

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
 Data File : BG040043.D
 Acq On : 20 Mar 2019 19:43
 Operator : JU/SJ
 Sample : PB118078BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118078BL

Quant Time: Mar 21 10:45:03 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	34497	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	148693	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	102092	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	267200	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	288368	20.00	ng	-0.03
87) Perylene-d12	25.15	264	280209	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	243789	120.56	ng	-0.02
7) Phenol-d6	7.29	99	349085	115.78	ng	-0.02
23) Nitrobenzene-d5	9.32	82	208936	76.00	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	140304	117.91	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	536782	74.86	ng	-0.02
79) Terphenyl-d14	20.11	244	995214	75.99	ng	-0.02

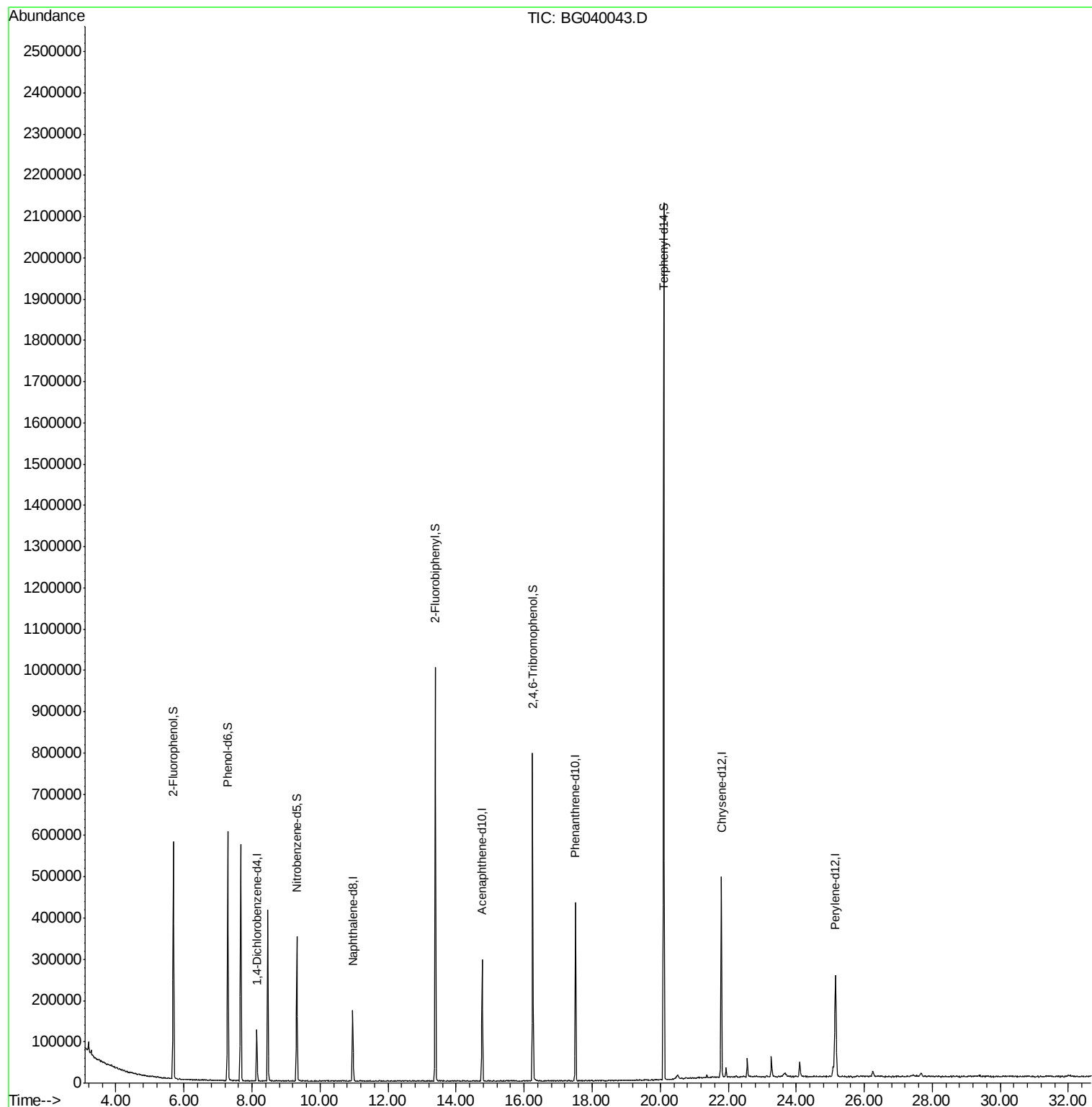
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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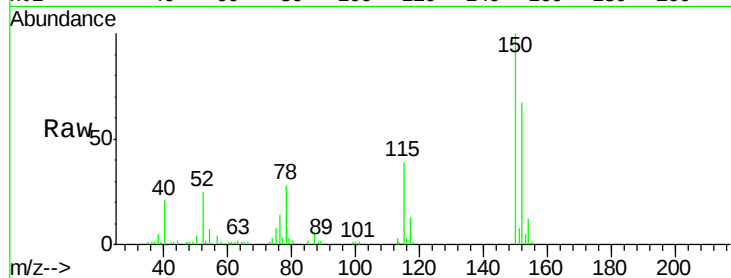


#1

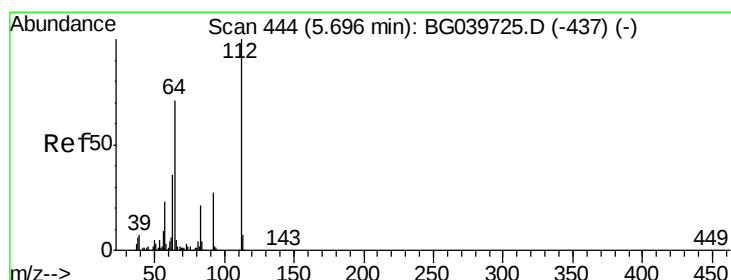
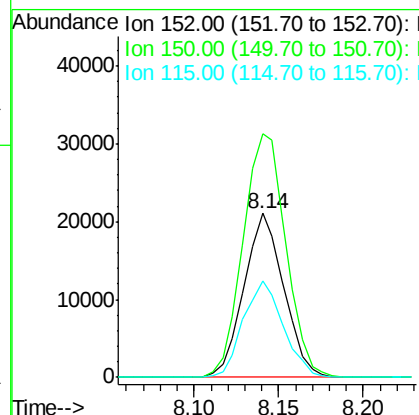
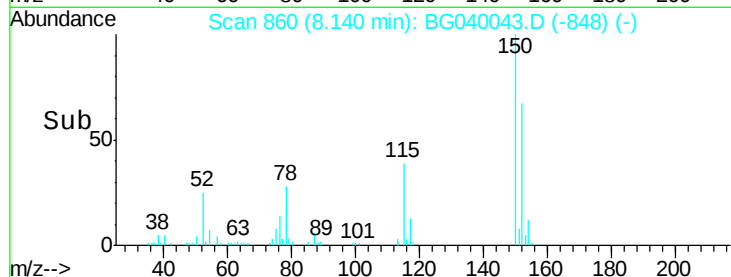
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040043.D
Acq: 20 Mar 2019 19:43

Instrument :
BNA_G
ClientSampleId :
PB118078BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.5	123.7	185.5
115	58.5	45.9	68.9



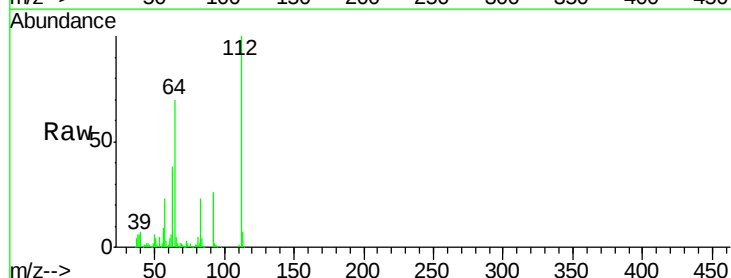
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



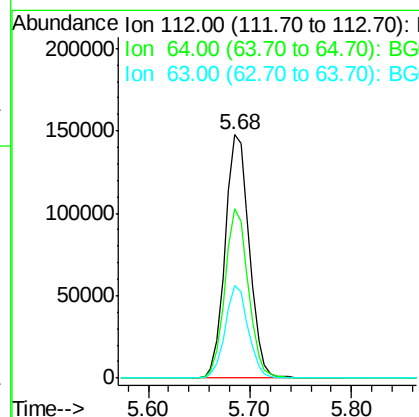
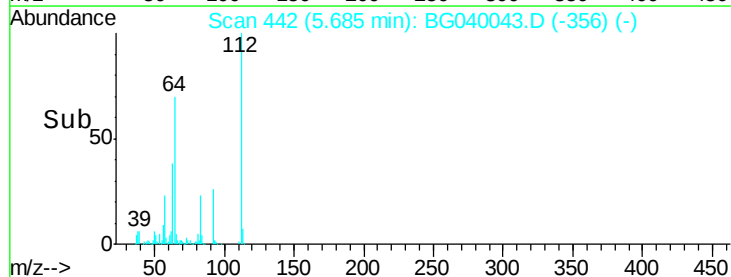
#5

2-Fluorophenol
Concen: 120.563 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040043.D
Acq: 20 Mar 2019 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	57.8	86.8
63	37.9	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: 115.781 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040043.D

Acq: 20 Mar 2019 19:43

Instrument :

BNA_G

ClientSampleId :

PB118078BL

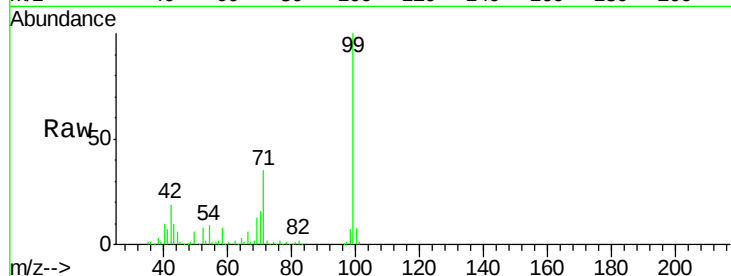
Tgt Ion: 99 Resp: 349085

Ion Ratio Lower Upper

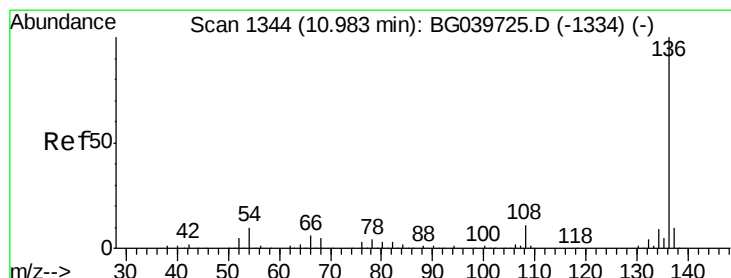
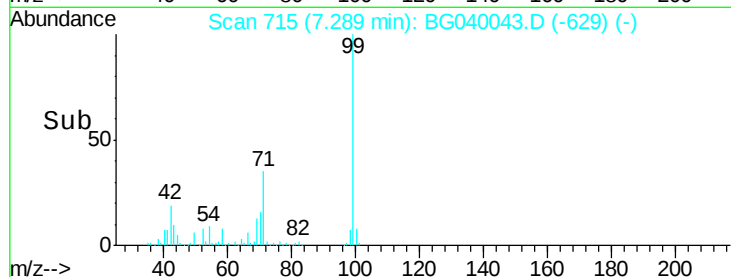
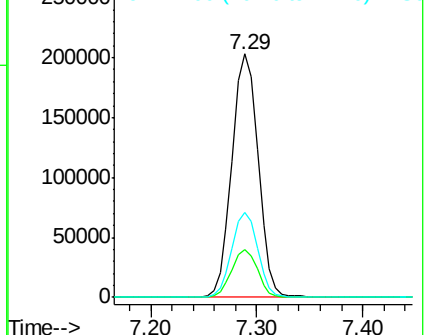
99 100

42 19.4 18.2 27.2

71 34.6 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: BG040043.D

Acq: 20 Mar 2019 19:43

Tgt Ion: 136 Resp: 148693

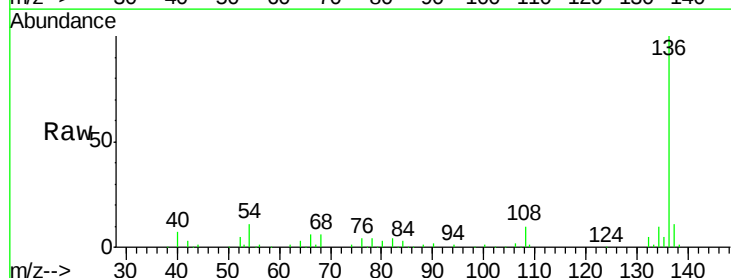
Ion Ratio Lower Upper

136 100

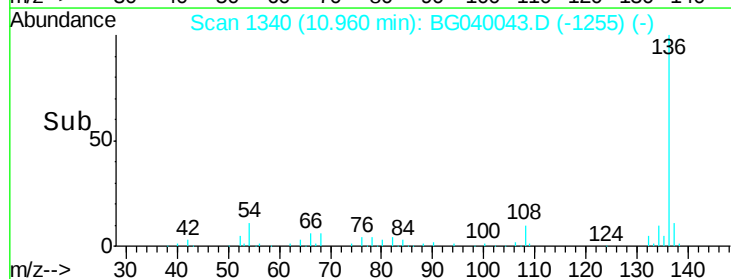
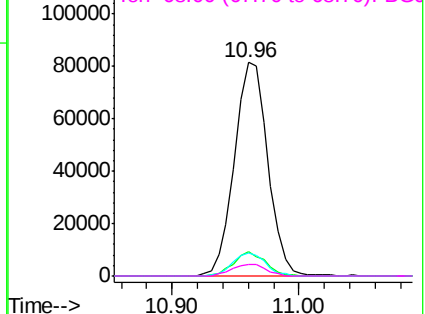
137 11.4 9.1 13.7

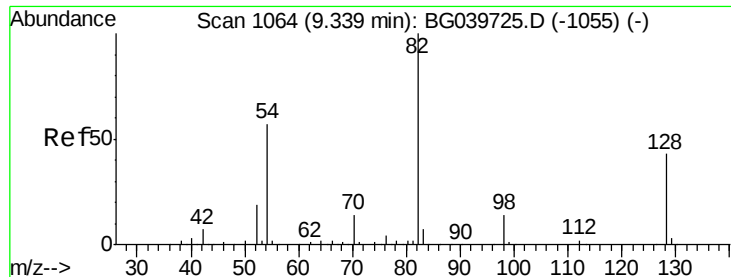
54 10.7 9.4 14.2

68 5.5 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

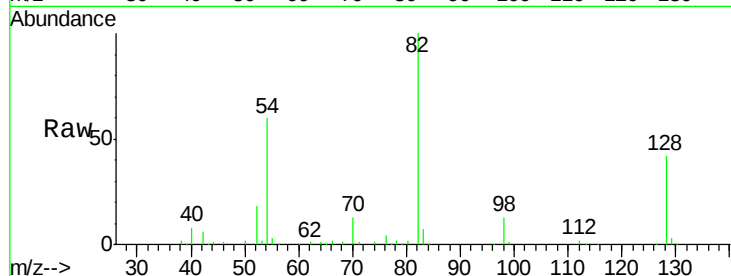




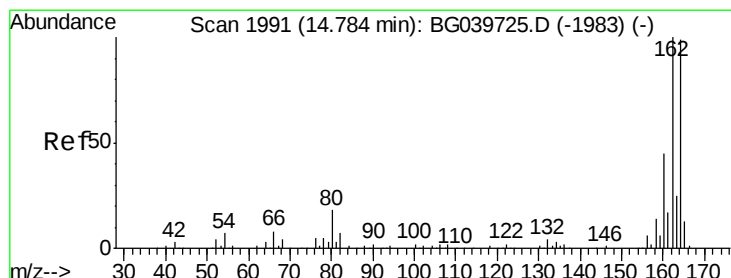
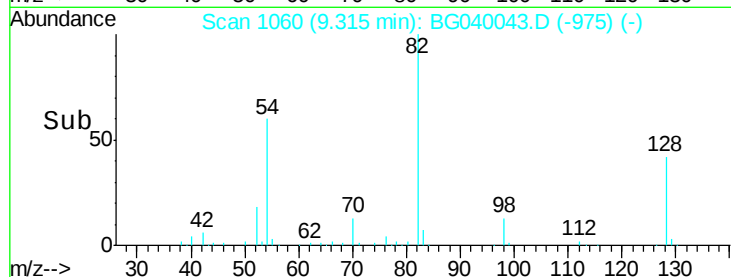
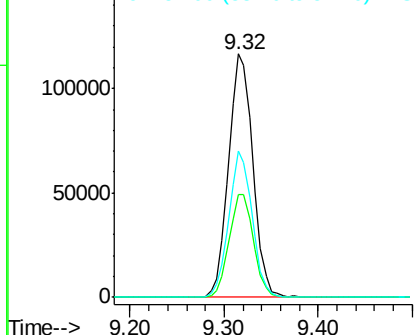
#23
Nitrobenzene-d5
Concen: 75.996 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040043.D
Acq: 20 Mar 2019 19:43

Instrument :
BNA_G
ClientSampleId :
PB118078BL

Tgt Ion: 82 Resp: 208936
Ion Ratio Lower Upper
82 100
128 42.1 31.3 46.9
54 60.0 50.9 76.3

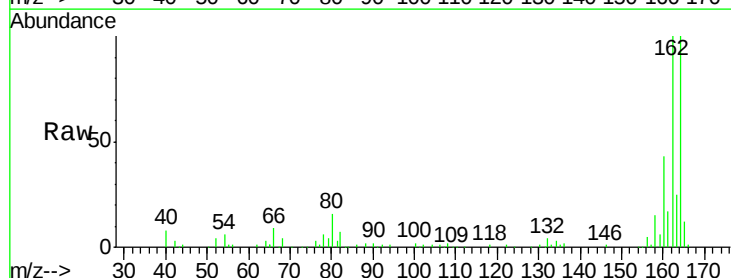


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

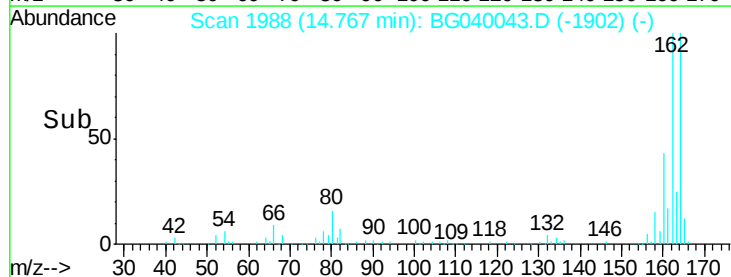
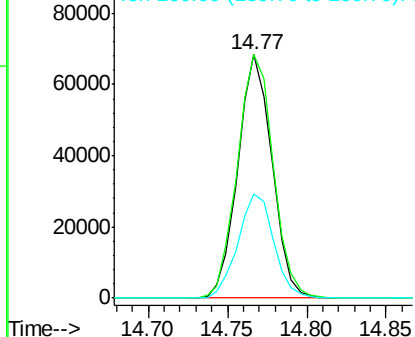


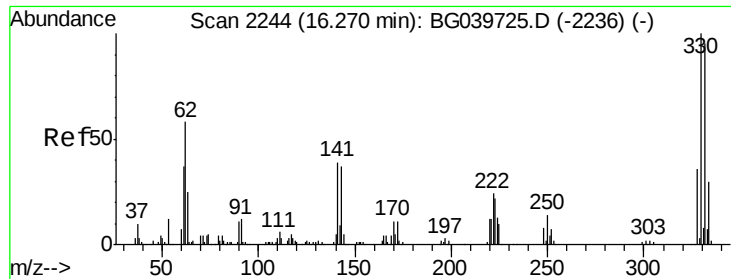
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040043.D
Acq: 20 Mar 2019 19:43

Tgt Ion: 164 Resp: 102092
Ion Ratio Lower Upper
164 100
162 100.0 81.6 122.4
160 42.8 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

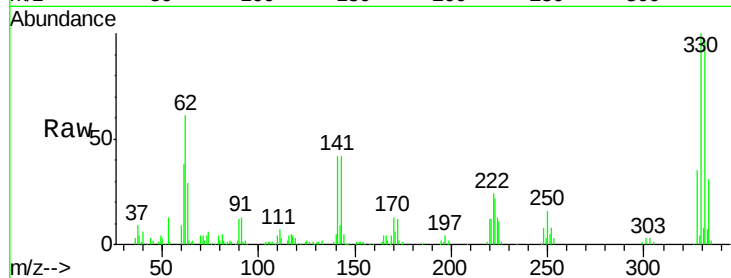




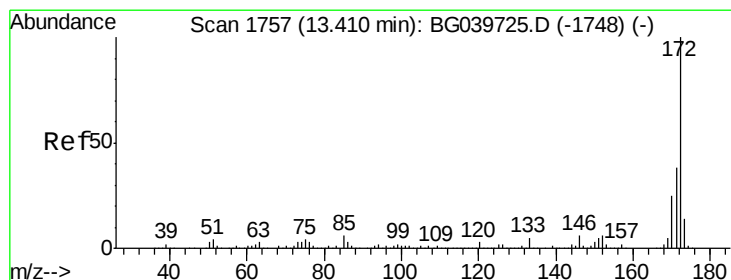
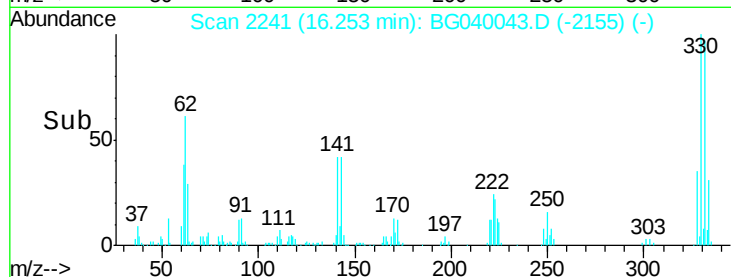
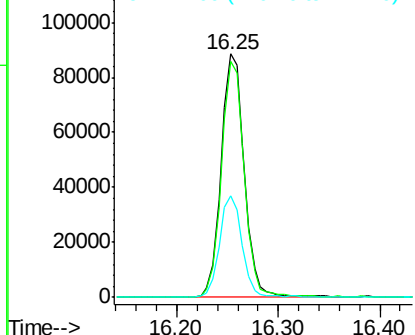
#42
 2,4,6-Tribromophenol
 Concen: 117.907 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040043.D
 Acq: 20 Mar 2019 19:43

Instrument :
 BNA_G
 ClientSampleId :
 PB118078BL

Tgt Ion:330 Resp: 140304
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.7 113.5
 141 40.4 35.6 53.4

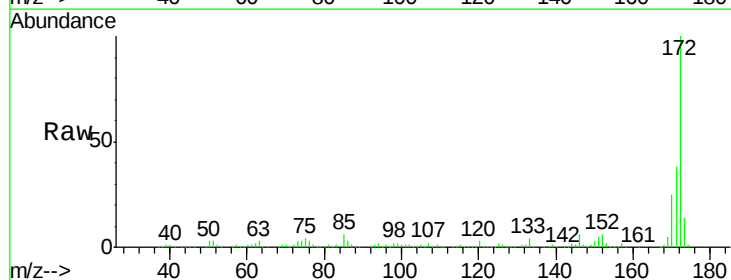


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

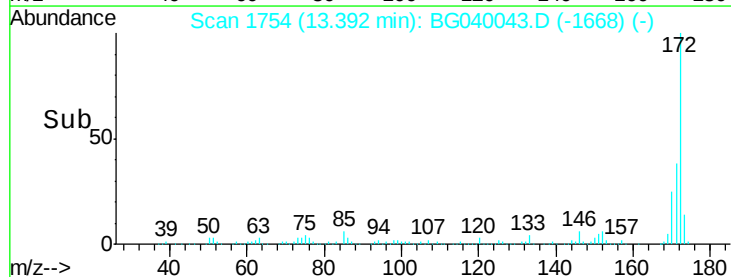
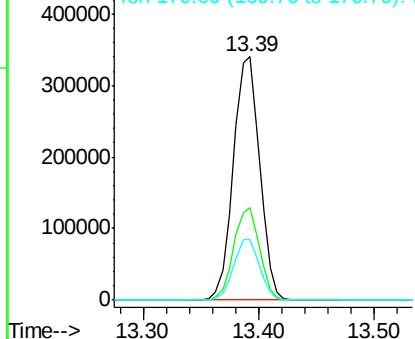


#45
 2-Fluorobiphenyl
 Concen: 74.862 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040043.D
 Acq: 20 Mar 2019 19:43

Tgt Ion:172 Resp: 536782
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 24.9 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

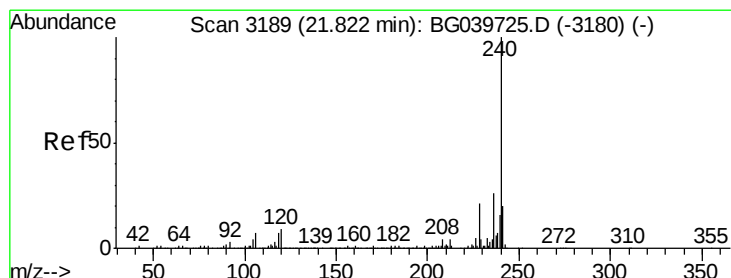
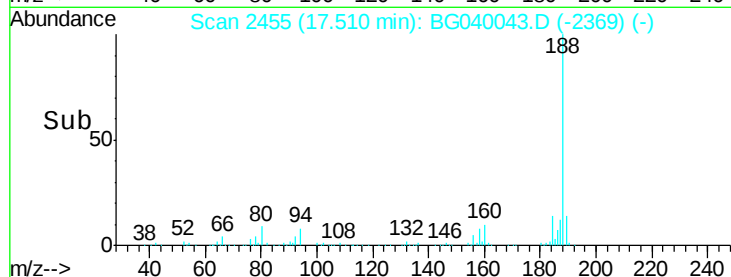
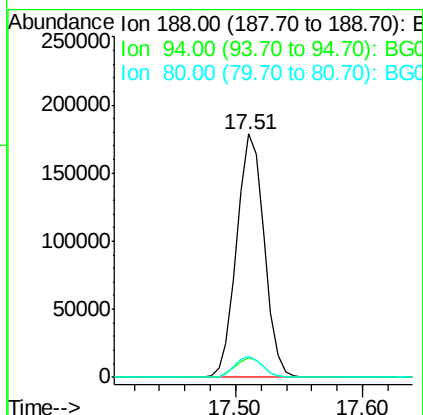
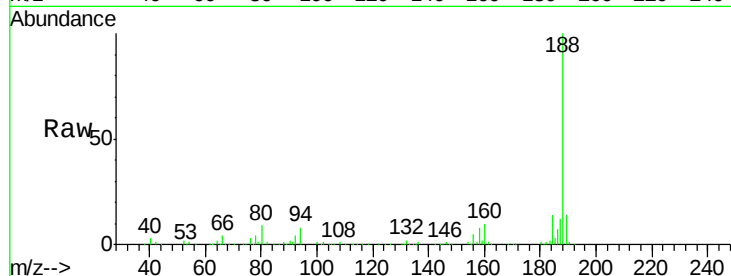




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040043.D
Acq: 20 Mar 2019 19:43

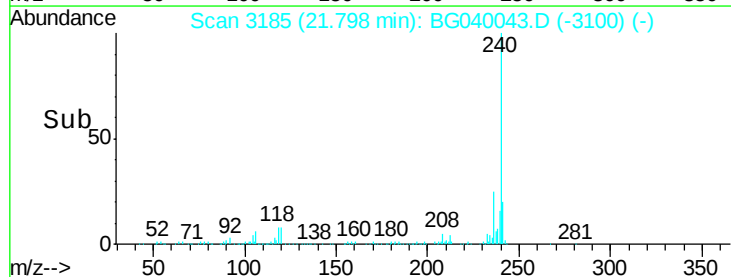
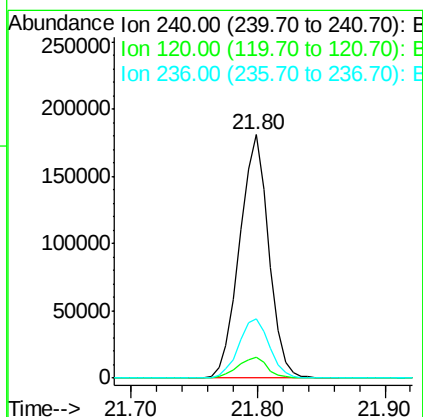
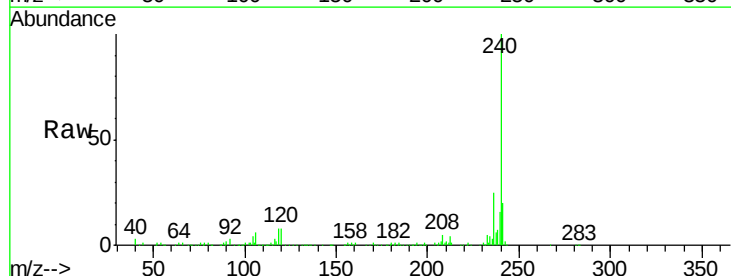
Instrument :
BNA_G
ClientSampleId :
PB118078BL

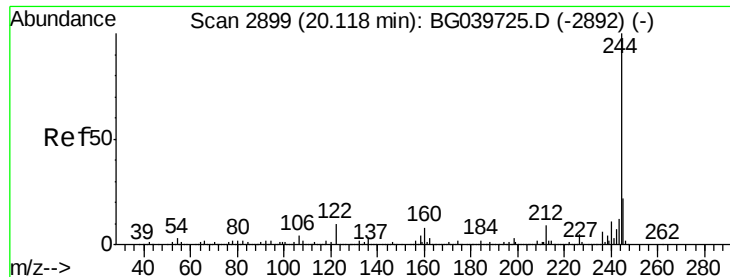
Tgt Ion:188 Resp: 267200
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 8.6 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040043.D
Acq: 20 Mar 2019 19:43

Tgt Ion:240 Resp: 288368
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 24.6 21.0 31.4





#79

Terphenyl-d14

Concen: 75.989 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040043.D

Acq: 20 Mar 2019 19:43

Instrument :

BNA_G

ClientSampleId :

PB118078BL

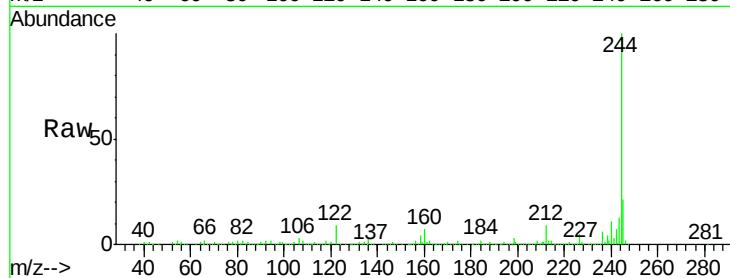
Tgt Ion:244 Resp: 995214

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

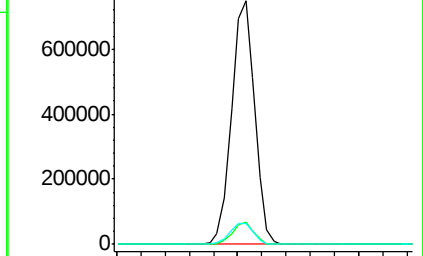
122 8.8 8.4 12.6



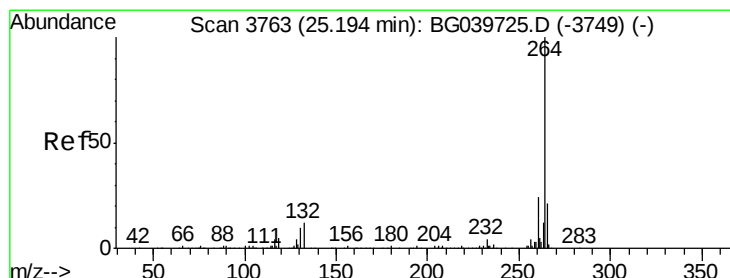
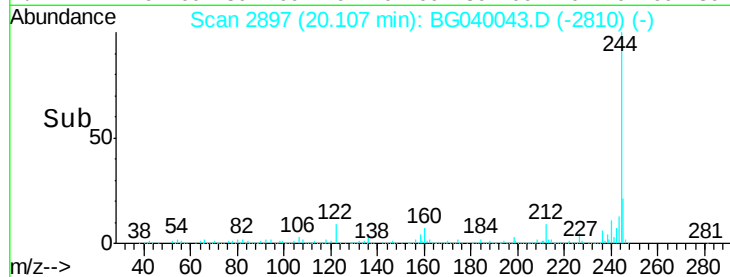
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.00 20.10 20.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040043.D

Acq: 20 Mar 2019 19:43

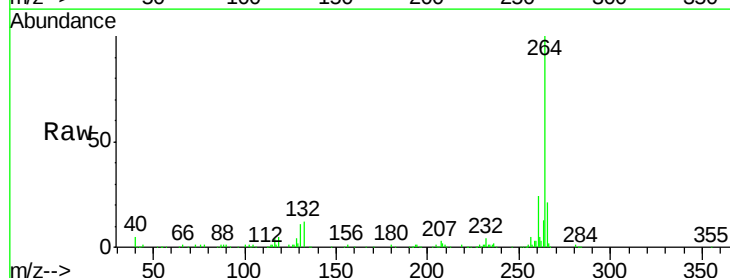
Tgt Ion:264 Resp: 280209

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

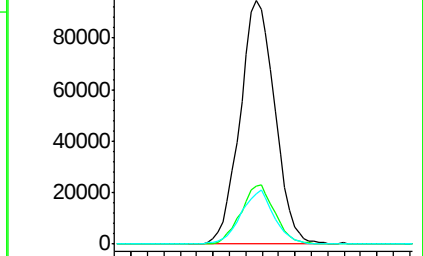
265 20.8 18.5 27.7



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



Time--> 25.00 25.10 25.20 25.30

