

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
 Data File : BG041859.D
 Acq On : 1 Aug 2019 12:21
 Operator : HP/JU
 Sample : K3622-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-A

Quant Time: Aug 01 15:14:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	102643	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	377835	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	270611	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	643767	20.00	ng	0.00
76) Chrysene-d12	21.73	240	686575	20.00	ng	0.00
87) Perylene-d12	25.00	264	792422	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	616843	116.92	ng	0.00
7) Phenol-d6	7.19	99	734034	103.21	ng	0.00
23) Nitrobenzene-d5	9.20	82	599060	109.11	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	520582	169.36	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1529350	99.68	ng	0.00
79) Terphenyl-d14	20.06	244	2586368	86.20	ng	0.00

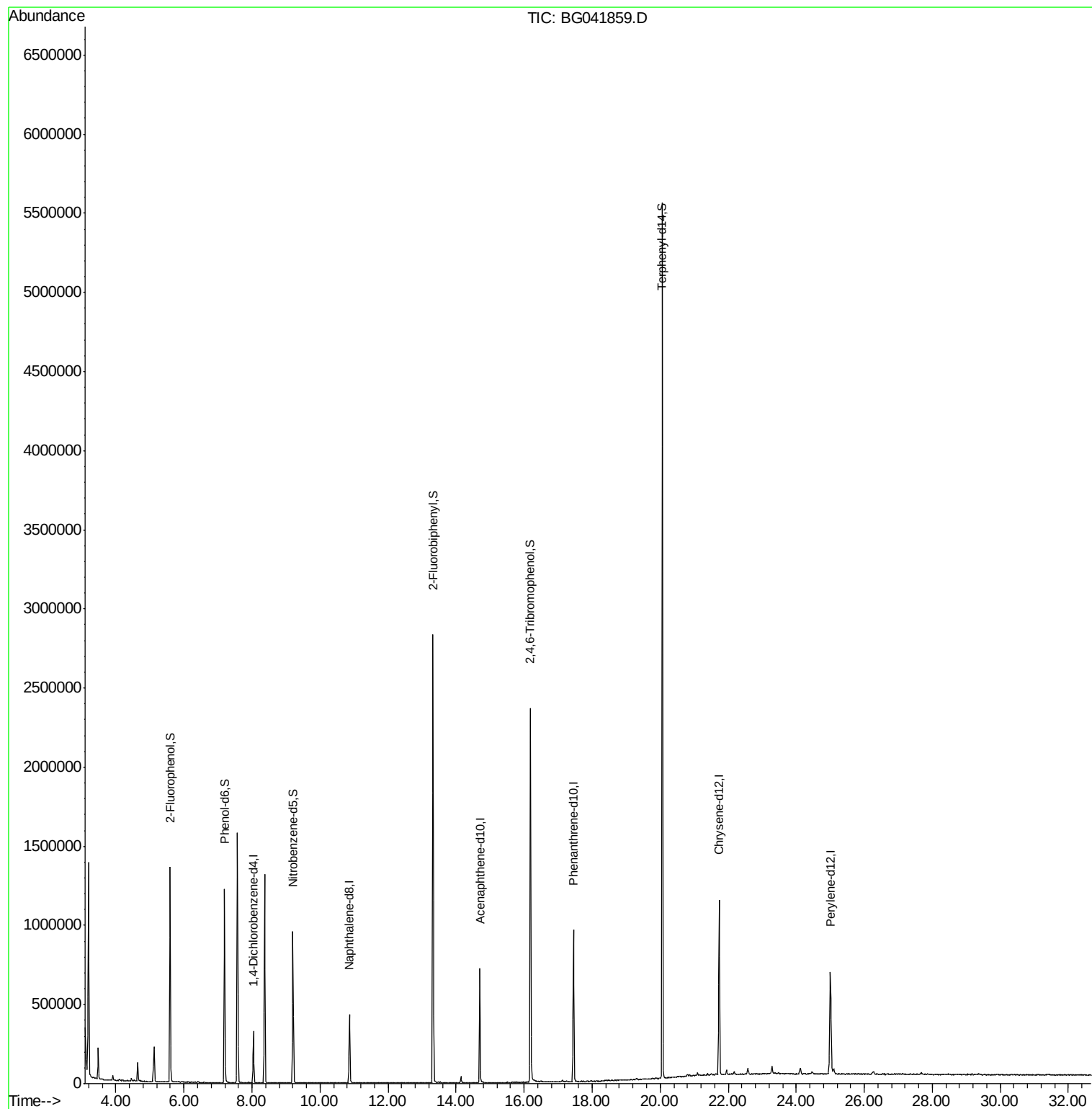
Target Compounds Qvalue

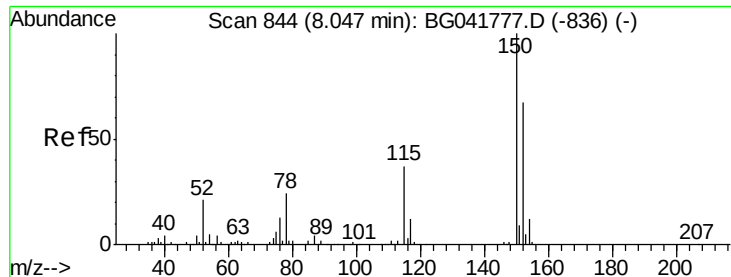
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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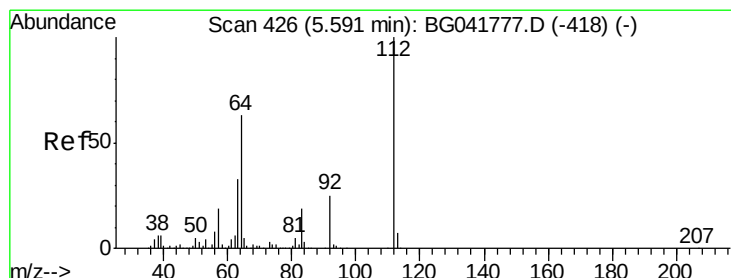
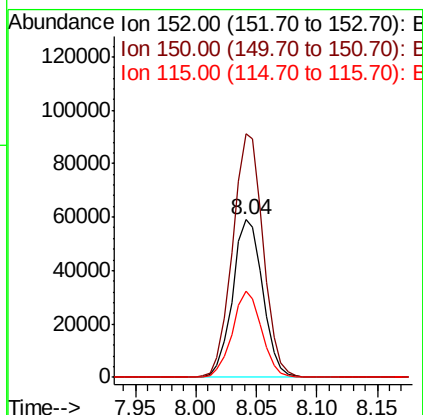
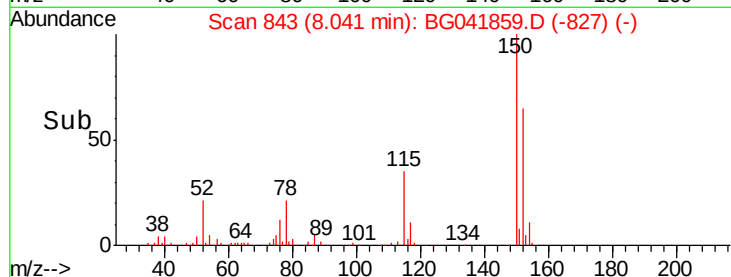
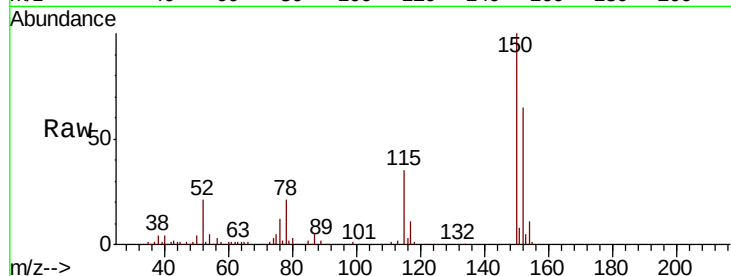


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041859.D
Acq: 1 Aug 2019 12:21

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

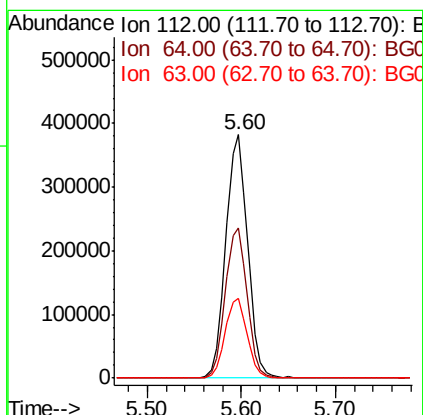
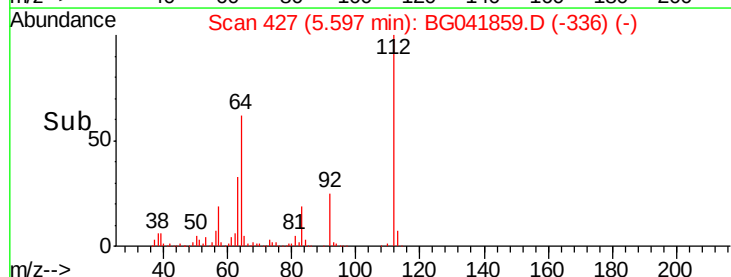
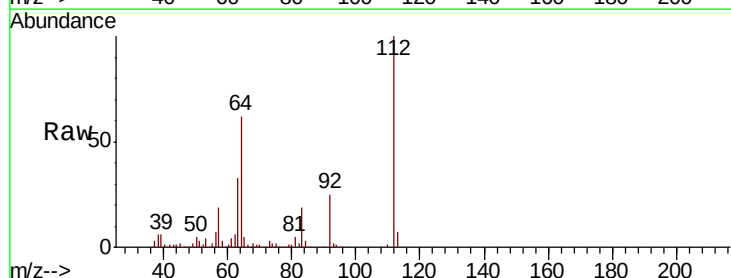
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.9	190.3
115	54.3	45.0	67.6

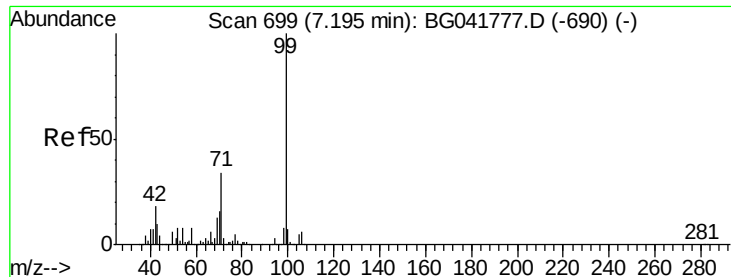


#5

2-Fluorophenol
Concen: 116.924 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG041859.D
Acq: 1 Aug 2019 12:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	55.4	83.2
63	32.8	29.1	43.7





#7

Phenol-d6

Concen: 103.206 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041859.D

Acq: 1 Aug 2019 12:21

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

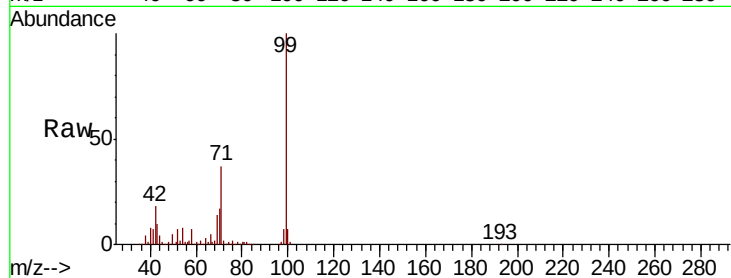
Tot Ion: 99 Resp: 734034

Ion Ratio Lower Upper

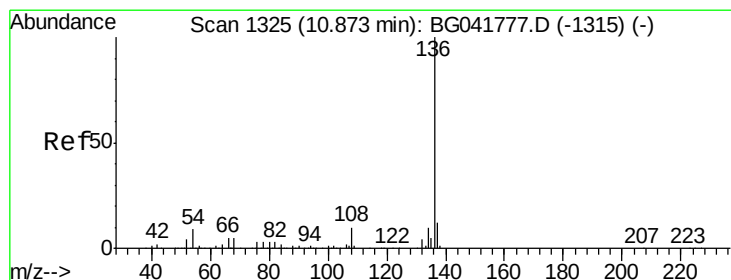
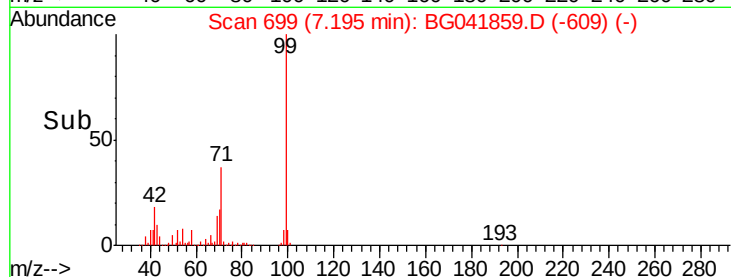
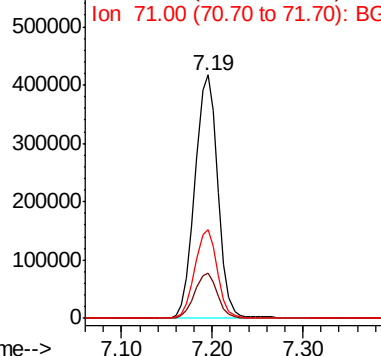
99 100

42 18.5 17.6 26.4

71 36.5 27.8 41.6



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: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG041859.D

Acq: 1 Aug 2019 12:21

Tgt Ion: 136 Resp: 377835

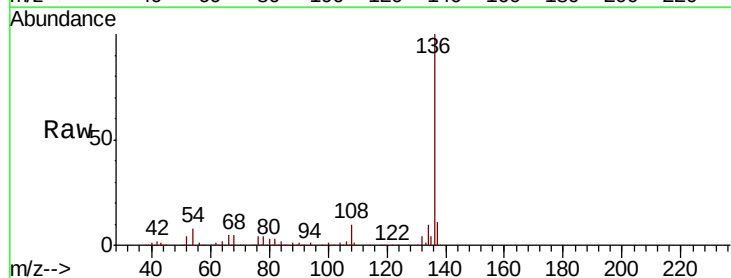
Ion Ratio Lower Upper

136 100

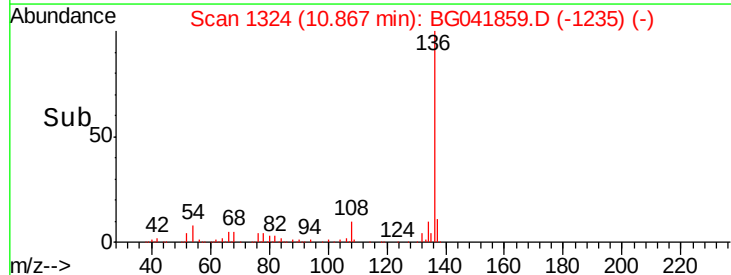
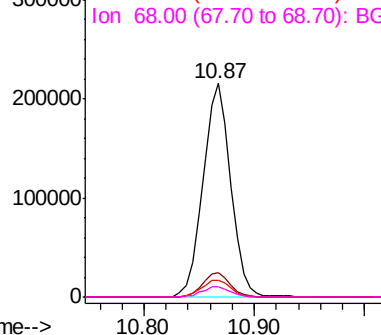
137 11.4 9.2 13.8

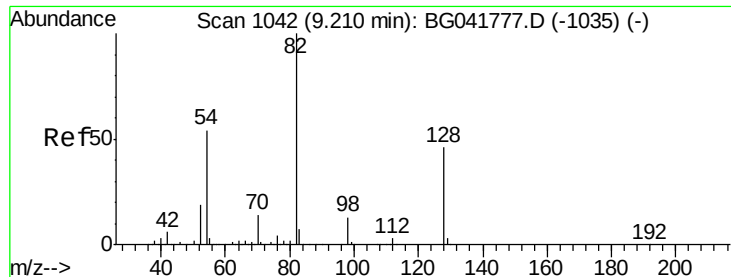
54 7.9 8.7 13.1#

68 4.8 5.5 8.3#



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

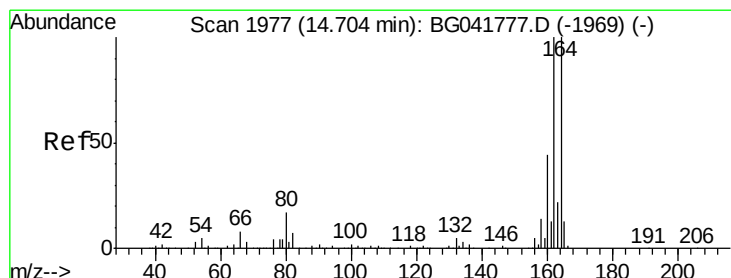
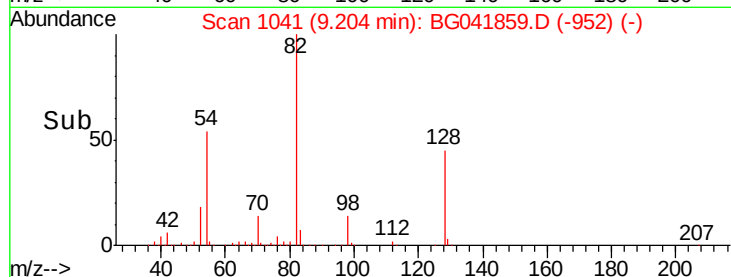
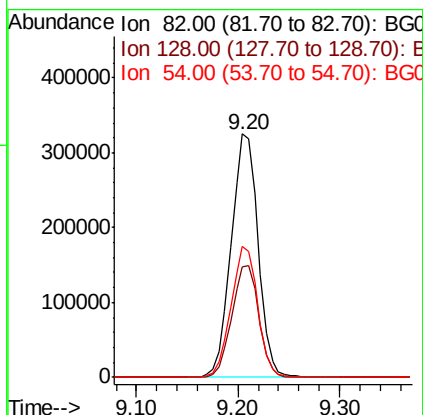
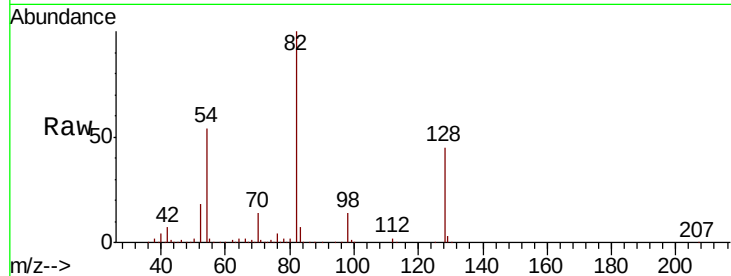




#23
 Nitrobenzene-d5
 Concen: 109.109 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041859.D
 Acq: 1 Aug 2019 12:21

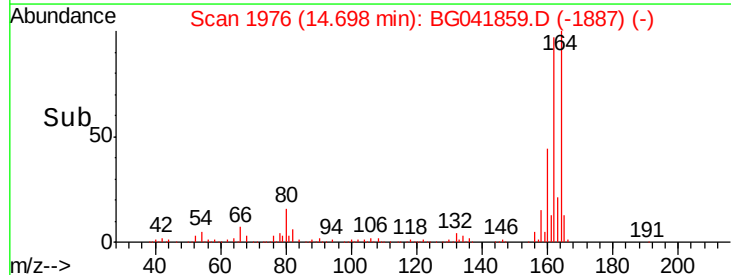
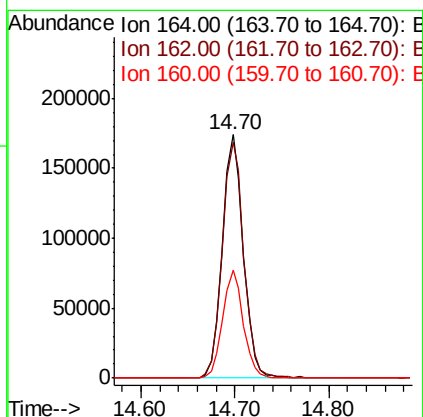
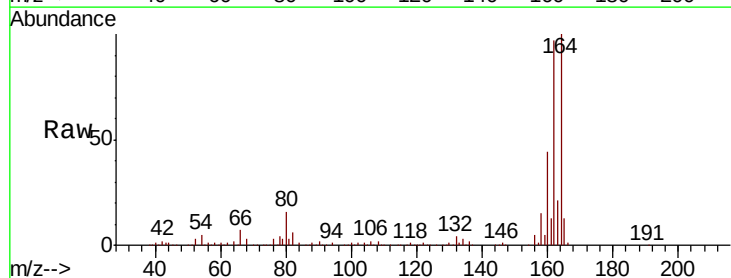
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-A

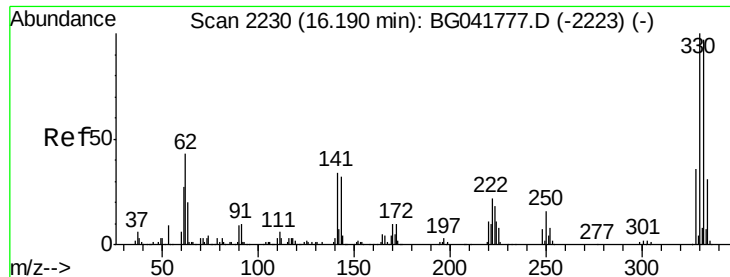
Tot Ion	82	Resp	599060
Ion Ratio	100	Lower	Upper
128	45.3	35.1	52.7
54	53.6	48.7	73.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BG041859.D
 Acq: 1 Aug 2019 12:21

Tgt Ion	164	Resp	270611
Ion Ratio	100	Lower	Upper
162	96.9	79.6	119.4
160	44.2	35.4	53.0

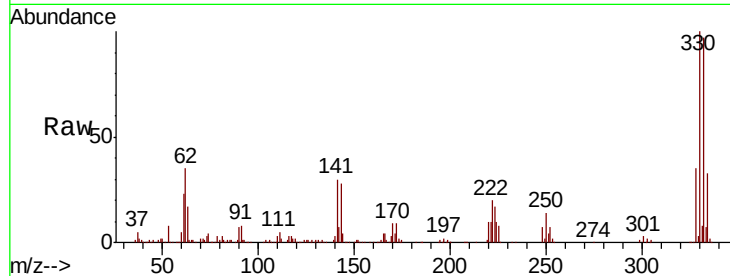




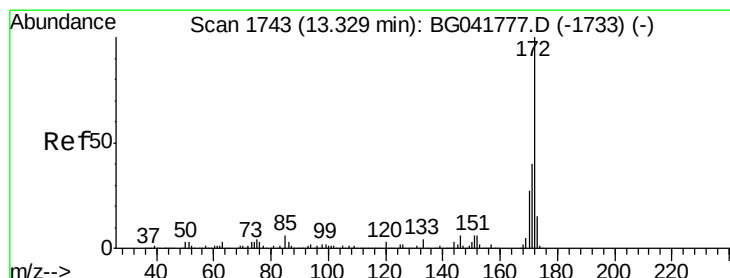
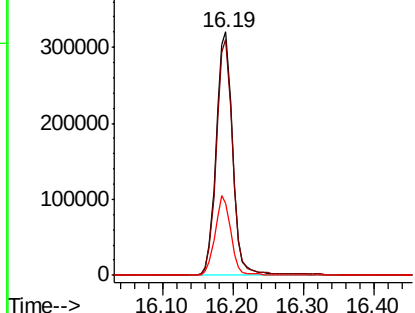
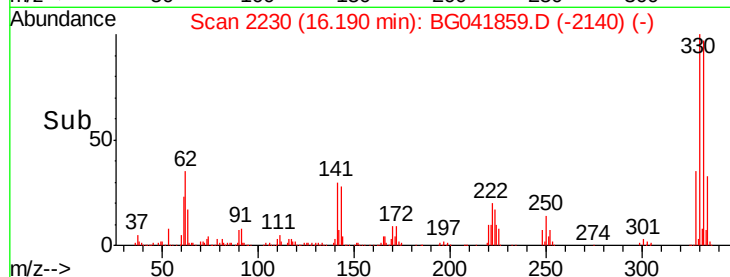
#42
 2,4,6-Tribromophenol
 Concen: 169.363 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BG041859.D
 Acq: 1 Aug 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-A

Tot Ion:330 Resp: 520582
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.0
 141 31.4 31.9 47.9#

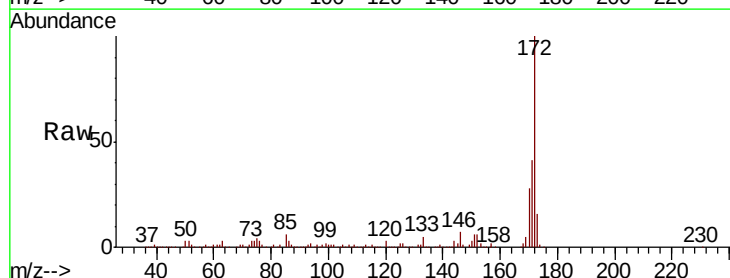


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

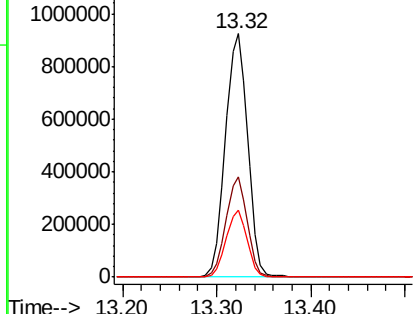
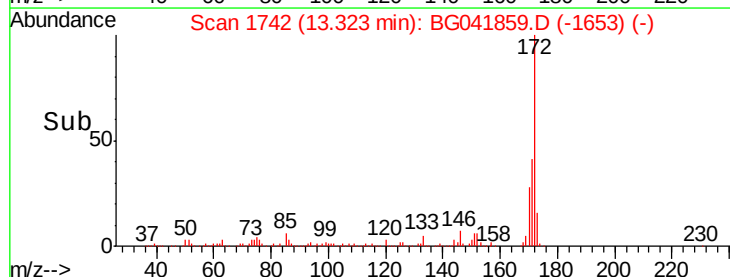


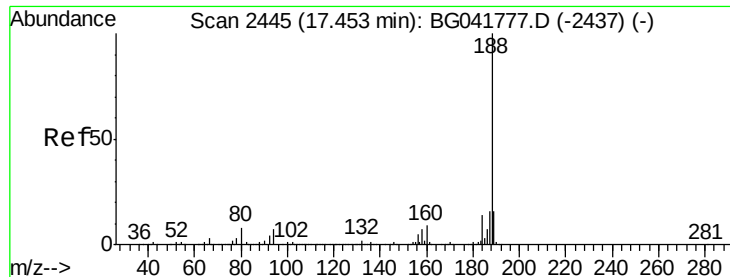
#45
 2-Fluorobiphenyl
 Concen: 99.676 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041859.D
 Acq: 1 Aug 2019 12:21

Tgt Ion:172 Resp: 1529350
 Ion Ratio Lower Upper
 172 100
 171 41.2 35.0 52.4
 170 27.5 23.5 35.3



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: 17.45 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG041859.D

Acq: 1 Aug 2019 12:21

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

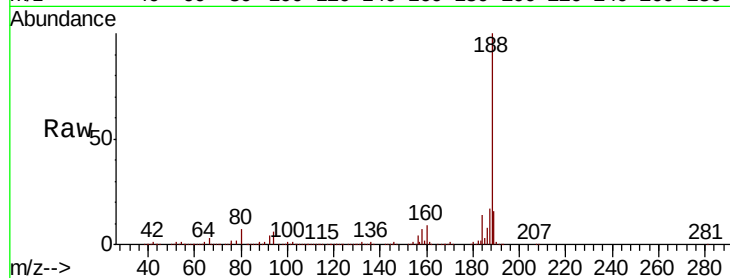
Tot Ion:188 Resp: 643767

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

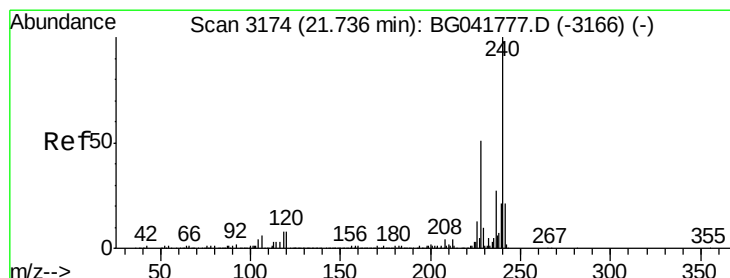
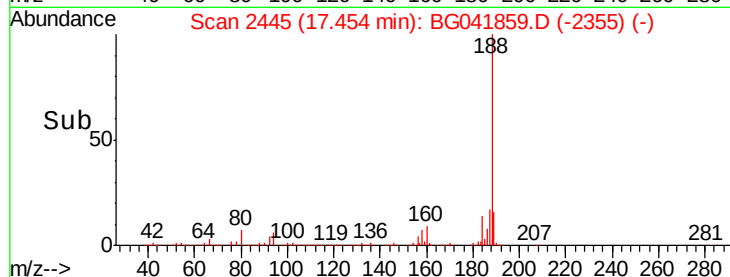
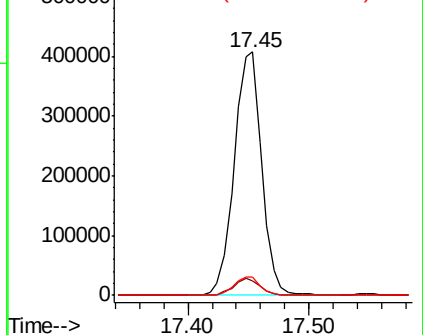
80 7.3 8.0 12.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041859.D

Acq: 1 Aug 2019 12:21

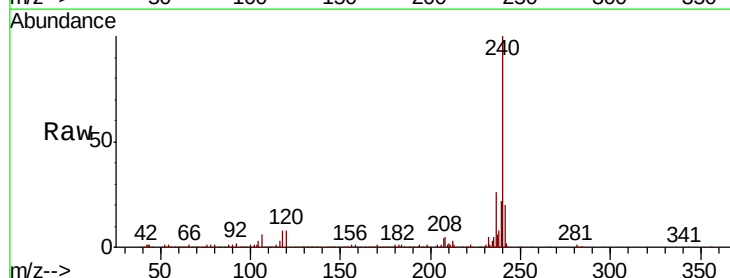
Tgt Ion:240 Resp: 686575

Ion Ratio Lower Upper

240 100

120 7.7 8.0 12.0#

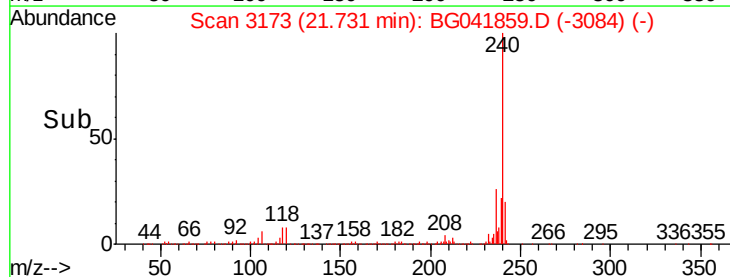
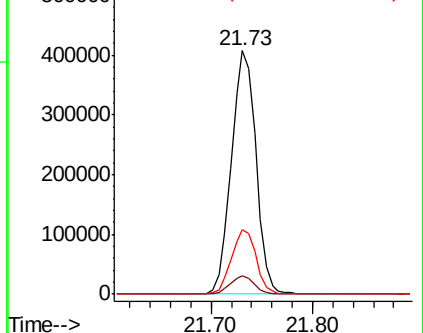
236 26.4 22.6 33.8

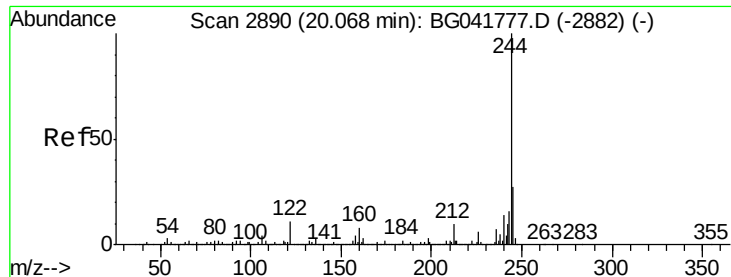


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.200 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041859.D

Acq: 1 Aug 2019 12:21

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

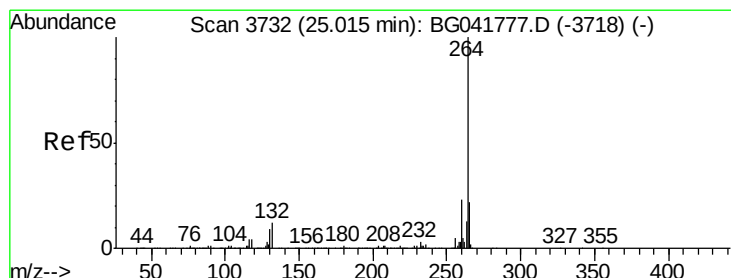
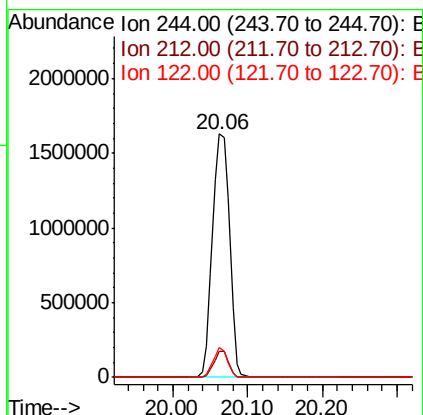
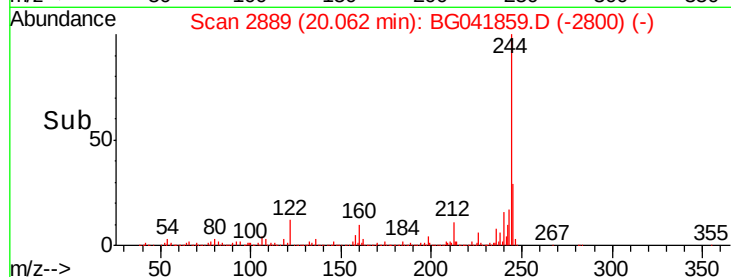
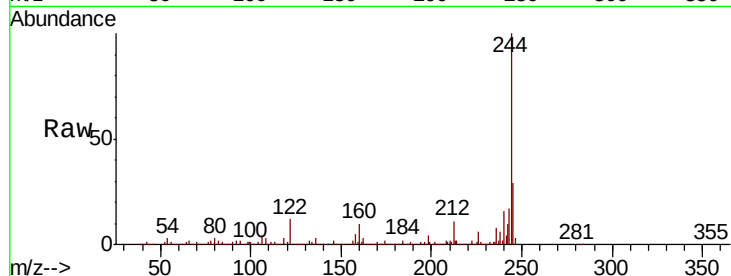
Tot Ion:244 Resp: 2586368

Ion Ratio Lower Upper

244 100

212 10.6 9.7 14.5

122 12.0 12.5 18.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.01 min

Lab File: BG041859.D

Acq: 1 Aug 2019 12:21

Tgt Ion:264 Resp: 792422

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 22.3 18.0 27.0

