

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
 Data File : BG041862.D
 Acq On : 1 Aug 2019 14:16
 Operator : HP/JU
 Sample : K4021-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8-A

Quant Time: Aug 02 01:54:01 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

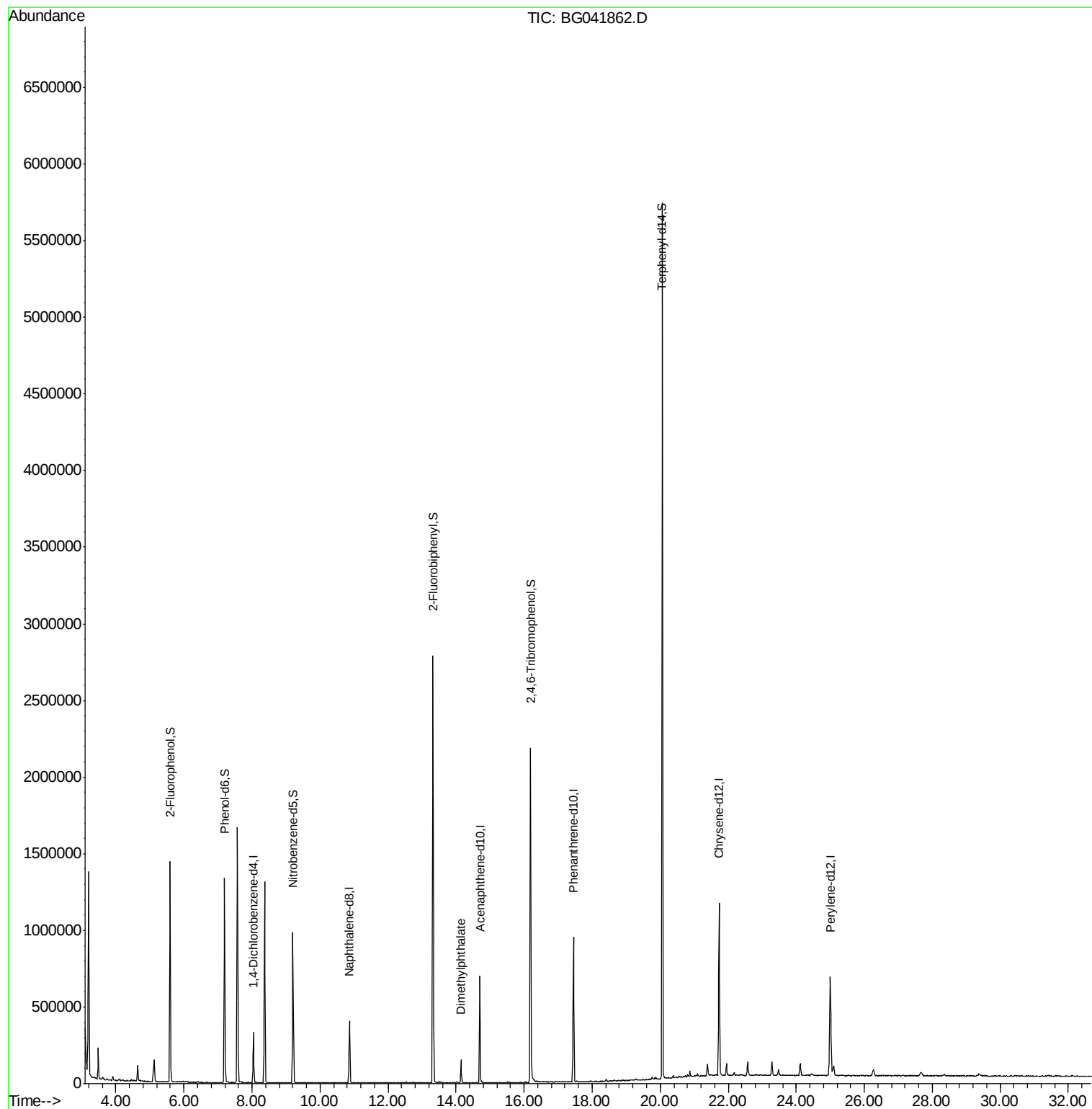
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	102444	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	377556	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	267106	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	625160	20.00	ng	0.00
76) Chrysene-d12	21.73	240	663491	20.00	ng	0.00
87) Perylene-d12	25.00	264	763678	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	657438	124.86	ng	0.00
7) Phenol-d6	7.20	99	792595	111.66	ng	0.00
23) Nitrobenzene-d5	9.20	82	608609	110.93	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	495812	163.42	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1515143	100.05	ng	0.00
79) Terphenyl-d14	20.06	244	2561430	88.34	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.15	163	118729	6.509	ng	Qvalue 97

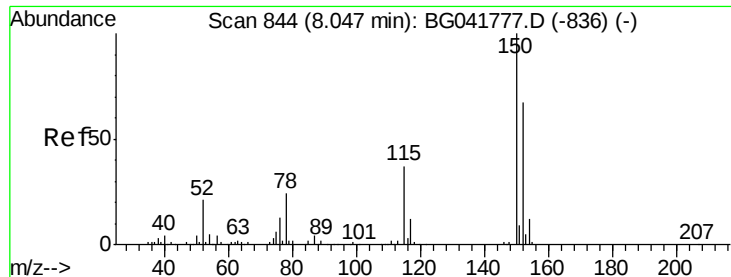
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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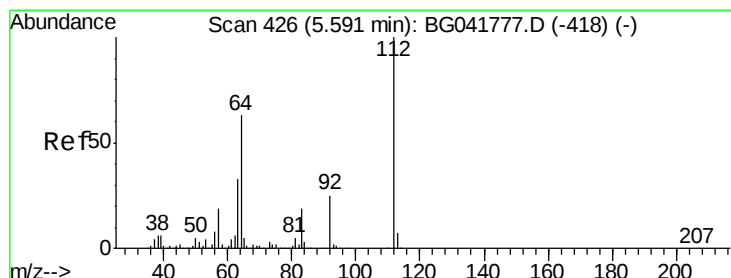
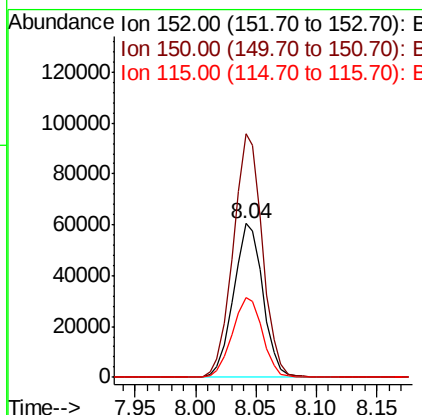
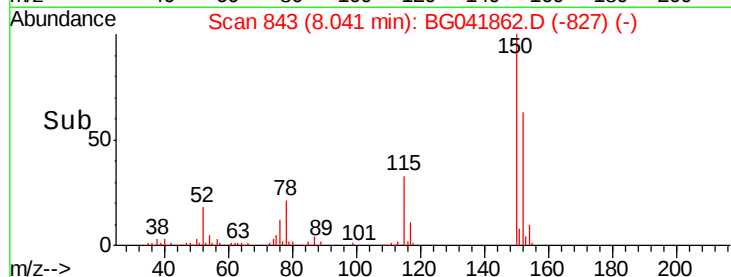
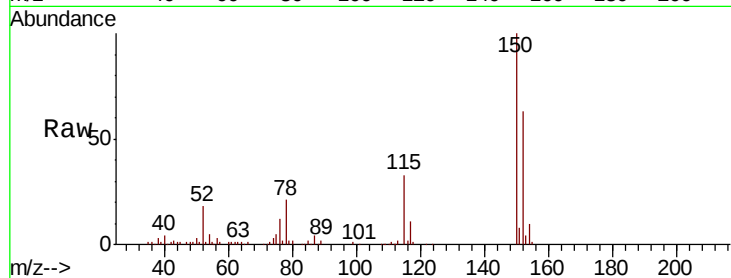


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Instrument :
BNA_G
ClientSampleId :
TP-8-A

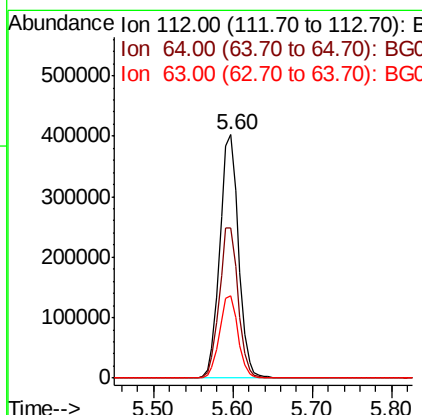
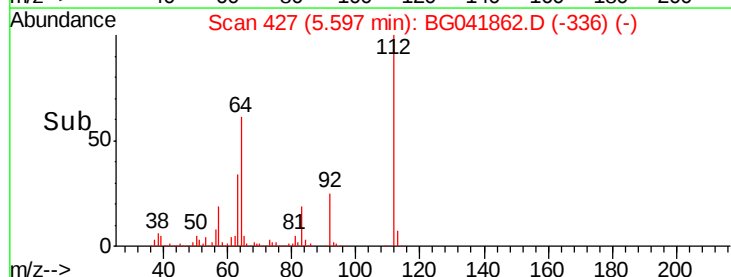
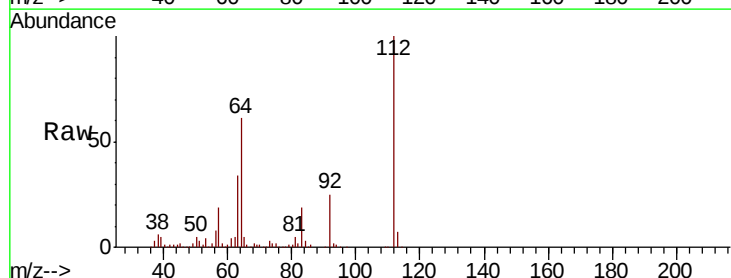
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.9	190.3
115	51.7	45.0	67.6

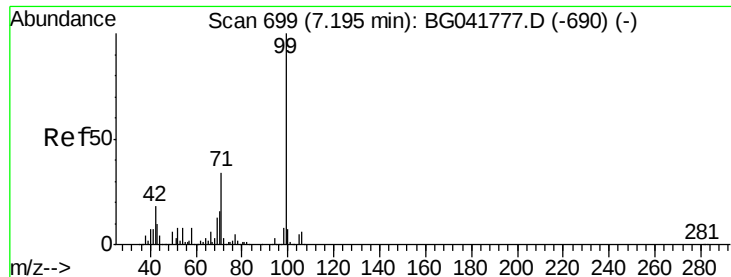


#5

2-Fluorophenol
Concen: 124.861 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	55.4	83.2
63	34.1	29.1	43.7





#7

Phenol-d6

Concen: 111.656 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041862.D

Acq: 1 Aug 2019 14:16

Instrument :

BNA_G

ClientSampleId :

TP-8-A

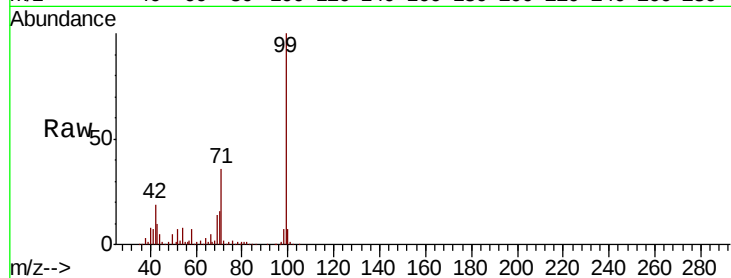
Tot Ion: 99 Resp: 792595

Ion Ratio Lower Upper

99 100

42 18.6 17.6 26.4

71 35.9 27.8 41.6

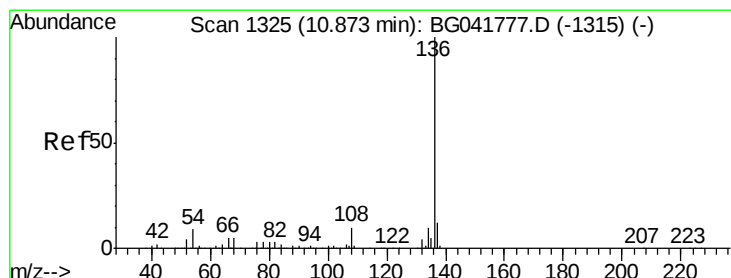
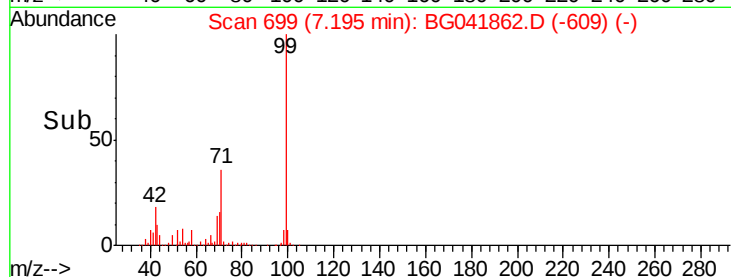
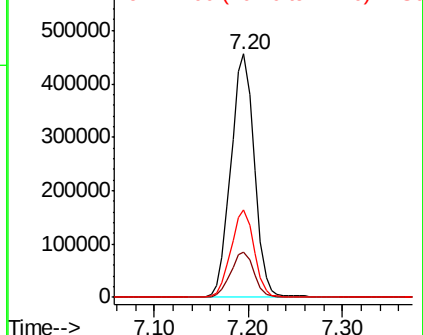


Abundance

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: BG041862.D

Acq: 1 Aug 2019 14:16

Tgt Ion: 136 Resp: 377556

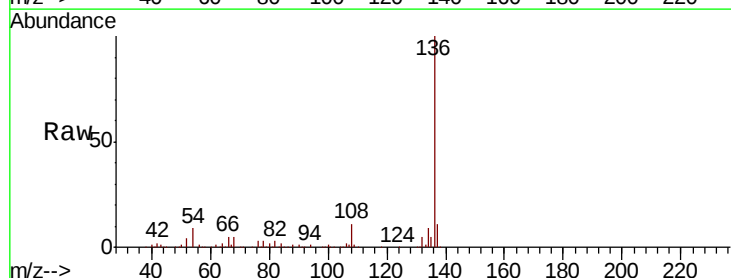
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 8.9 8.7 13.1

68 5.0 5.5 8.3#



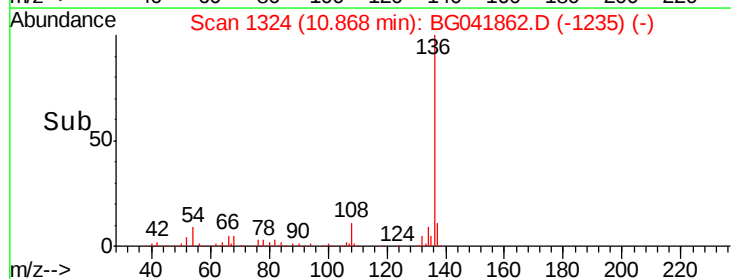
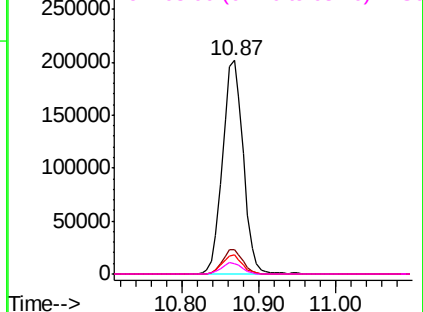
Abundance

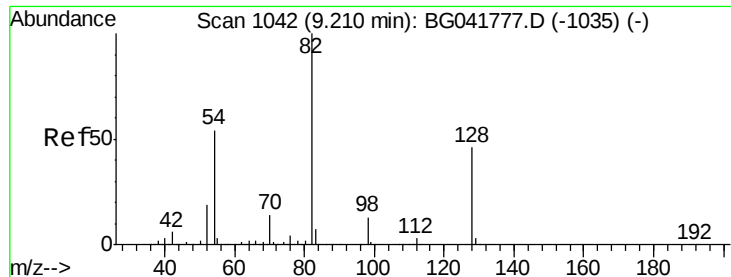
Ion 136.00 (135.70 to 136.70): BGC

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

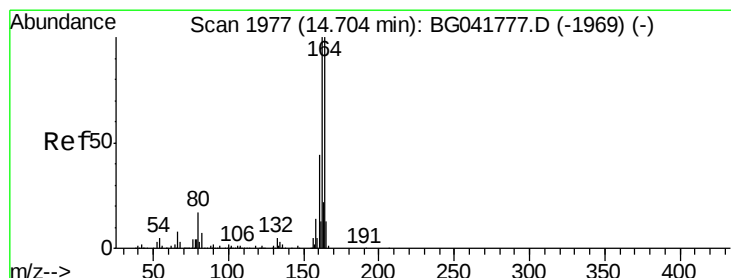
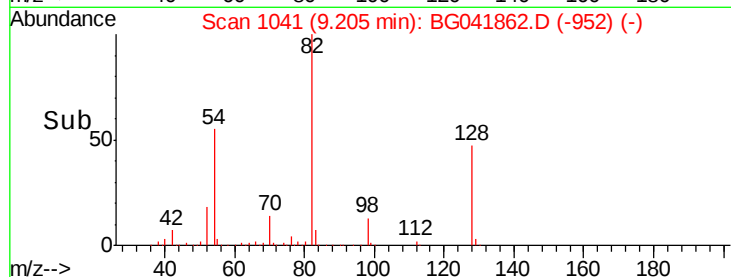
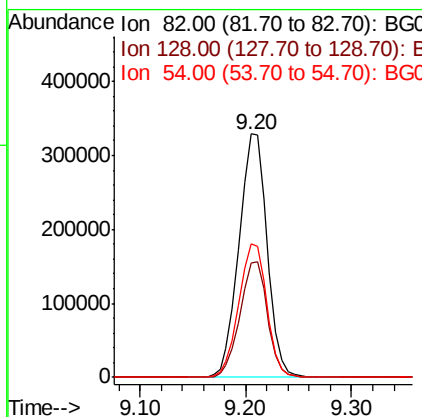
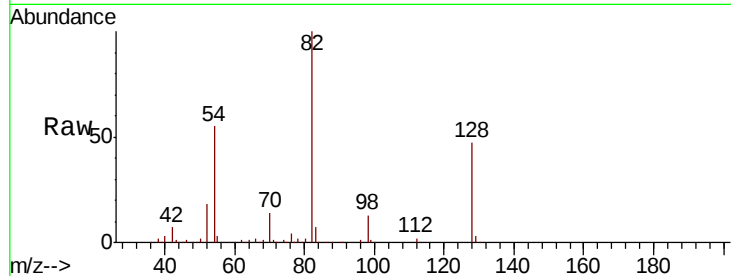




#23
Nitrobenzene-d5
Concen: 110.930 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

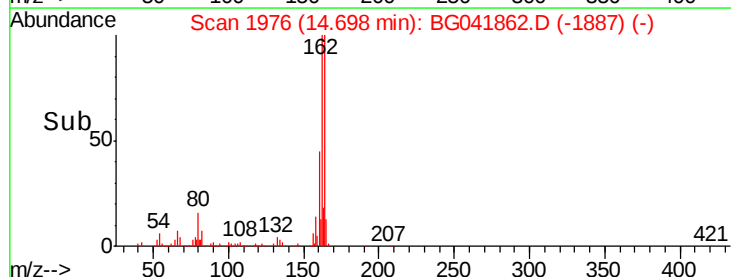
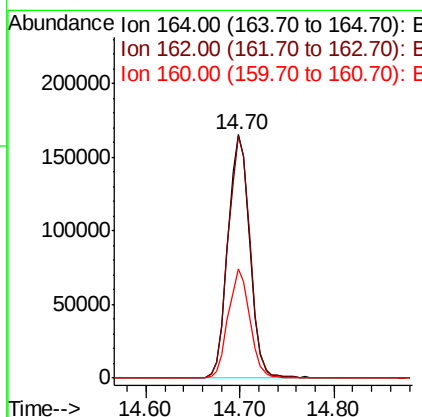
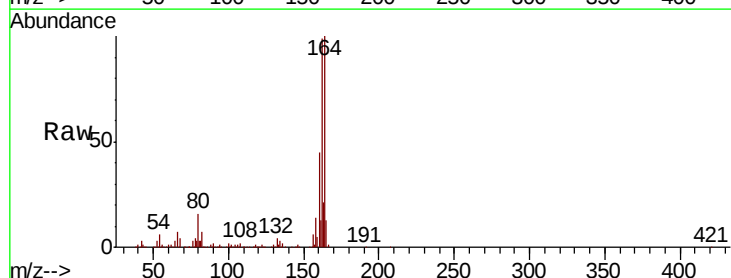
Instrument :
BNA_G
ClientSampleId :
TP-8-A

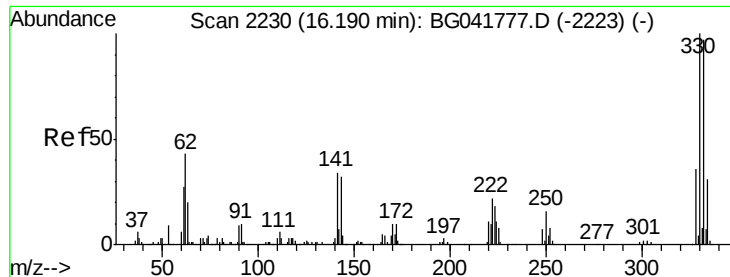
Tot Ion	82	Resp	608609
Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.1	52.7
54	54.9	48.7	73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Tgt Ion	164	Resp	267106
Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.6	119.4
160	45.0	35.4	53.0

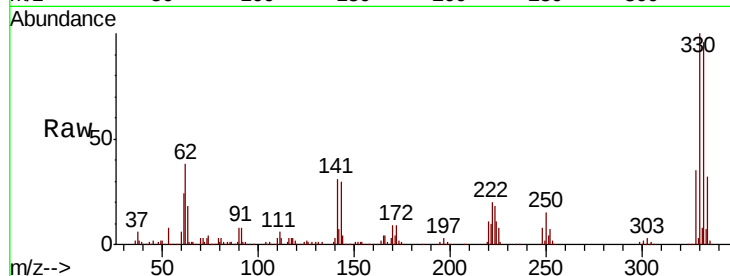




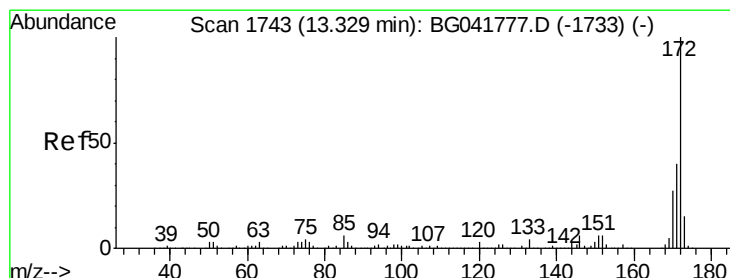
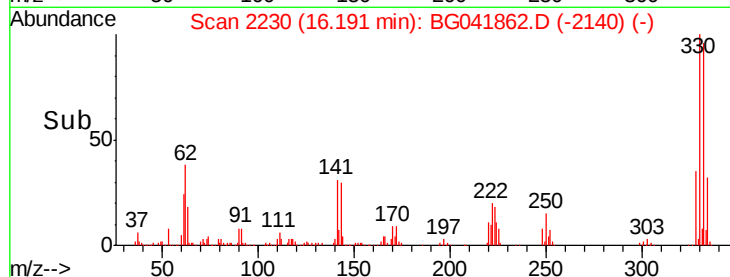
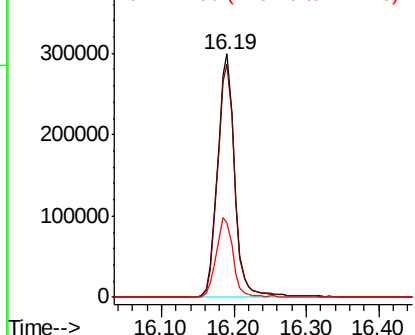
#42
 2,4,6-Tribromophenol
 Concen: 163.421 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BG041862.D
 Acq: 1 Aug 2019 14:16

Instrument :
 BNA_G
 ClientSampleId :
 TP-8-A

Tot Ion:330 Resp: 495812
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.0
 141 32.3 31.9 47.9

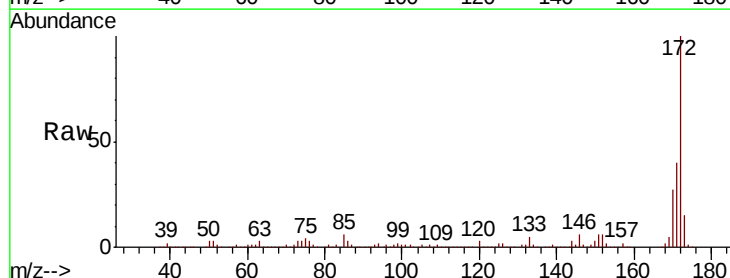


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

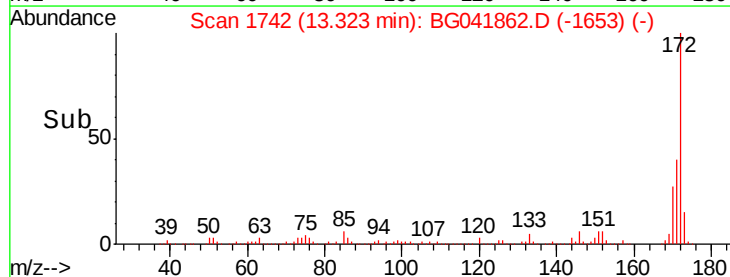
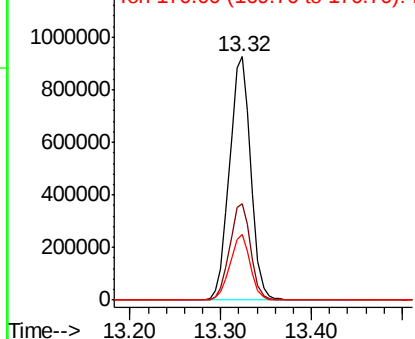


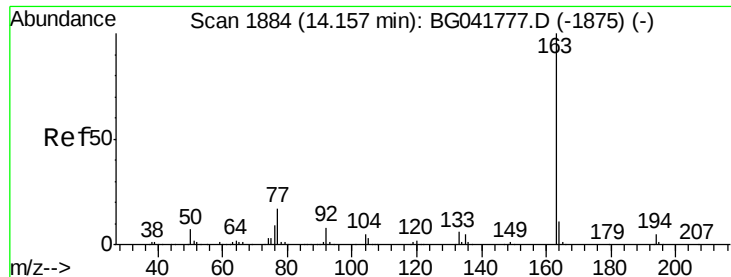
#45
 2-Fluorobiphenyl
 Concen: 100.046 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041862.D
 Acq: 1 Aug 2019 14:16

Tgt Ion:172 Resp: 1515143
 Ion Ratio Lower Upper
 172 100
 171 39.8 35.0 52.4
 170 26.8 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

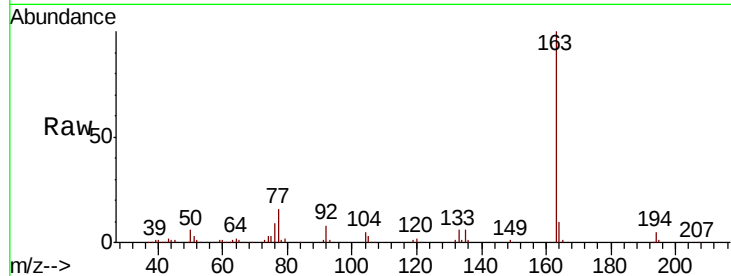




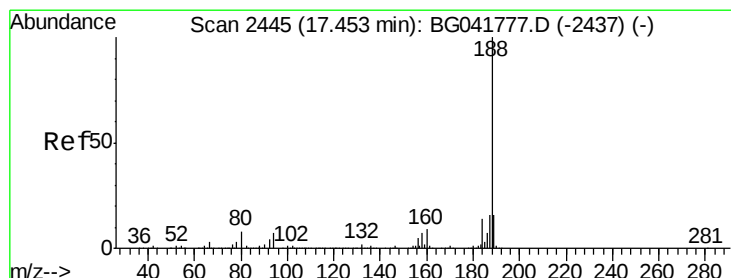
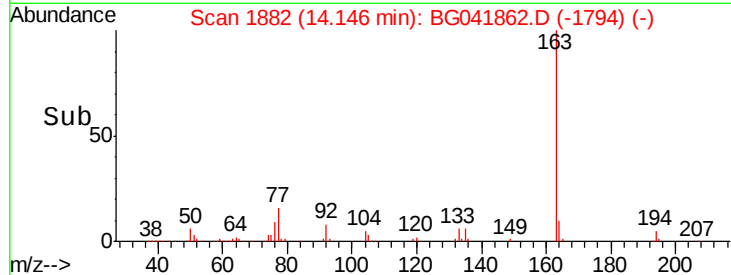
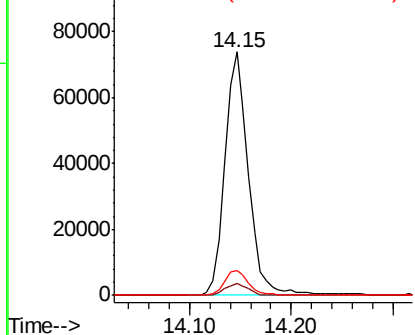
#50
Dimethylphthalate
Concen: 6.509 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Instrument :
BNA_G
ClientSampled :
TP-8-A

Tot Ion:163 Resp: 118729
Ion Ratio Lower Upper
163 100
194 5.1 4.2 6.2
164 10.4 9.4 14.2

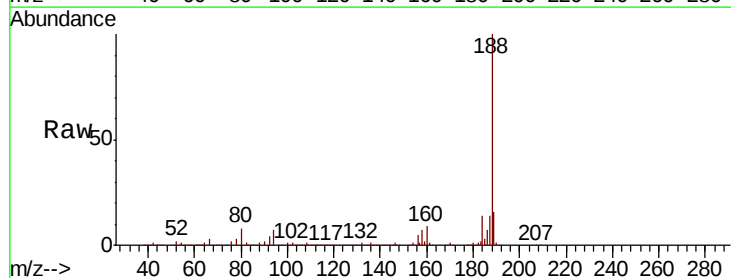


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

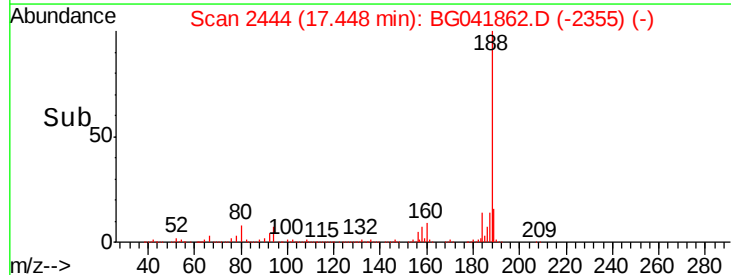
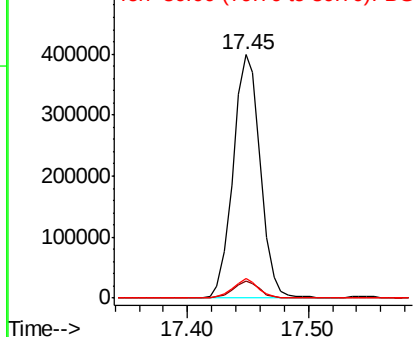


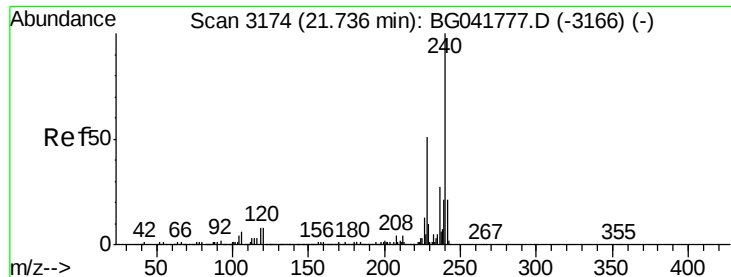
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Tgt Ion:188 Resp: 625160
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 8.2 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: BG041862.D

Acq: 1 Aug 2019 14:16

Instrument :

BNA_G

ClientSampleId :

TP-8-A

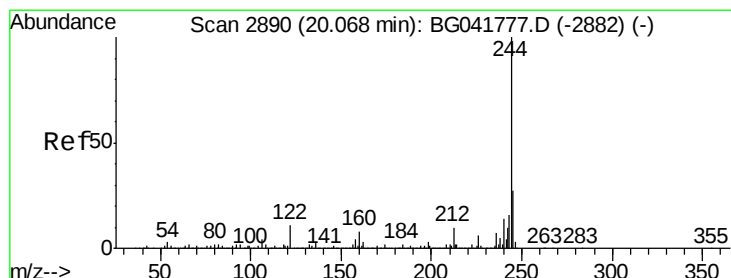
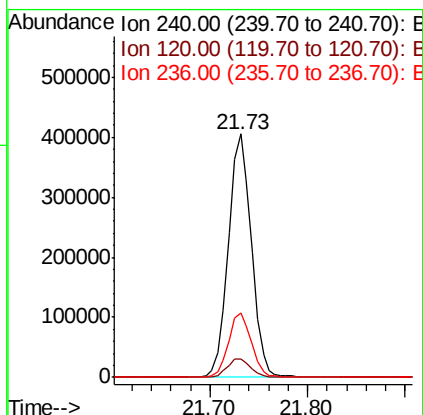
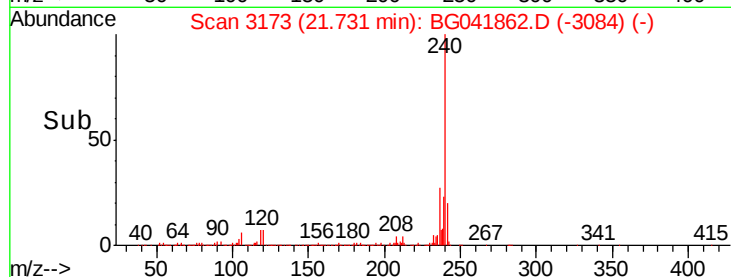
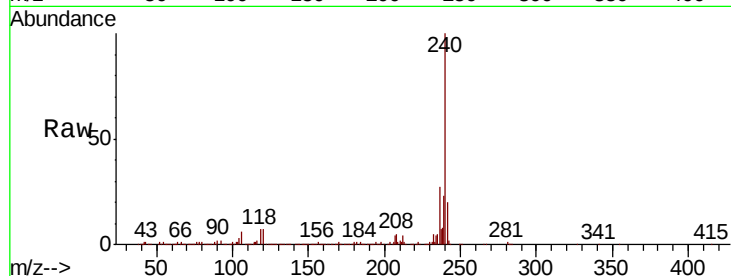
Tot Ion:240 Resp: 663491

Ion Ratio Lower Upper

240 100

120 7.4 8.0 12.0#

236 26.7 22.6 33.8



#79

Terphenyl-d14

Concen: 88.339 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041862.D

Acq: 1 Aug 2019 14:16

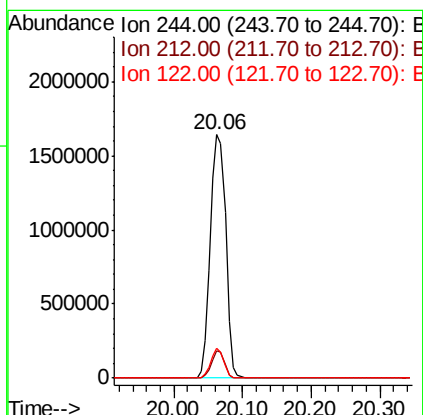
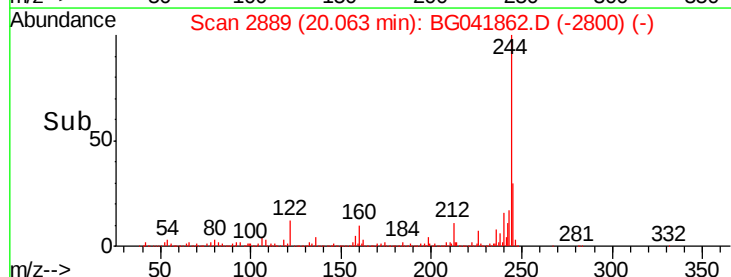
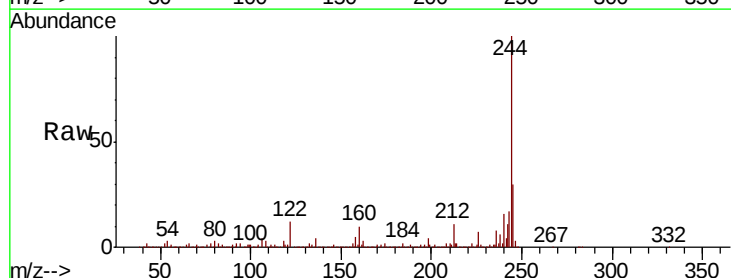
Tgt Ion:244 Resp: 2561430

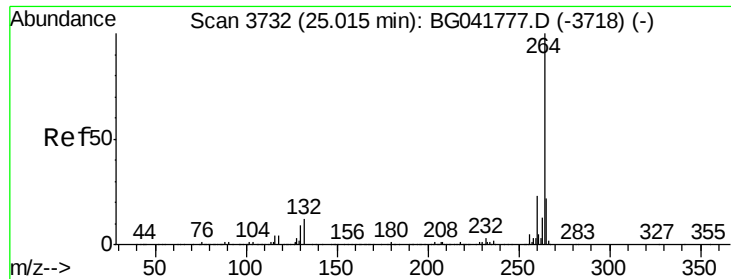
Ion Ratio Lower Upper

244 100

212 11.2 9.7 14.5

122 12.3 12.5 18.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Instrument :
BNA_G
ClientSampleId :
TP-8-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.7	18.0	27.0

