

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
 Data File : BG041861.D
 Acq On : 1 Aug 2019 13:38
 Operator : HP/JU
 Sample : K4021-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Aug 02 01:51:23 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	98172	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	364978	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	253062	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	604360	20.00	ng	0.00
76) Chrysene-d12	21.73	240	655104	20.00	ng	0.00
87) Perylene-d12	25.00	264	751697	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	642975	127.43	ng	0.00
7) Phenol-d6	7.20	99	781357	114.86	ng	0.00
23) Nitrobenzene-d5	9.21	82	594235	112.04	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	491815	171.10	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1495644	104.24	ng	0.00
79) Terphenyl-d14	20.06	244	2564824	89.59	ng	0.00

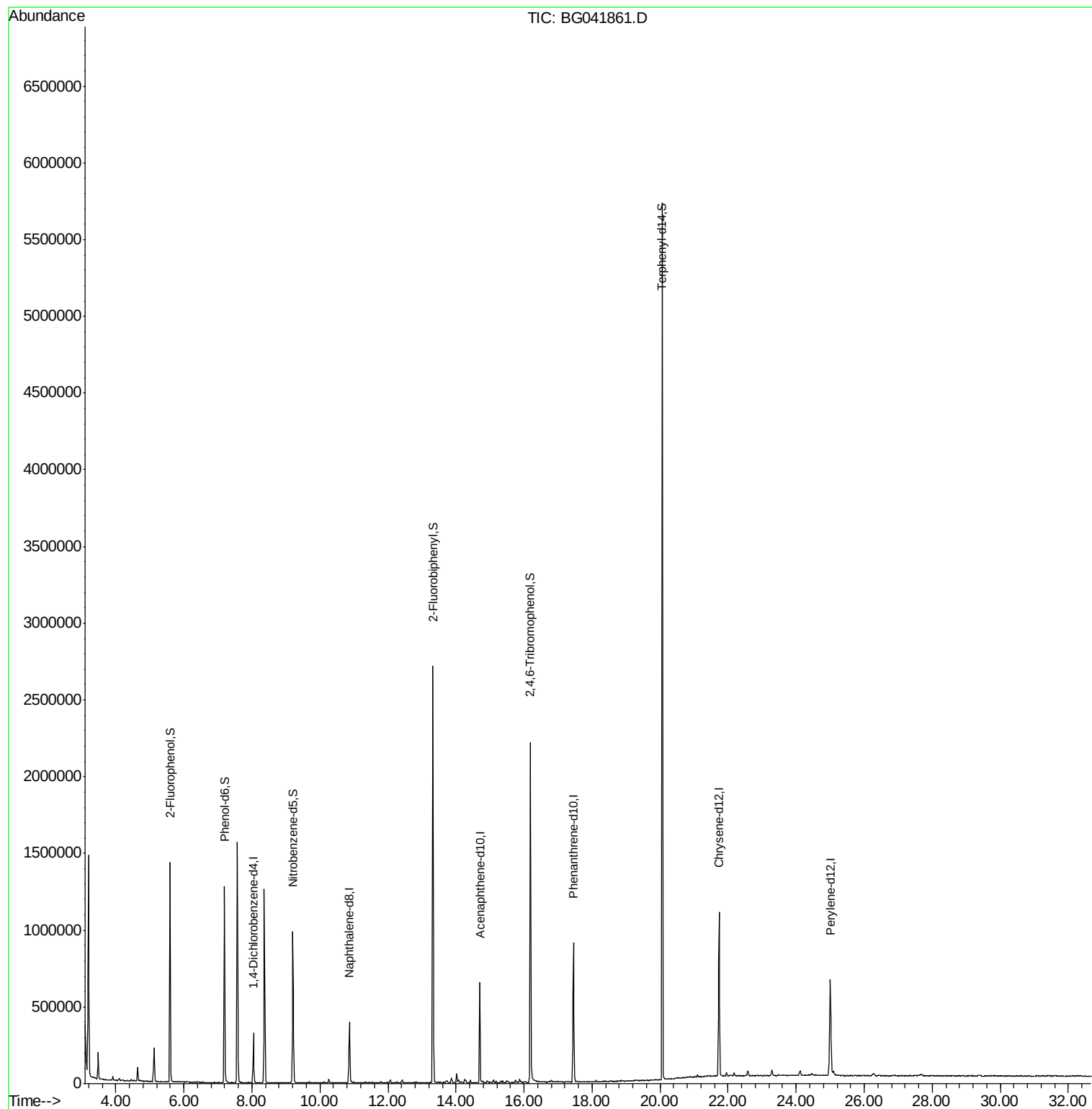
Target Compounds Qvalue

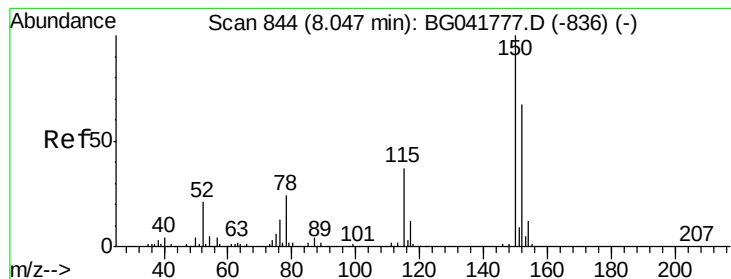
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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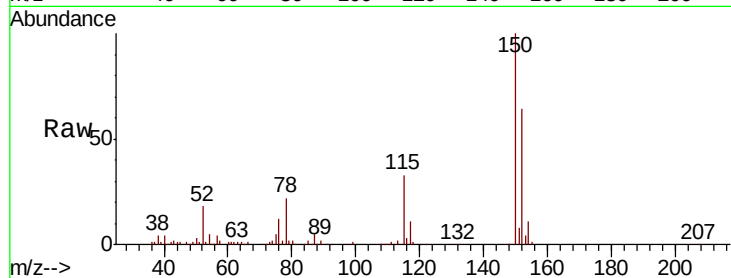


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041861.D
Acq: 1 Aug 2019 13:38

Instrument :
BNA_G
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.9	190.3
115	52.7	45.0	67.6

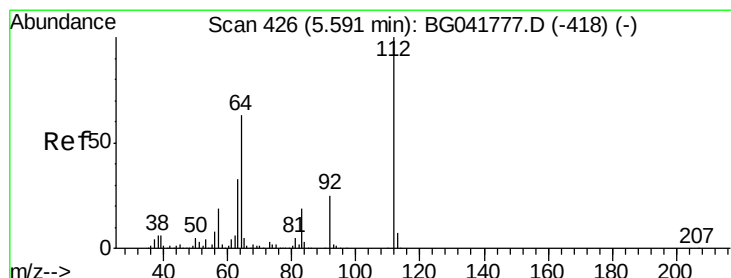
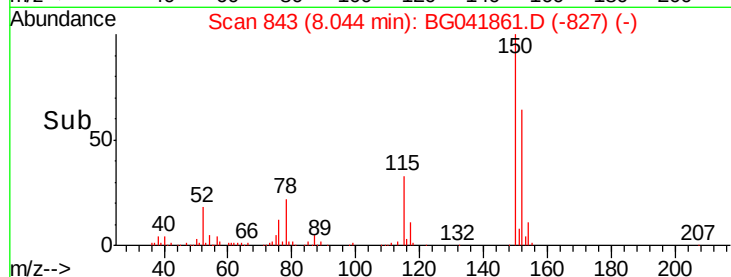
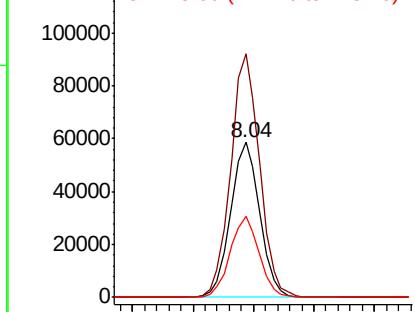


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

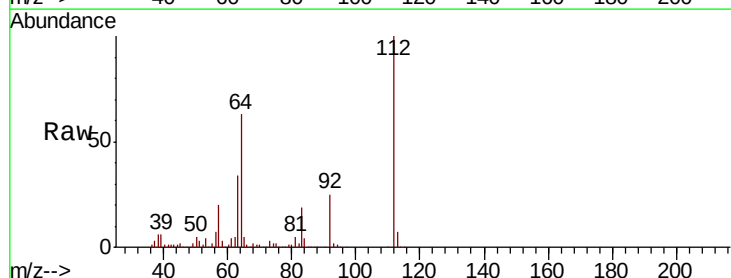
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.428 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041861.D
Acq: 1 Aug 2019 13:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	55.4	83.2
63	34.2	29.1	43.7

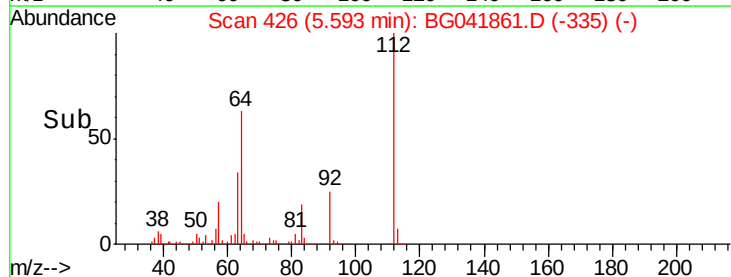
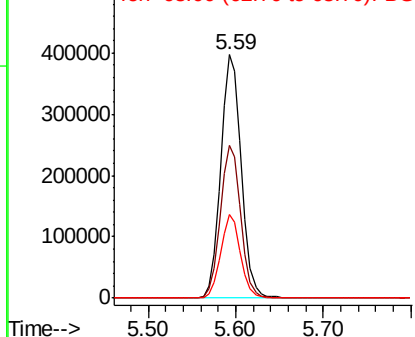


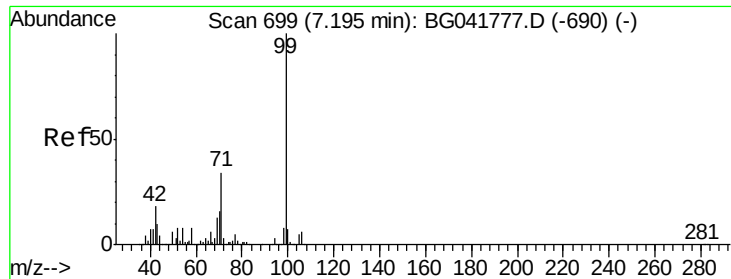
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 114.863 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041861.D

Acq: 1 Aug 2019 13:38

Instrument :

BNA_G

ClientSampled :

TP-7

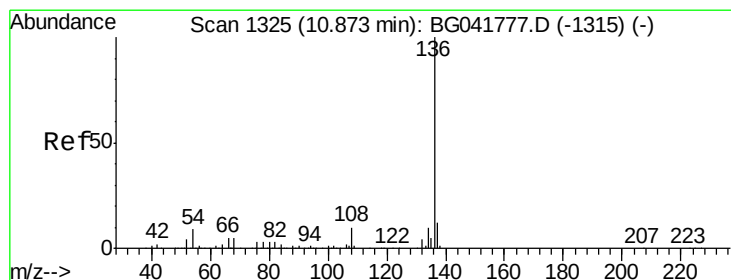
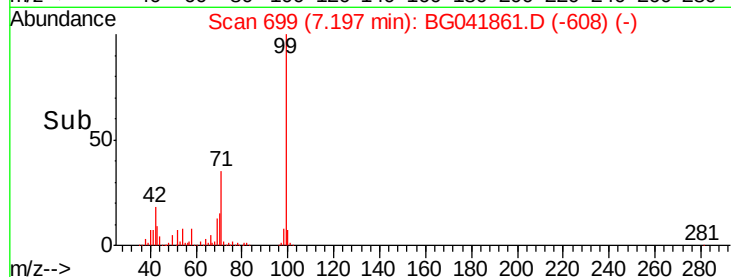
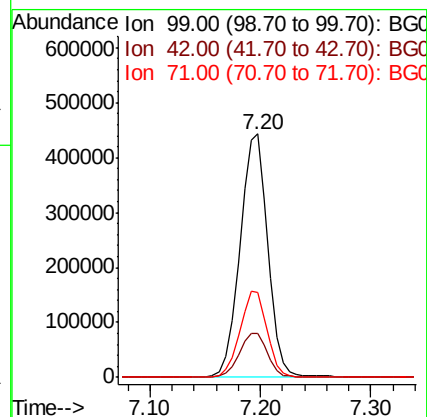
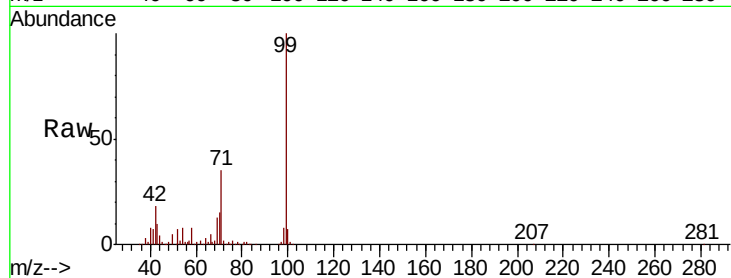
Tot Ion: 99 Resp: 781357

Ion Ratio Lower Upper

99 100

42 17.9 17.6 26.4

71 34.9 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG041861.D

Acq: 1 Aug 2019 13:38

Tgt Ion: 136 Resp: 364978

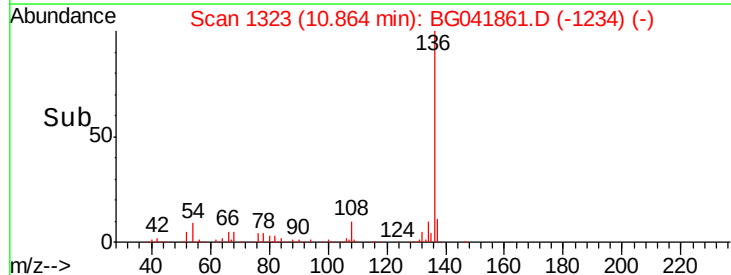
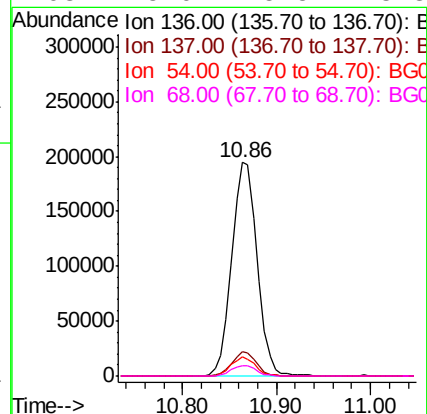
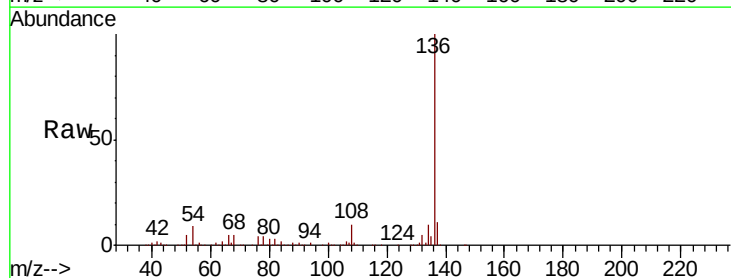
Ion Ratio Lower Upper

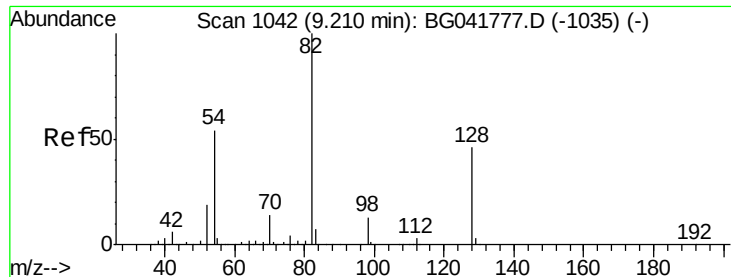
136 100

137 11.2 9.2 13.8

54 8.8 8.7 13.1

68 5.0 5.5 8.3#

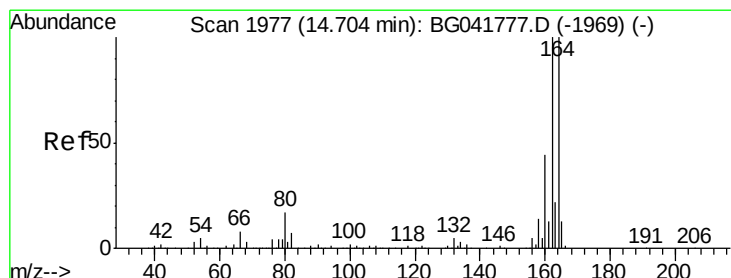
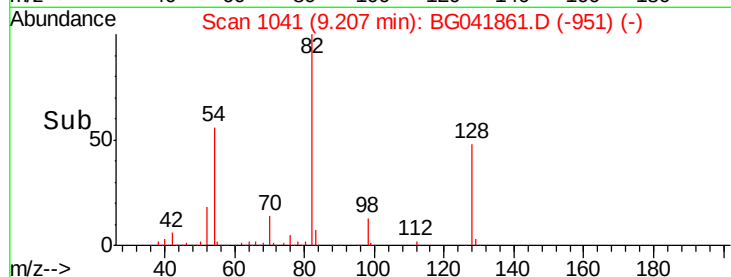
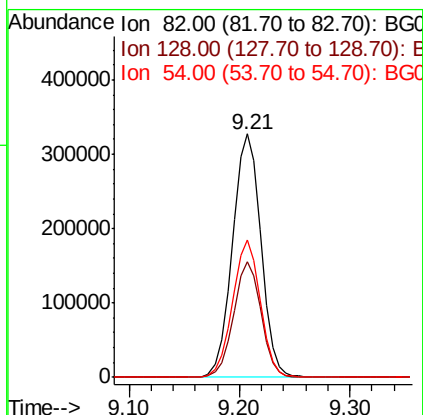
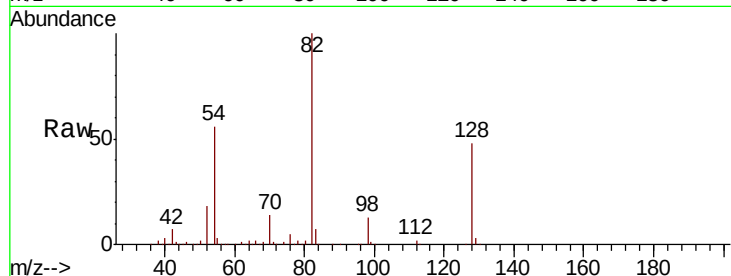




#23
 Nitrobenzene-d5
 Concen: 112.042 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041861.D
 Acq: 1 Aug 2019 13:38

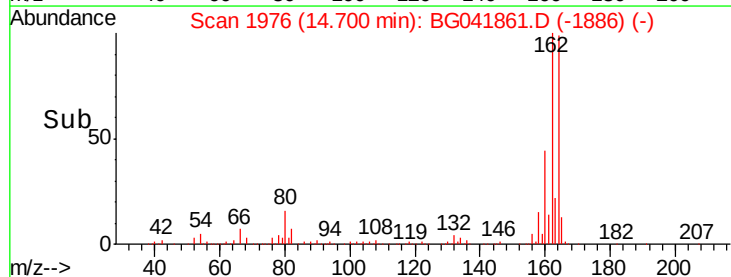
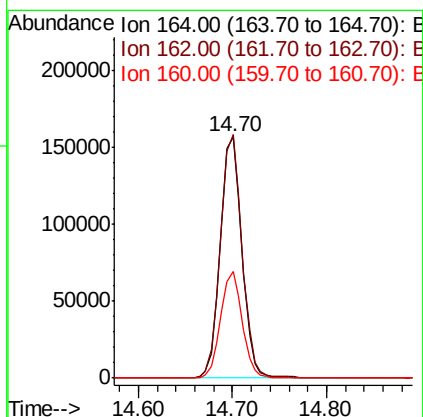
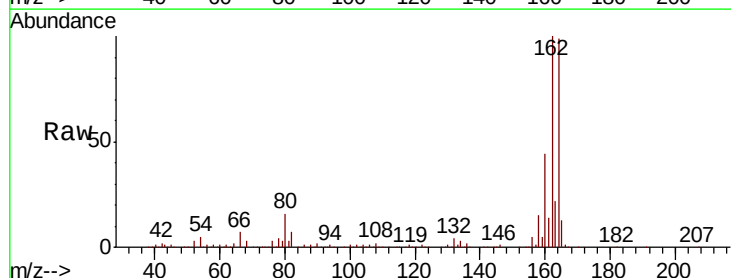
Instrument :
 BNA_G
 ClientSampled :
 TP-7

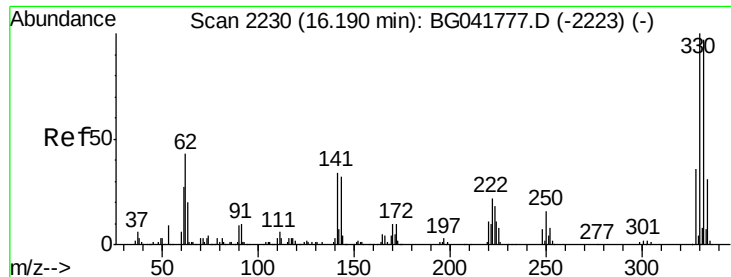
Tot Ion	82	Resp	594235
Ion Ratio	Lower	Upper	
82	100		
128	47.5	35.1	52.7
54	56.2	48.7	73.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG041861.D
 Acq: 1 Aug 2019 13:38

Tgt Ion	164	Resp	253062
Ion Ratio	Lower	Upper	
164	100		
162	100.8	79.6	119.4
160	43.9	35.4	53.0

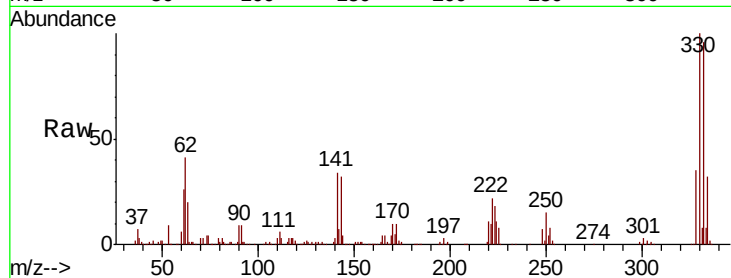




#42
 2,4,6-Tribromophenol
 Concen: 171.100 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG041861.D
 Acq: 1 Aug 2019 13:38

Instrument :
 BNA_G
 ClientSampled :
 TP-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	32.5	31.9	47.9

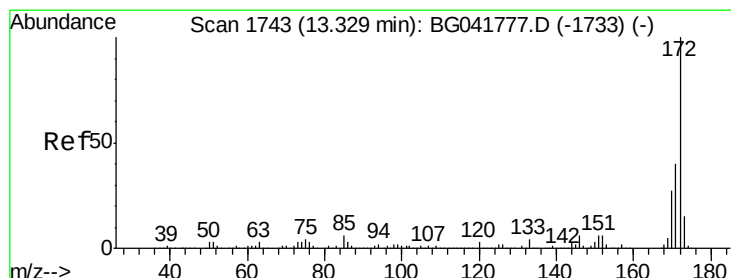
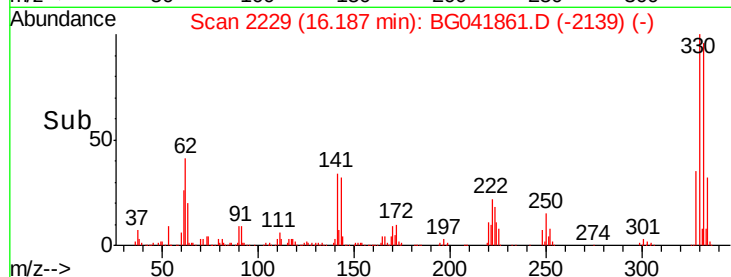
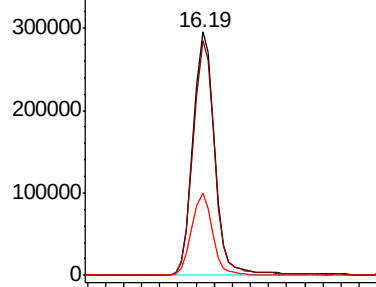


Abundance

Ion 329.80 (329.50 to 330.50): E

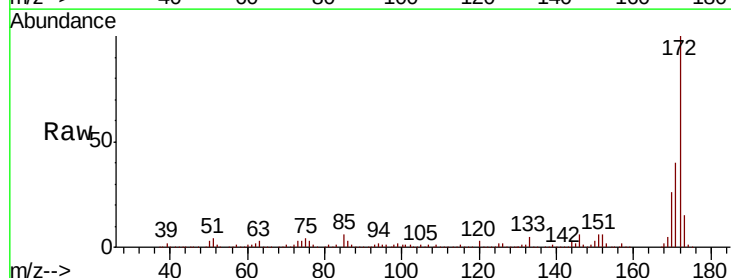
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 104.239 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041861.D
 Acq: 1 Aug 2019 13:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	35.0	52.4
170	26.5	23.5	35.3

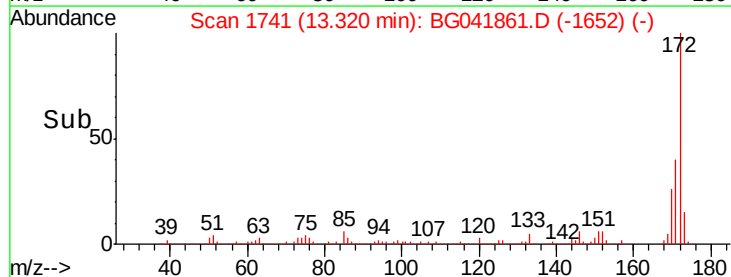
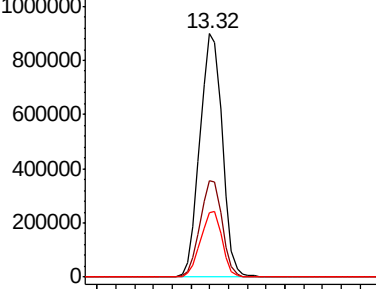


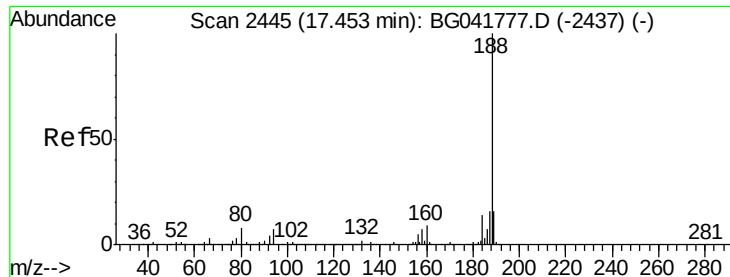
Abundance

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

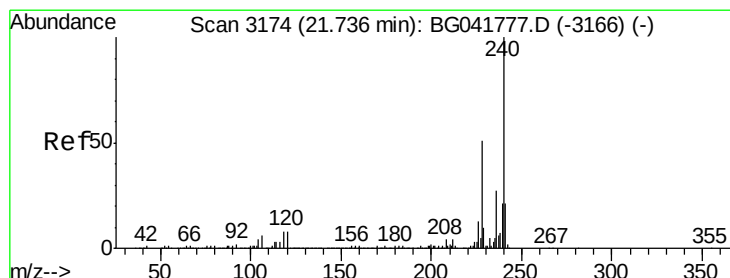
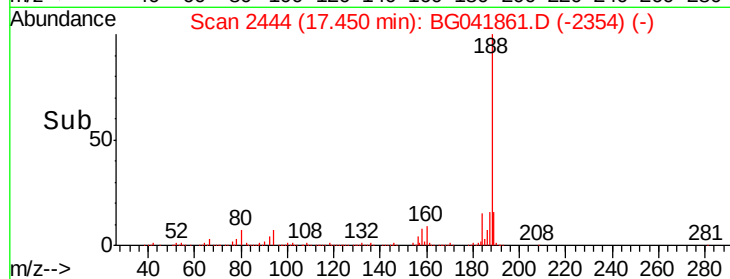
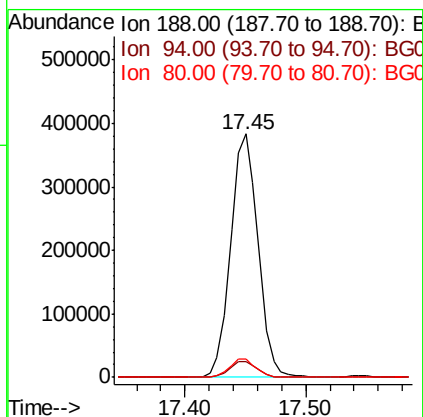
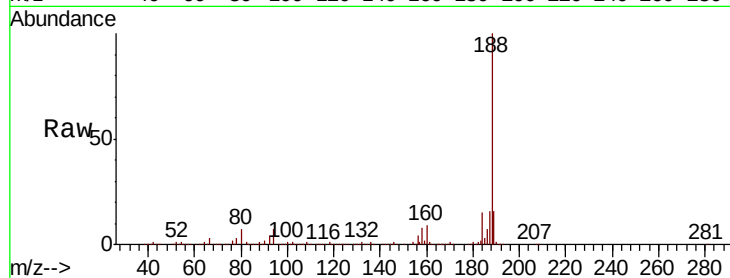




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG041861.D
Acq: 1 Aug 2019 13:38

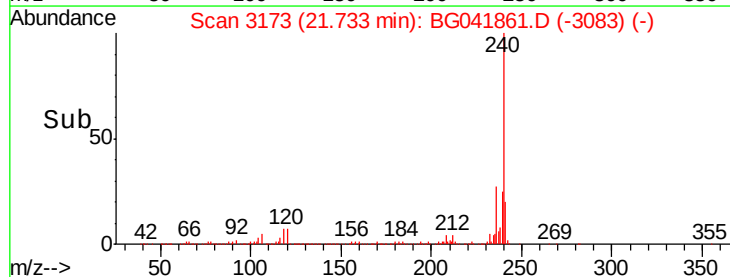
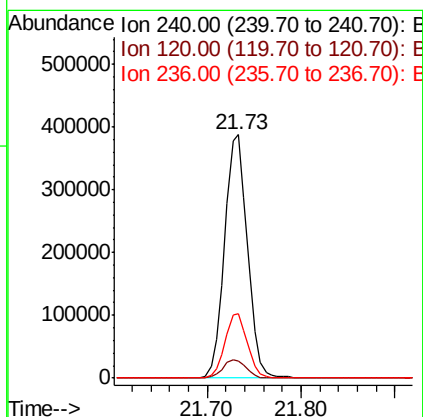
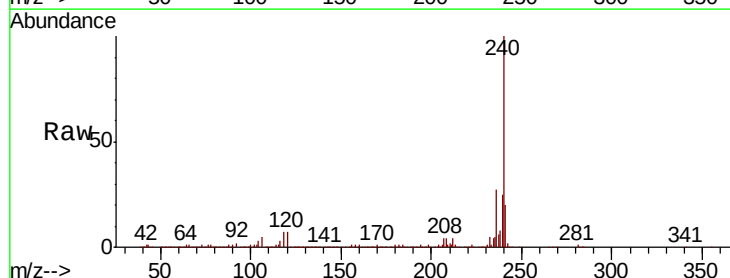
Instrument :
BNA_G
ClientSampleId :
TP-7

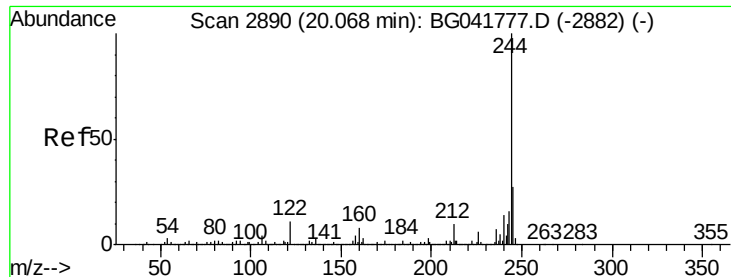
Tot Ion:188 Resp: 604360
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.5 8.0 12.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BG041861.D
Acq: 1 Aug 2019 13:38

Tgt Ion:240 Resp: 655104
Ion Ratio Lower Upper
240 100
120 7.3 8.0 12.0#
236 26.7 22.6 33.8





#79

Terphenyl-d14

Concen: 89.589 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041861.D

Acq: 1 Aug 2019 13:38

Instrument :

BNA_G

ClientSampleId :

TP-7

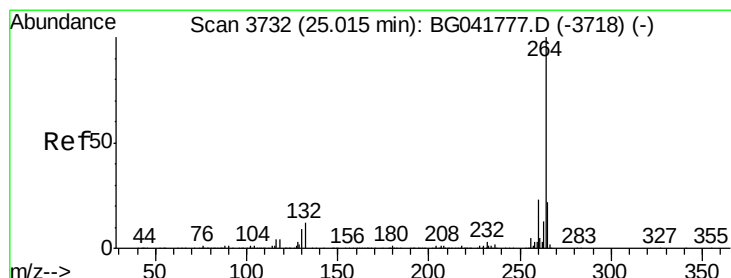
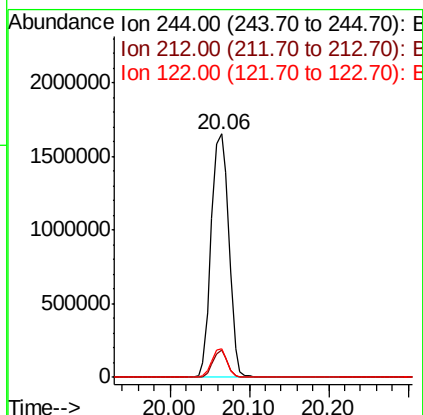
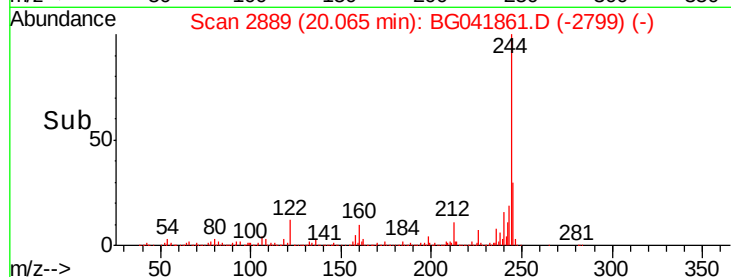
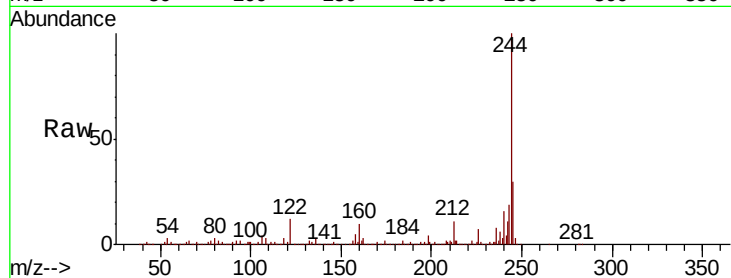
Tot Ion:244 Resp: 2564824

Ion Ratio Lower Upper

244 100

212 11.0 9.7 14.5

122 11.7 12.5 18.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3729

Delta R.T. -0.01 min

Lab File: BG041861.D

Acq: 1 Aug 2019 13:38

Tgt Ion:264 Resp: 751697

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.3 18.0 27.0

