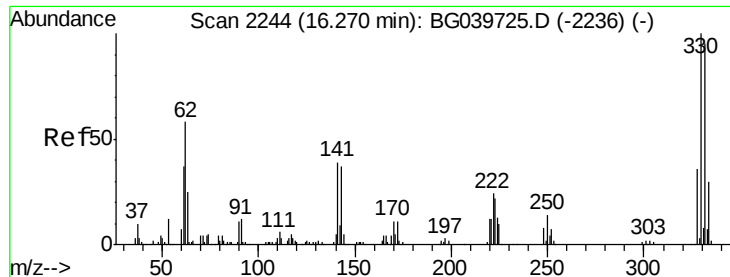
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040088.D
Acq: 22 Mar 2019 18:15

Tgt Ion:164 Resp: 117920
Ion Ratio Lower Upper
164 100
162 101.3 81.6 122.4
160 43.3 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

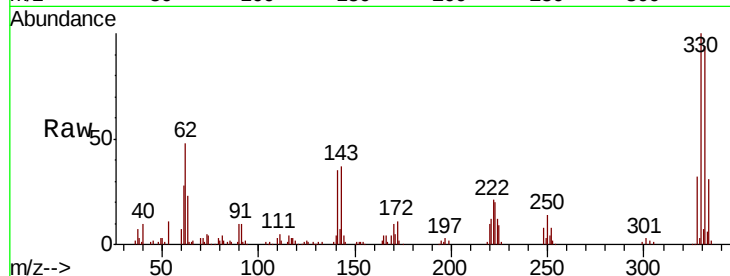




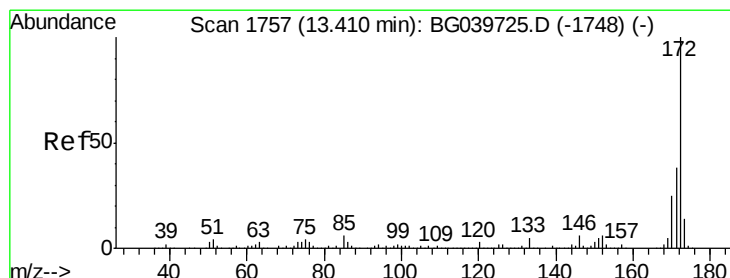
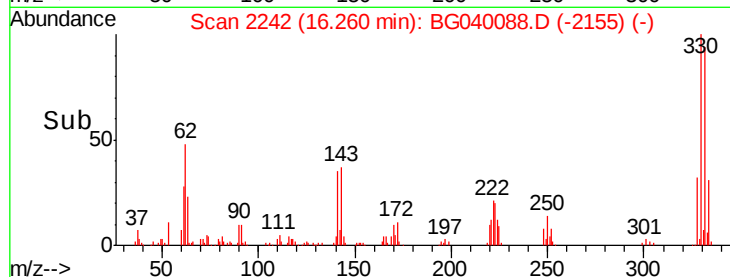
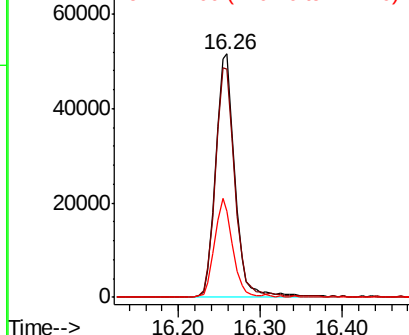
#42
 2,4,6-Tribromophenol
 Concen: 61.914 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040088.D
 Acq: 22 Mar 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :
 PB118180BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	38.3	35.6	53.4

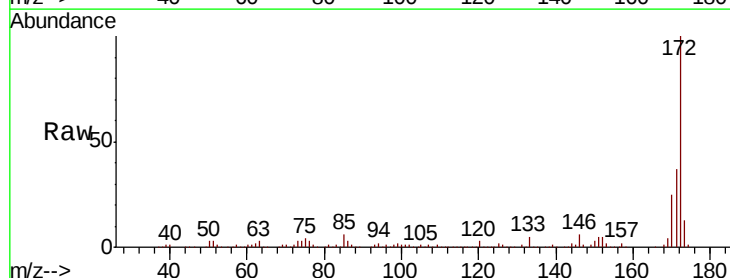


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

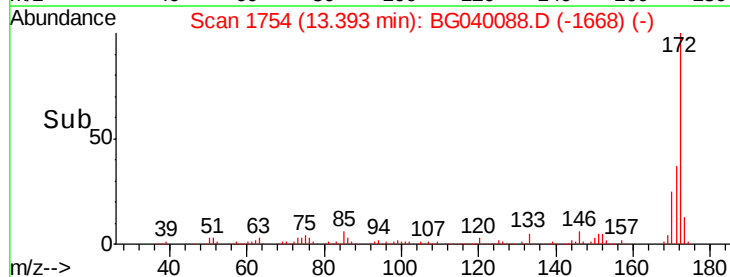
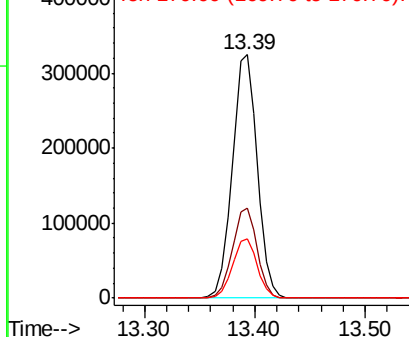


#45
 2-Fluorobiphenyl
 Concen: 62.031 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040088.D
 Acq: 22 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	24.5	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

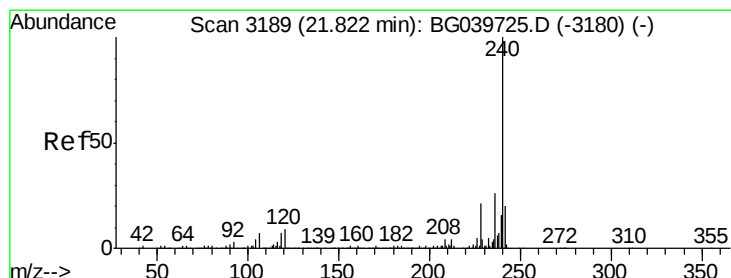
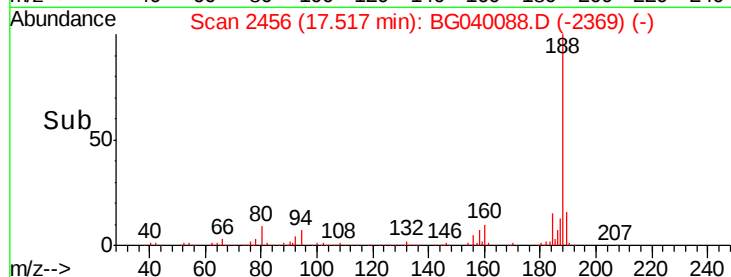
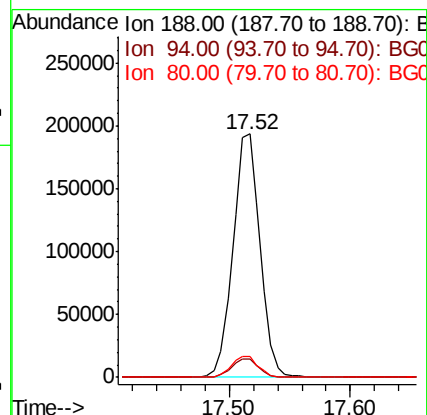
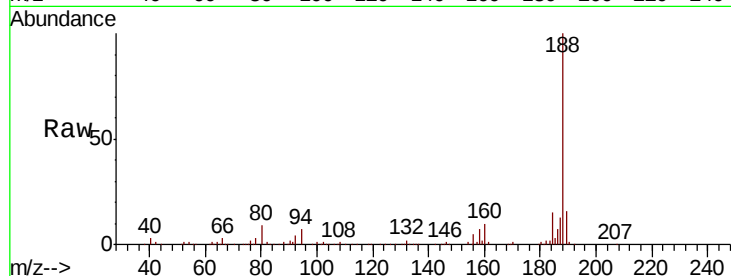




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040088.D
Acq: 22 Mar 2019 18:15

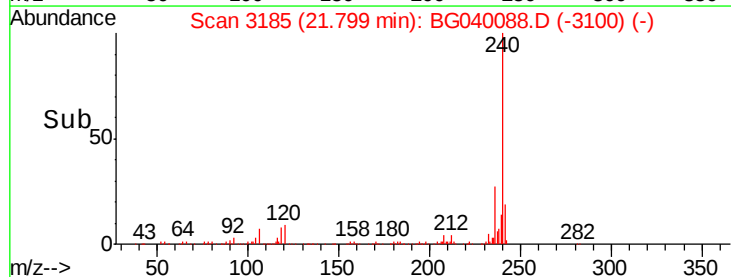
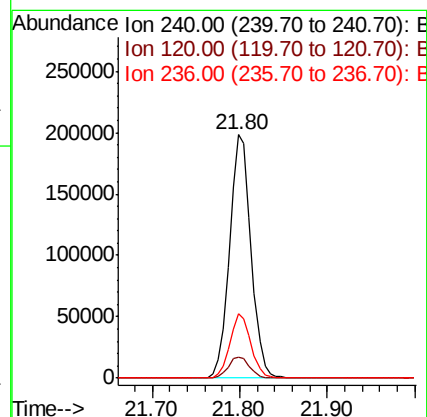
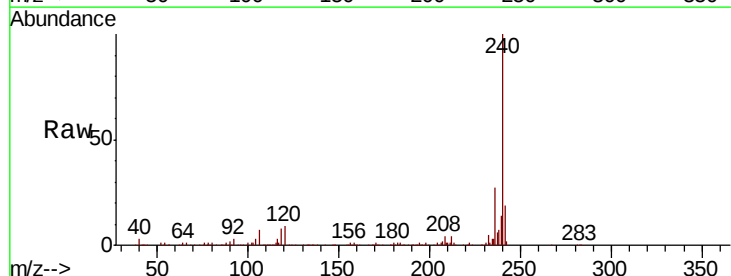
Instrument :
BNA_G
ClientSampleId :
PB118180BL

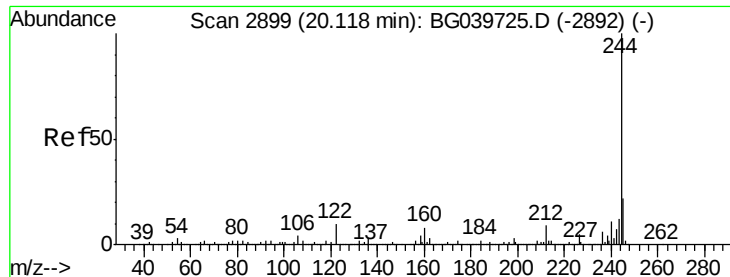
Tot Ion:188 Resp: 300005
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040088.D
Acq: 22 Mar 2019 18:15

Tgt Ion:240 Resp: 333040
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.6 21.0 31.4





#79

Terphenyl-d14

Concen: 54.297 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040088.D

Acq: 22 Mar 2019 18:15

Instrument :

BNA_G

ClientSampleId :

PB118180BL

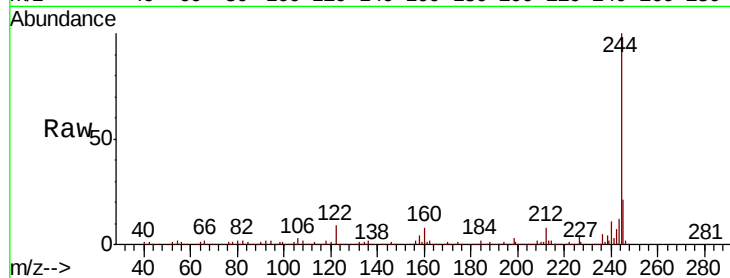
Tot Ion:244 Resp: 821288

Ion Ratio Lower Upper

244 100

212 8.3 7.3 10.9

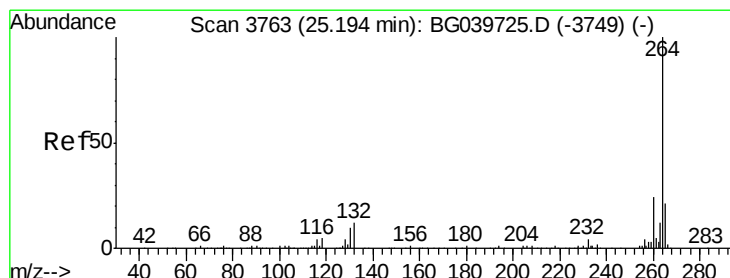
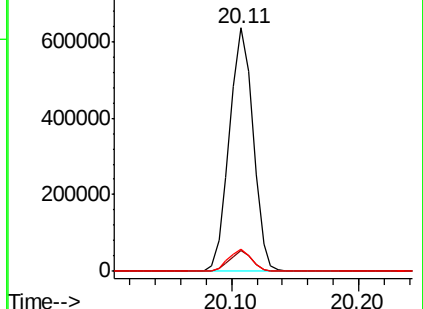
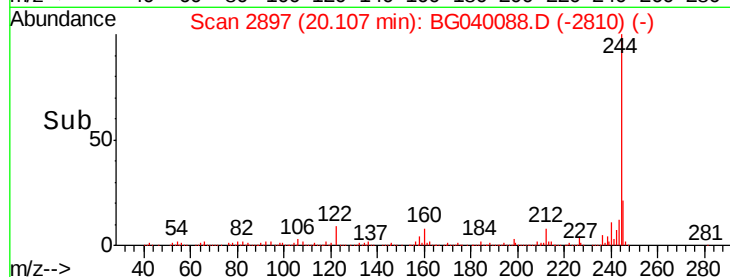
122 9.2 8.4 12.6



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: 25.17 min Scan# 3758

Delta R.T. -0.03 min

Lab File: BG040088.D

Acq: 22 Mar 2019 18:15

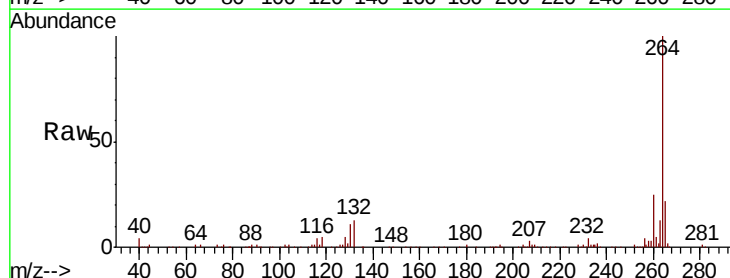
Tgt Ion:264 Resp: 330256

Ion Ratio Lower Upper

264 100

260 25.4 18.2 27.4

265 21.9 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

