

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
 Data File : BG041884.D
 Acq On : 2 Aug 2019 12:06
 Operator : HP/JU
 Sample : PB121894BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121894BL

Quant Time: Aug 02 18:11:48 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	102028	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	401194	20.00	ng	-0.01
39) Acenaphthene-d10	14.70	164	287135	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	668405	20.00	ng	0.00
76) Chrysene-d12	21.73	240	687315	20.00	ng	0.00
87) Perylene-d12	25.00	264	777744	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	708044	135.02	ng	0.00
7) Phenol-d6	7.20	99	954140	134.96	ng	0.00
23) Nitrobenzene-d5	9.21	82	574090	98.47	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	490011	150.24	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1579070	96.99	ng	-0.01
79) Terphenyl-d14	20.06	244	2528502	84.18	ng	0.00

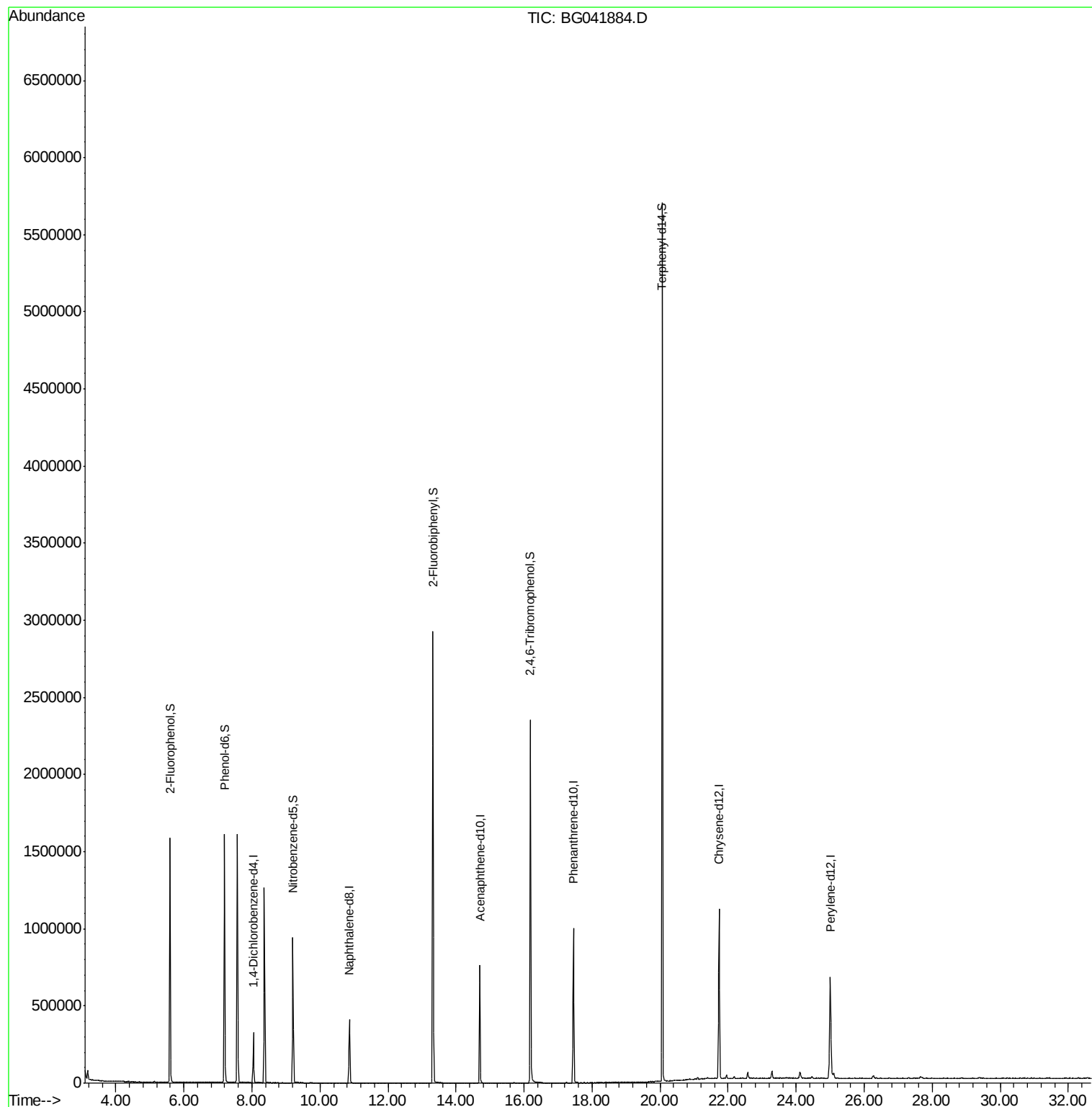
Target Compounds Qvalue

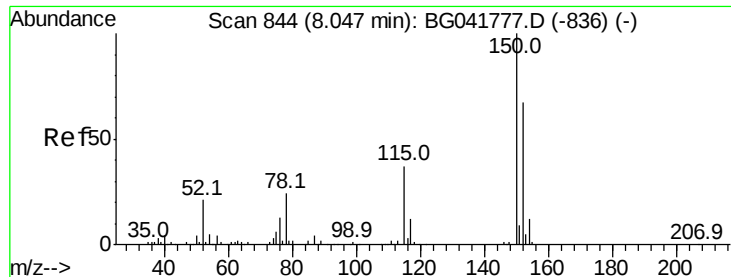
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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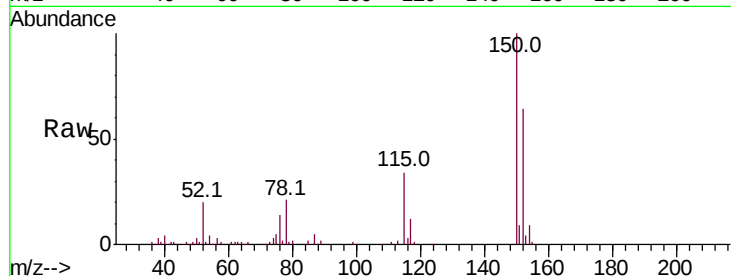


#1

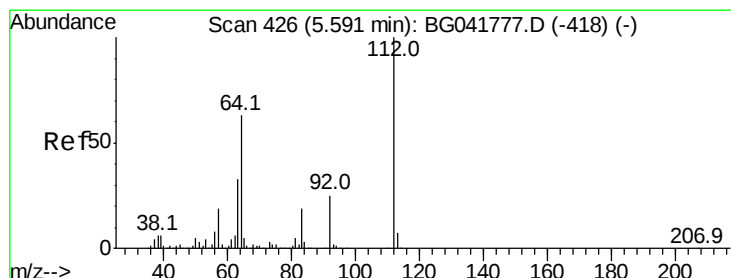
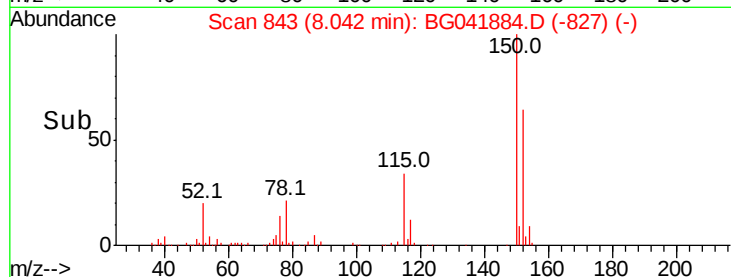
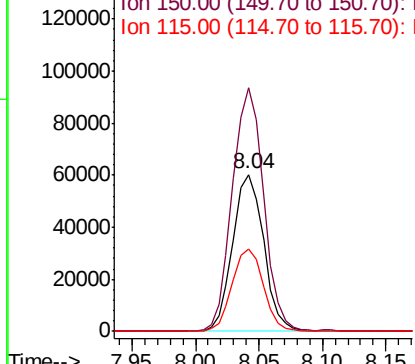
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041884.D
Acq: 2 Aug 2019 12:06

Instrument :
BNA_G
ClientSampleId :
PB121894BL

Tot Ion:152 Resp: 102028
Ion Ratio Lower Upper
152 100
150 155.3 126.9 190.3
115 52.8 45.0 67.6



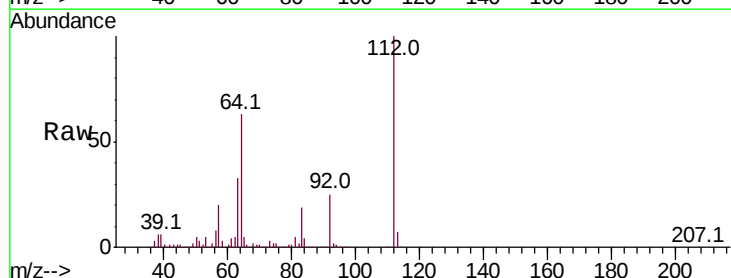
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



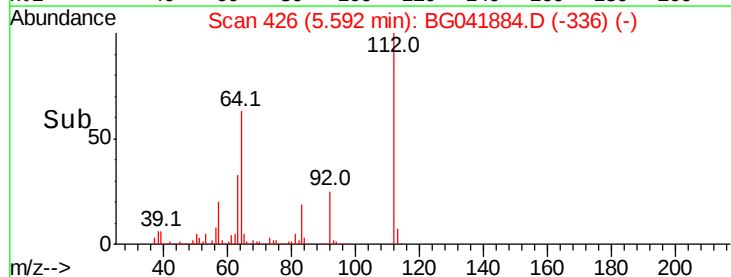
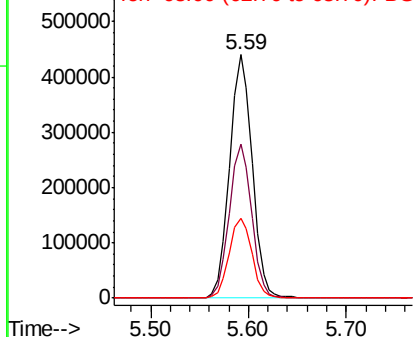
#5

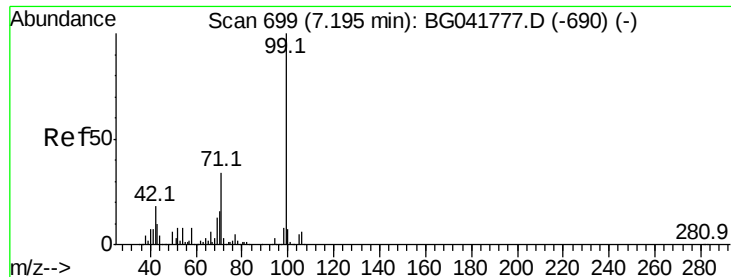
2-Fluorophenol
Concen: 135.020 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041884.D
Acq: 2 Aug 2019 12:06

Tgt Ion:112 Resp: 708044
Ion Ratio Lower Upper
112 100
64 63.0 55.4 83.2
63 32.7 29.1 43.7



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: 134.961 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041884.D

Acq: 2 Aug 2019 12:06

Instrument :

BNA_G

ClientSampleId :

PB121894BL

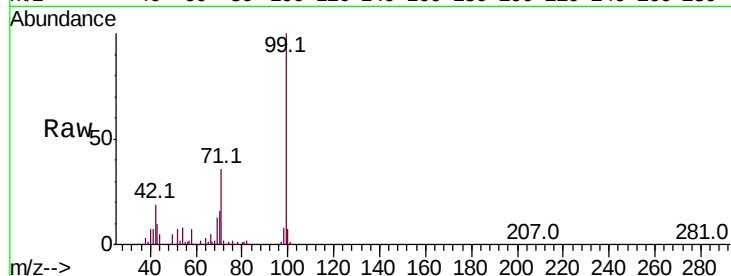
Tot Ion: 99 Resp: 954140

Ion Ratio Lower Upper

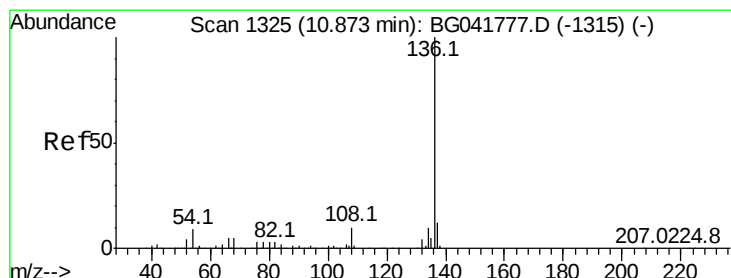
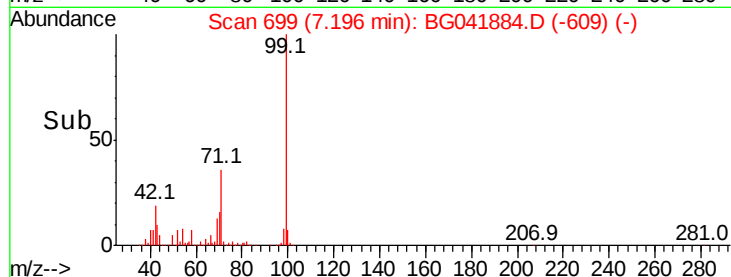
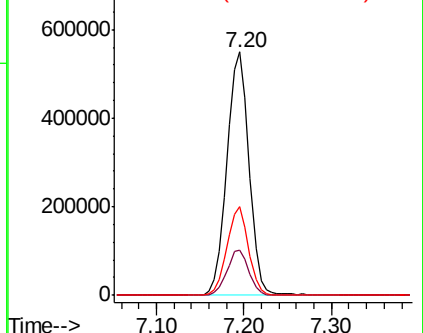
99 100

42 18.6 17.6 26.4

71 36.4 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: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG041884.D

Acq: 2 Aug 2019 12:06

Tgt Ion: 136 Resp: 401194

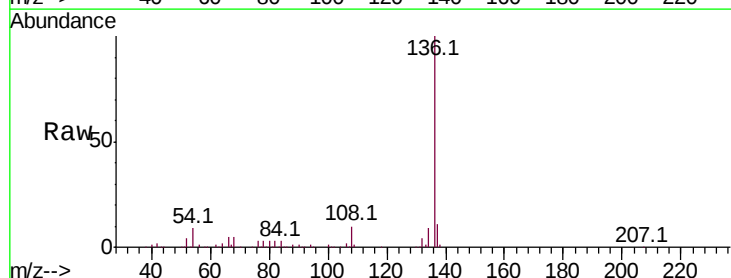
Ion Ratio Lower Upper

136 100

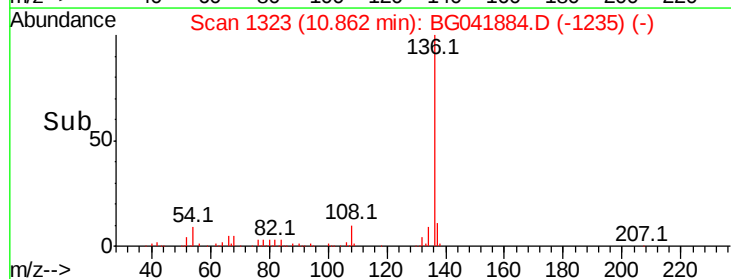
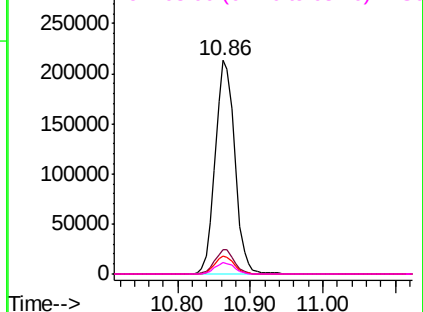
137 11.1 9.2 13.8

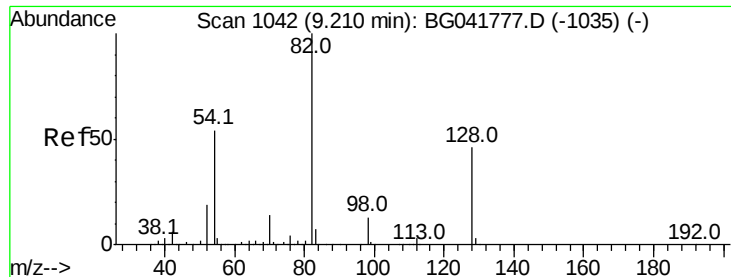
54 8.5 8.7 13.1#

68 5.2 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

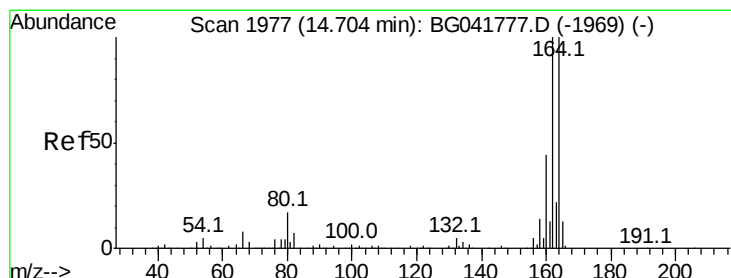
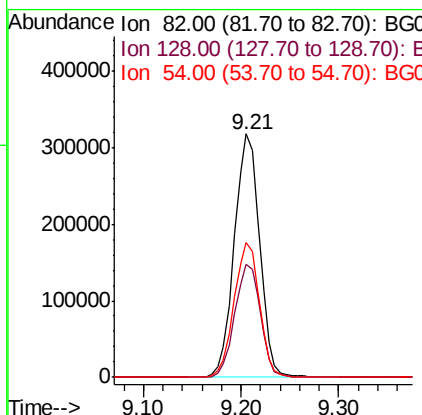
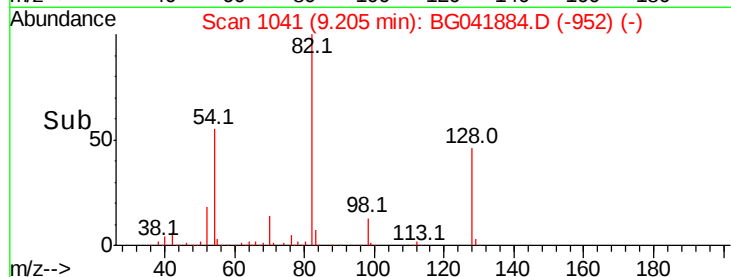
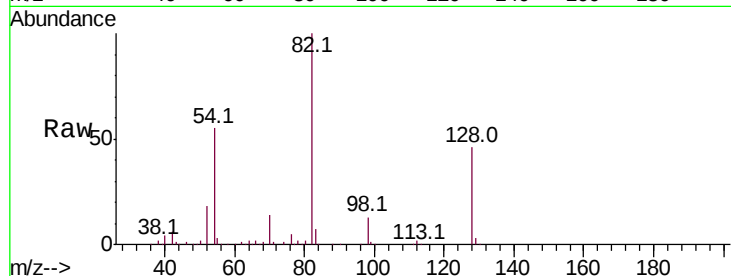




#23
 Nitrobenzene-d5
 Concen: 98.473 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041884.D
 Acq: 2 Aug 2019 12:06

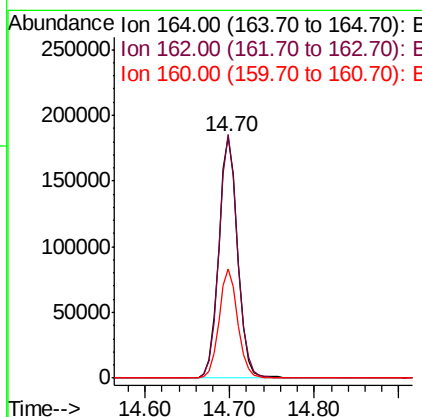
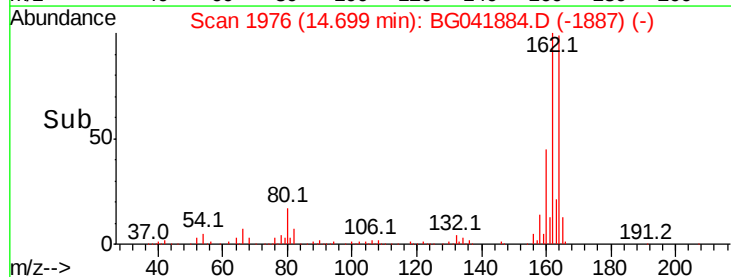
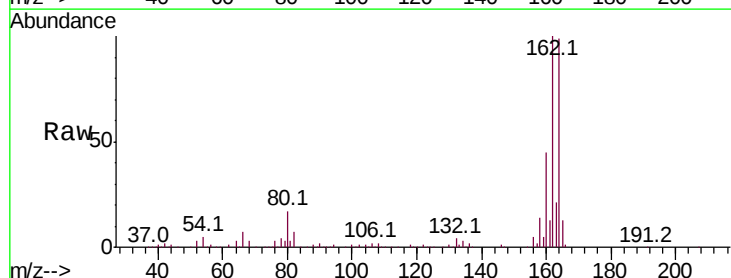
Instrument :
 BNA_G
 ClientSampleId :
 PB121894BL

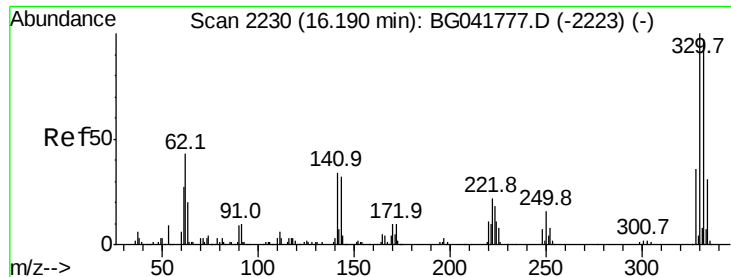
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.1	52.7
54	55.3	48.7	73.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG041884.D
 Acq: 2 Aug 2019 12:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.6	119.4
160	45.2	35.4	53.0

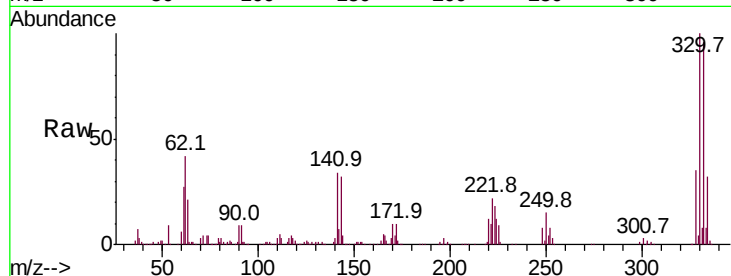




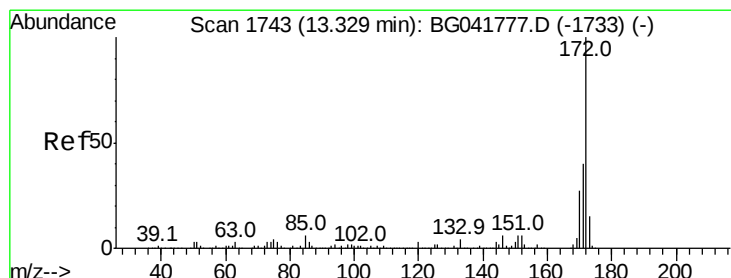
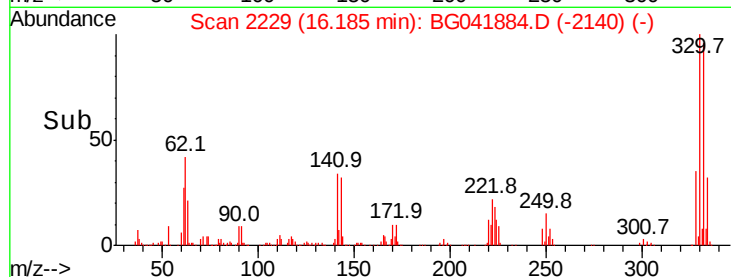
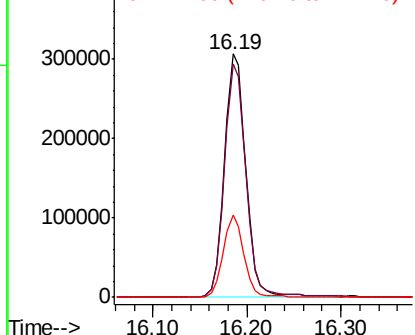
#42
 2,4,6-Tribromophenol
 Concen: 150.243 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG041884.D
 Acq: 2 Aug 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :
 PB121894BL

Tot Ion:330 Resp: 490011
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.0
 141 33.0 31.9 47.9

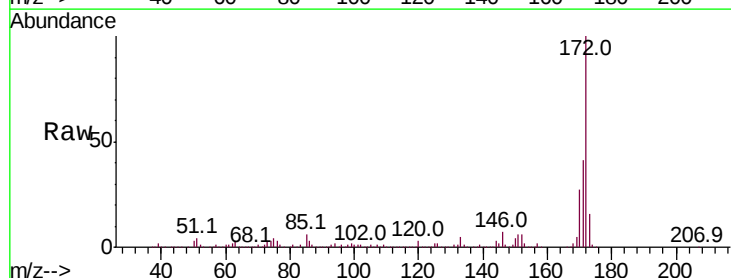


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

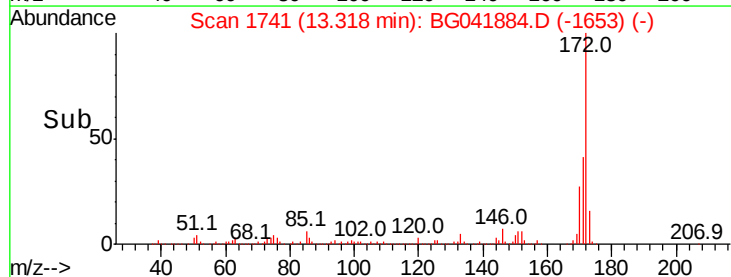
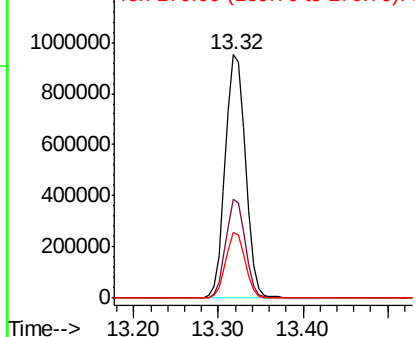


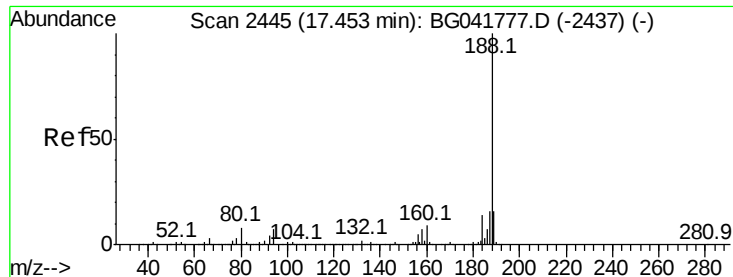
#45
 2-Fluorobiphenyl
 Concen: 96.994 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041884.D
 Acq: 2 Aug 2019 12:06

Tgt Ion:172 Resp: 1579070
 Ion Ratio Lower Upper
 172 100
 171 40.7 35.0 52.4
 170 26.9 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

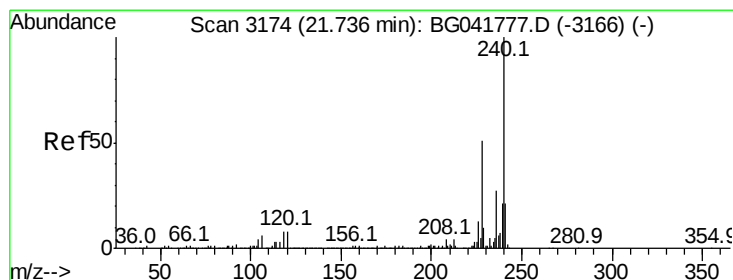
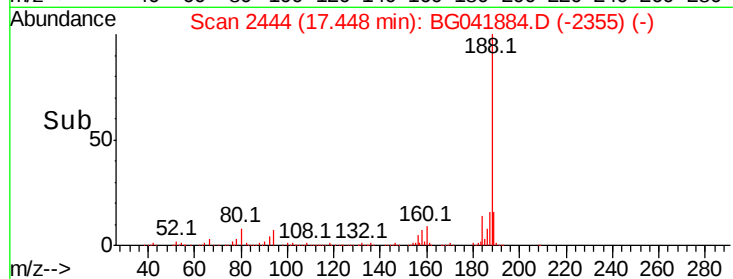
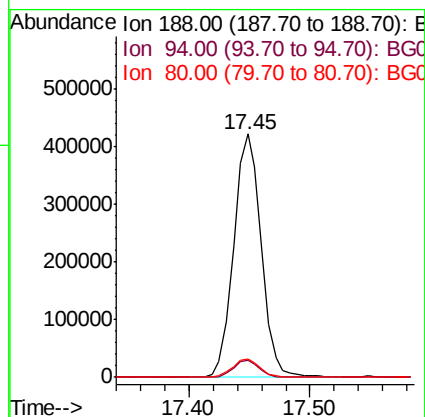
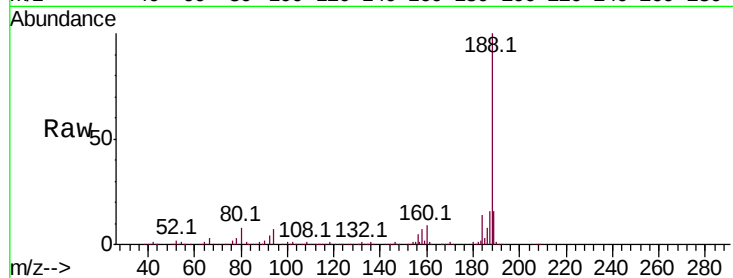




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG041884.D
Acq: 2 Aug 2019 12:06

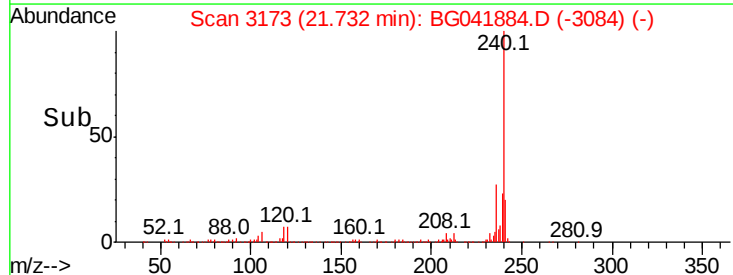
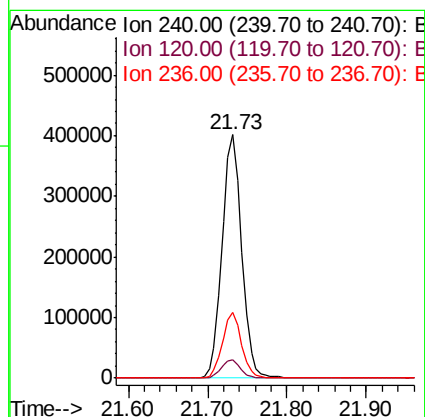
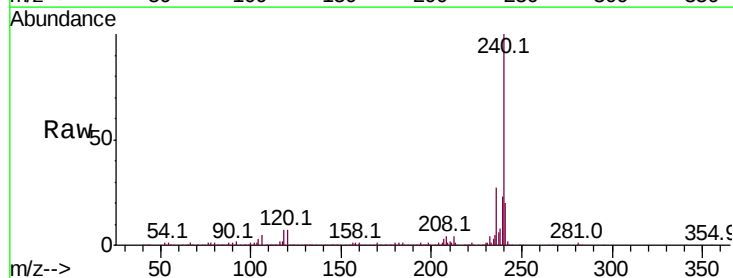
Instrument :
BNA_G
ClientSampleId :
PB121894BL

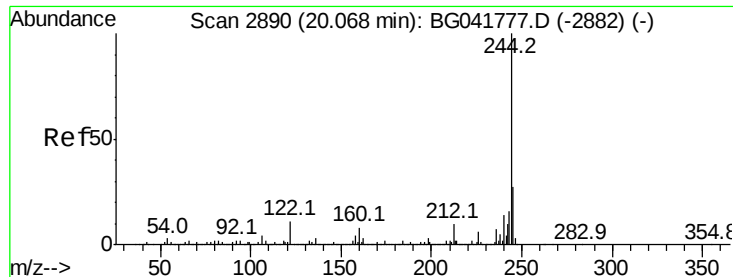
Tot Ion:188 Resp: 668405
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.7 8.0 12.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BG041884.D
Acq: 2 Aug 2019 12:06

Tgt Ion:240 Resp: 687315
Ion Ratio Lower Upper
240 100
120 7.4 8.0 12.0#
236 27.0 22.6 33.8





#79

Terphenyl-d14

Concen: 84.181 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041884.D

Acq: 2 Aug 2019 12:06

Instrument :

BNA_G

ClientSampleId :

PB121894BL

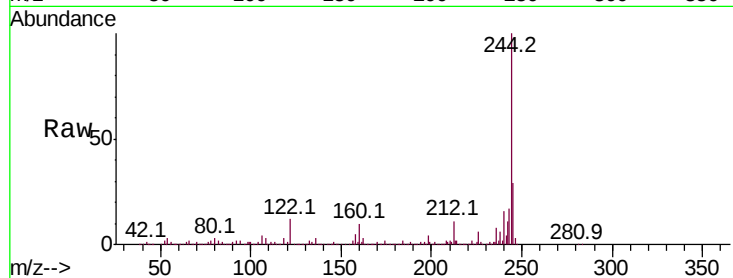
Tot Ion:244 Resp: 2528502

Ion	Ratio	Lower	Upper
244	100		
212	10.7	9.7	14.5
122	12.0	12.5	18.7

244 100

212 10.7 9.7 14.5

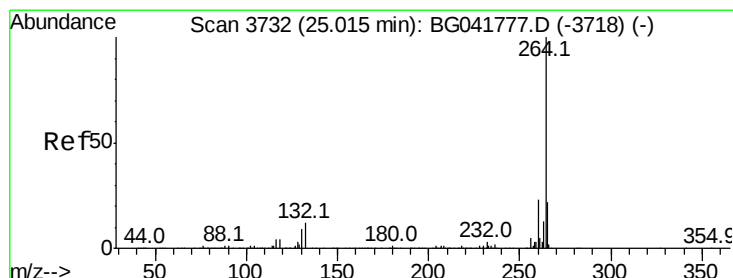
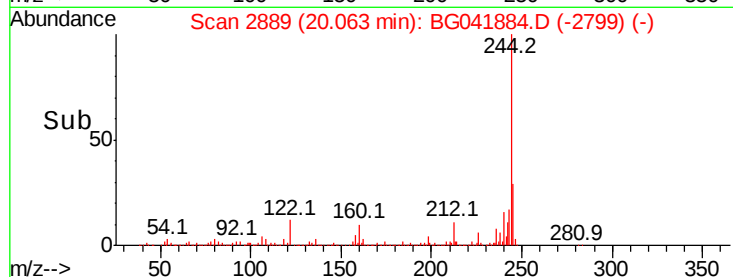
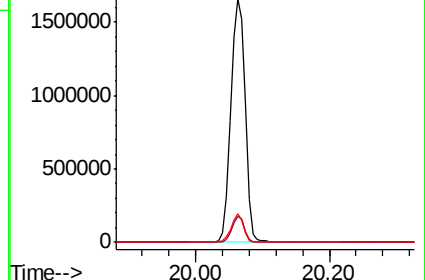
122 12.0 12.5 18.7



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: 25.00 min Scan# 3730

Delta R.T. -0.01 min

Lab File: BG041884.D

Acq: 2 Aug 2019 12:06

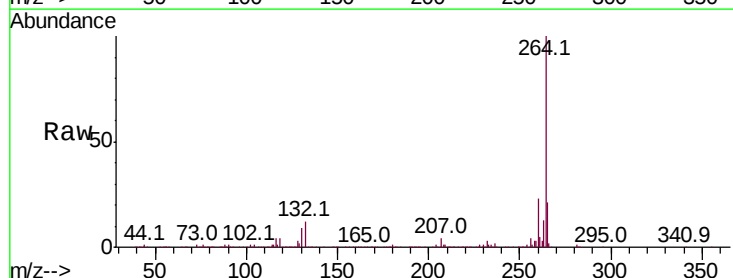
Tgt Ion:264 Resp: 777744

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.2	18.0	27.0

264 100

260 23.1 19.5 29.3

265 21.2 18.0 27.0



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

