

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
 Data File : BG041848.D
 Acq On : 1 Aug 2019 00:36
 Operator : HP/JU
 Sample : K4044-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Aug 01 03:56:36 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

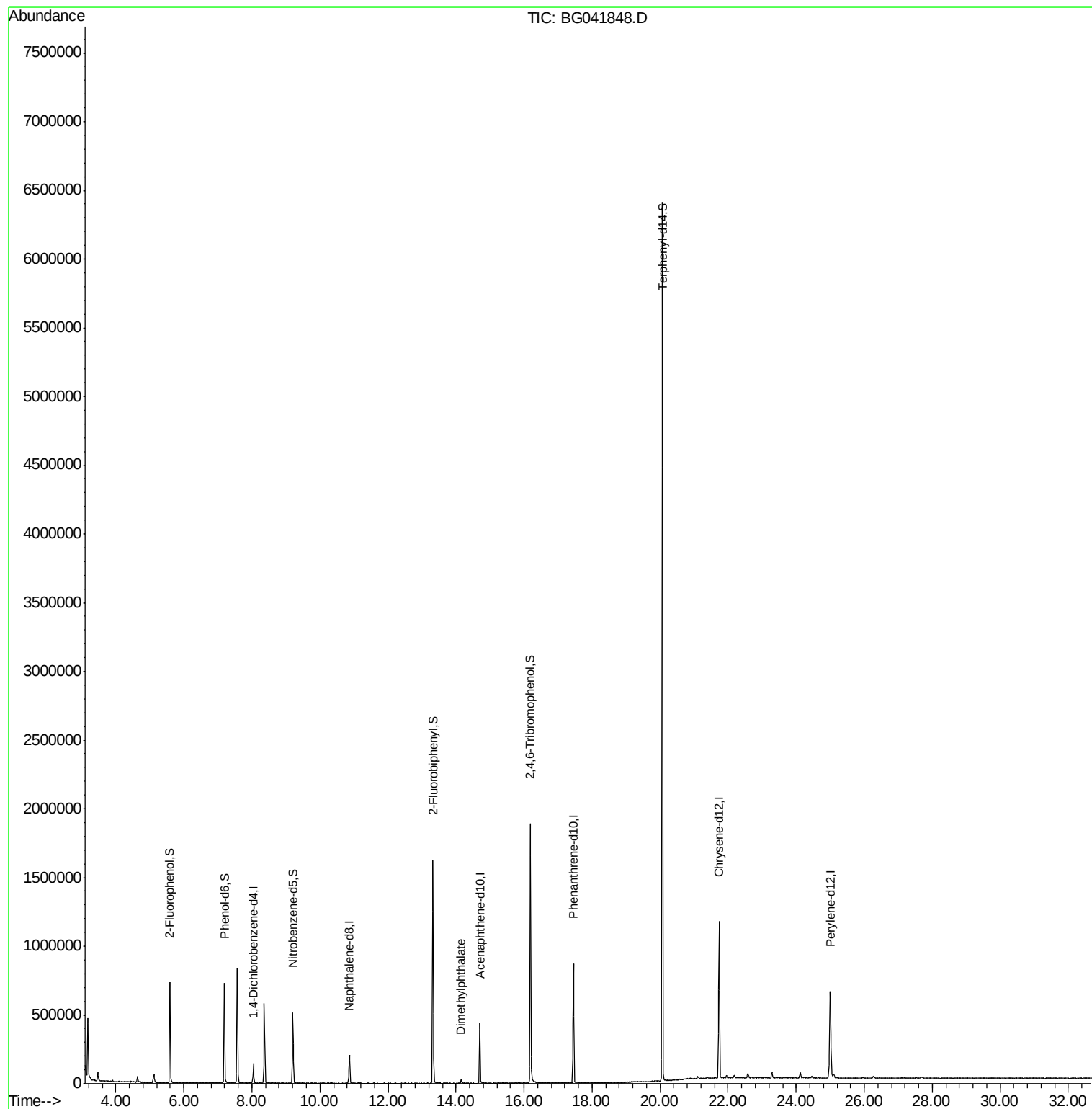
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46016	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	195038	20.00	ng	-0.01
39) Acenaphthene-d10	14.70	164	166544	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	571053	20.00	ng	0.00
76) Chrysene-d12	21.73	240	693308	20.00	ng	0.00
87) Perylene-d12	25.00	264	738198	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	350937	148.38	ng	0.00
7) Phenol-d6	7.19	99	463864	145.48	ng	0.00
23) Nitrobenzene-d5	9.21	82	321818	113.55	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	402059	212.54	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	920223	97.45	ng	-0.01
79) Terphenyl-d14	20.06	244	2839684	93.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.15	163	25157	2.212	ng	Qvalue # 94

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

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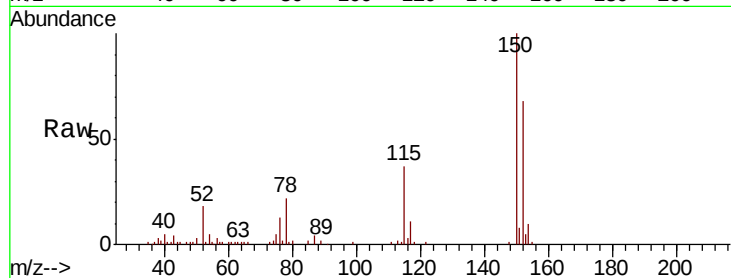


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Instrument :
BNA_G
ClientSampled :
TP-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.4	126.9	190.3
115	55.3	45.0	67.6

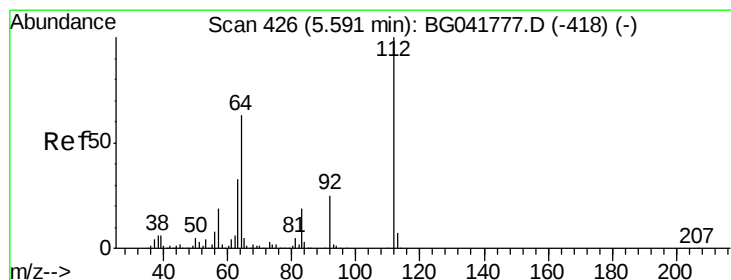
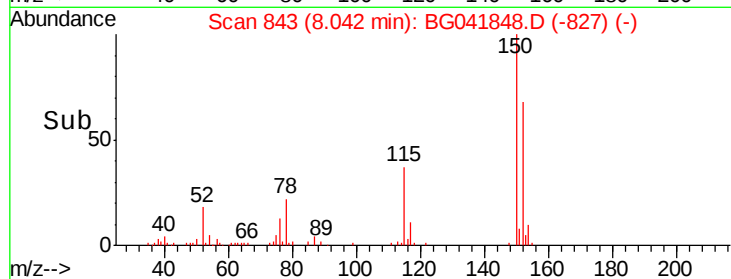
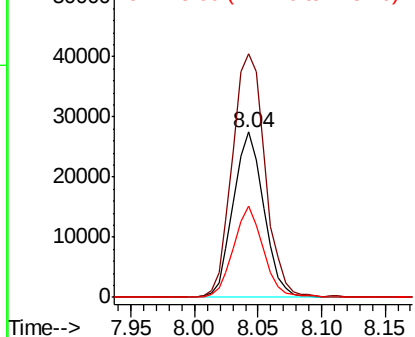


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

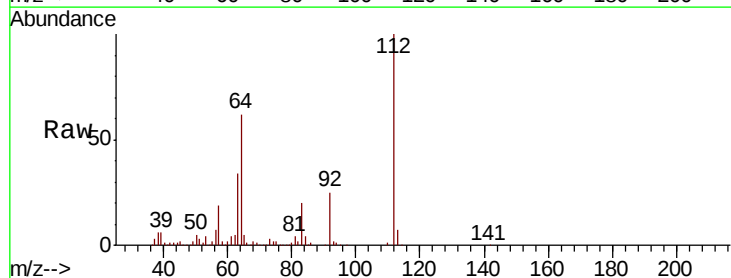
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 148.381 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG041848.D
Acq: 1 Aug 2019 00:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	55.4	83.2
63	33.7	29.1	43.7

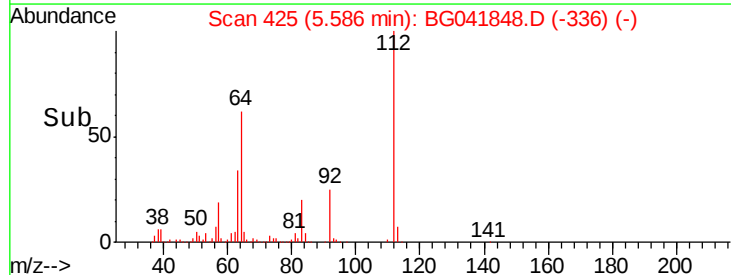
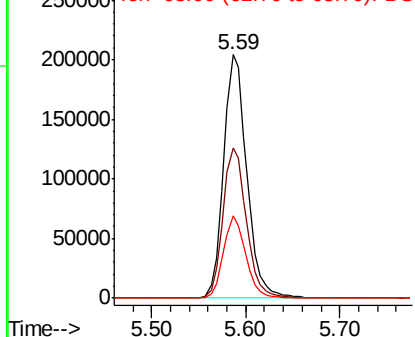


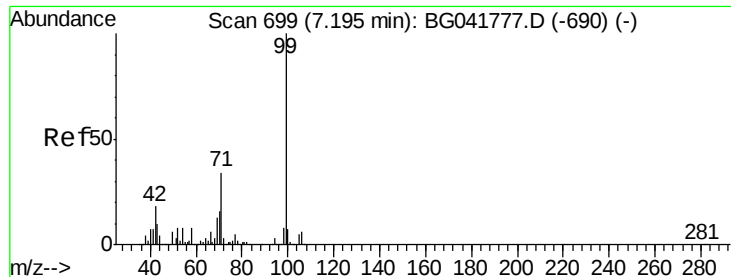
Abundance

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: 145.478 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041848.D

Acq: 1 Aug 2019 00:36

Instrument :

BNA_G

ClientSampleId :

TP-5

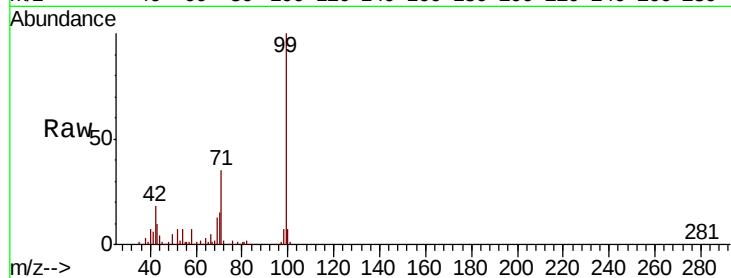
Tot Ion: 99 Resp: 463864

Ion Ratio Lower Upper

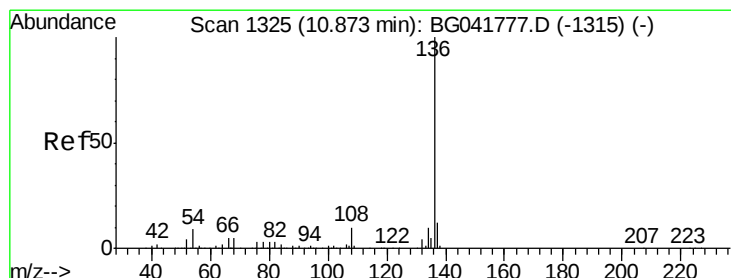
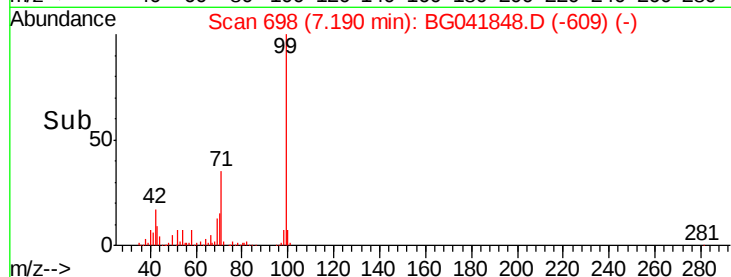
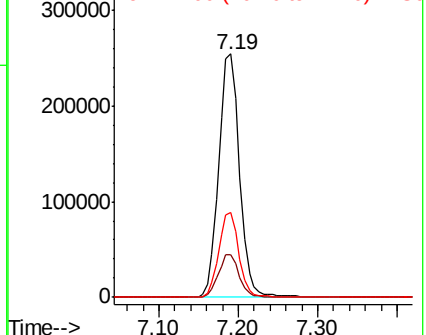
99 100

42 17.7 17.6 26.4

71 35.1 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: BG041848.D

Acq: 1 Aug 2019 00:36

Tgt Ion: 136 Resp: 195038

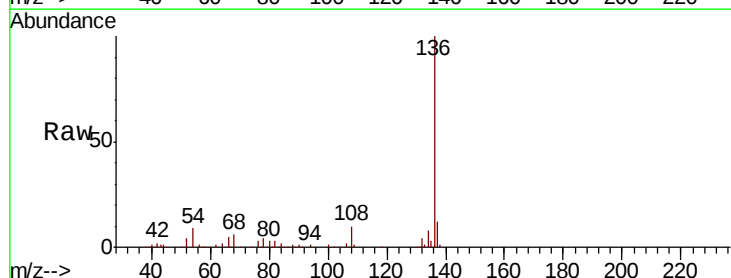
Ion Ratio Lower Upper

136 100

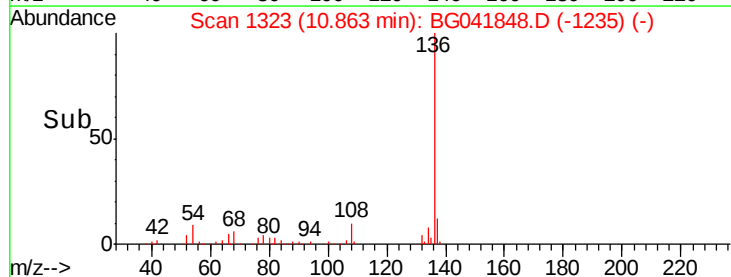
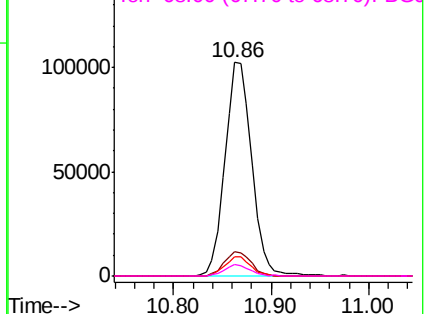
137 11.6 9.2 13.8

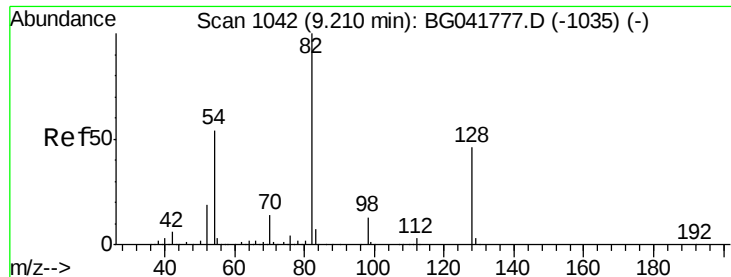
54 8.9 8.7 13.1

68 5.6 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

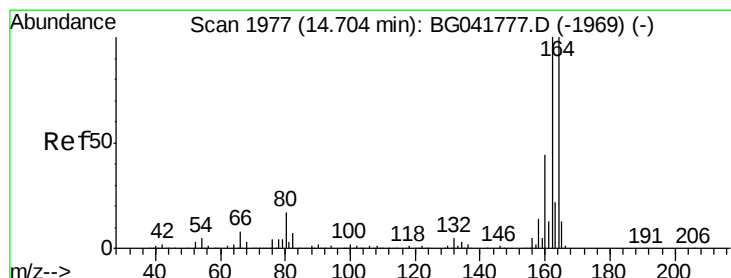
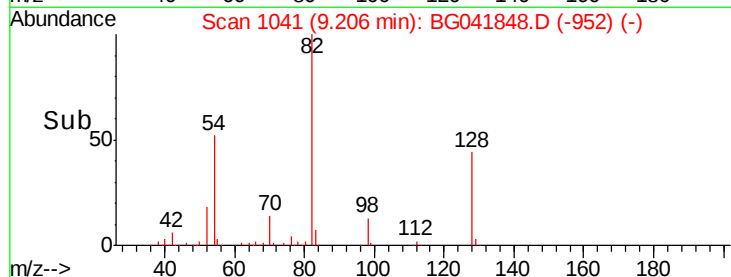
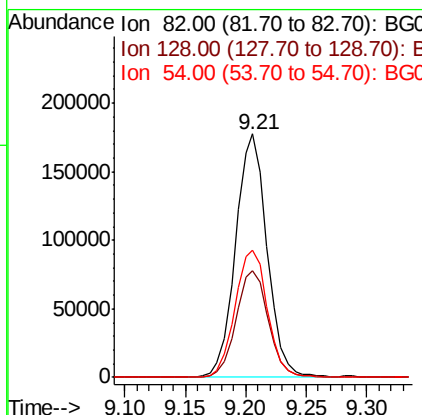
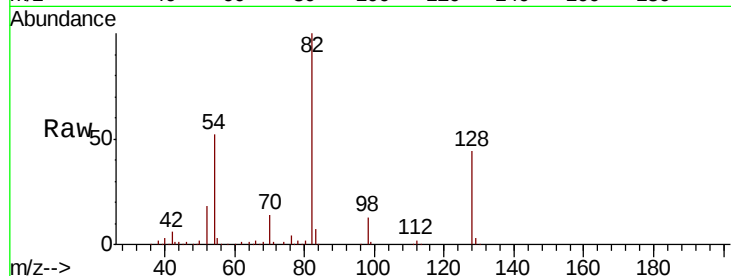




#23
 Nitrobenzene-d5
 Concen: 113.549 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041848.D
 Acq: 1 Aug 2019 00:36

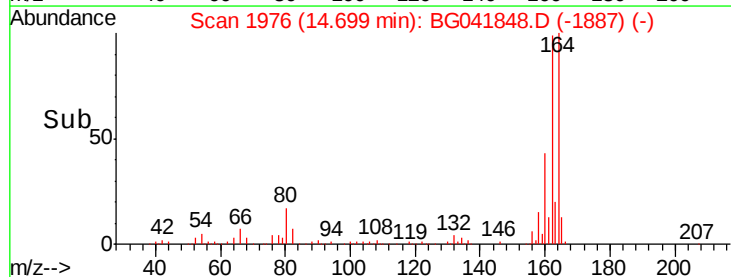
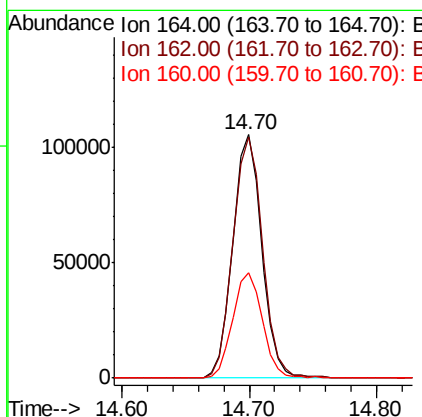
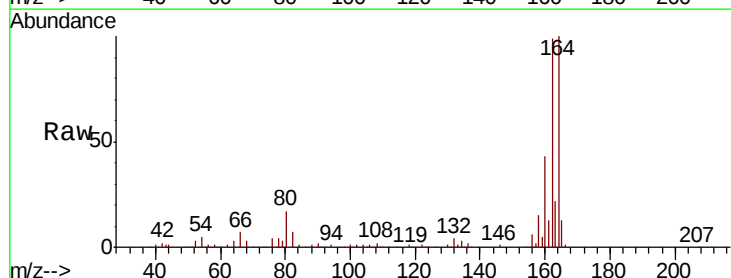
Instrument :
 BNA_G
 ClientSampled :
 TP-5

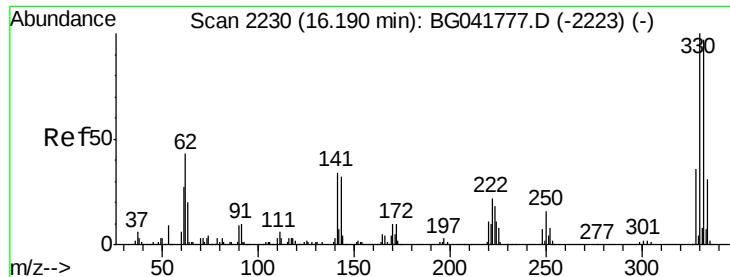
Tot Ion	82.00	Resp	321818
Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.1	52.7
54	52.4	48.7	73.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG041848.D
 Acq: 1 Aug 2019 00:36

Tgt Ion	164	Resp	166544
Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.6	119.4
160	43.2	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 212.537 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG041848.D

Acq: 1 Aug 2019 00:36

Instrument :

BNA_G

ClientSampleId :

TP-5

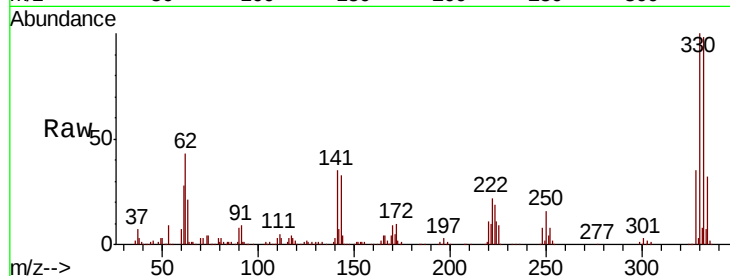
Tot Ion:330 Resp: 402059

Ion Ratio Lower Upper

330 100

332 99.8 77.4 116.0

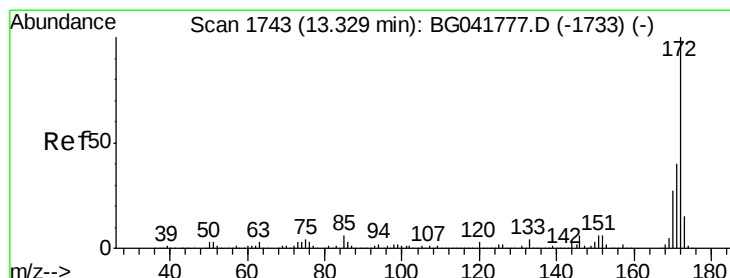
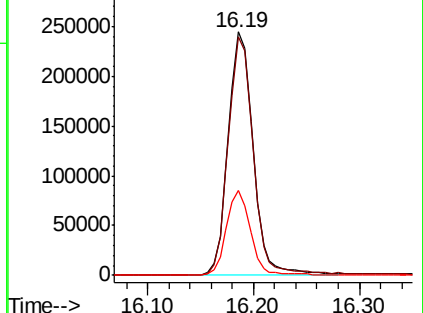
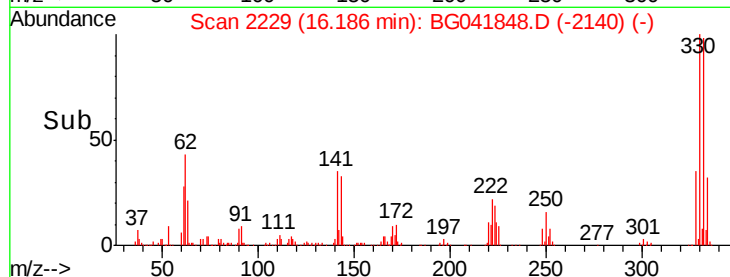
141 33.9 31.9 47.9



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: 97.453 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG041848.D

Acq: 1 Aug 2019 00:36

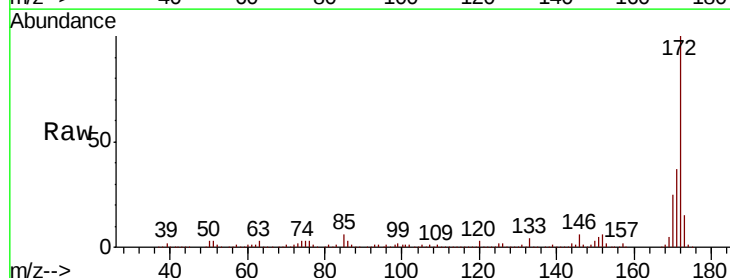
Tgt Ion:172 Resp: 920223

Ion Ratio Lower Upper

172 100

171 37.2 35.0 52.4

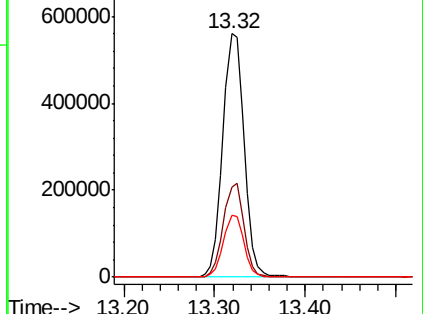
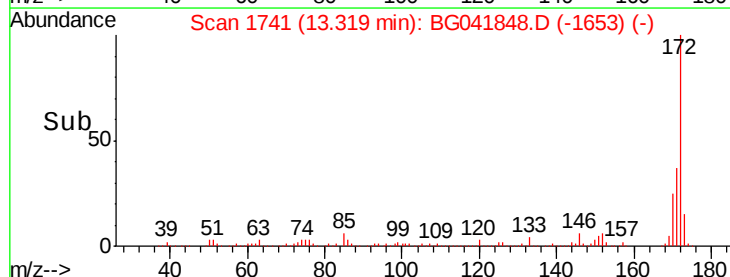
170 25.2 23.5 35.3

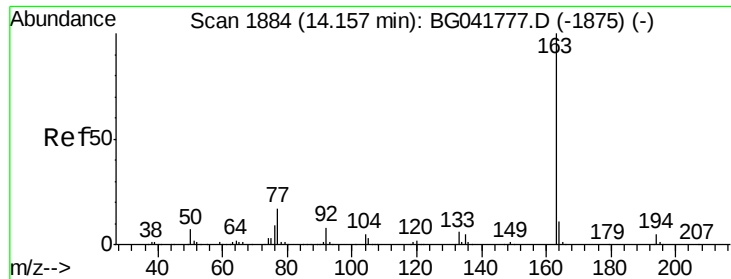


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.212 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041848.D

Acq: 1 Aug 2019 00:36

Instrument :

BNA_G

ClientSampleId :

TP-5

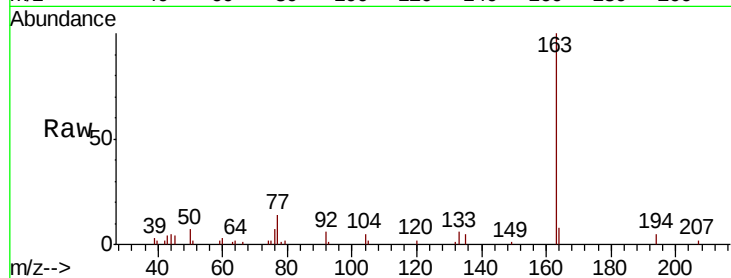
Tot Ion:163 Resp: 25157

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

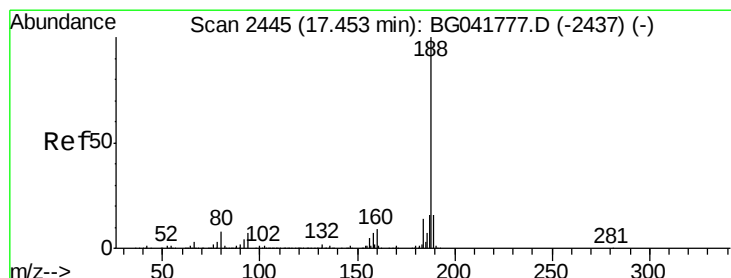
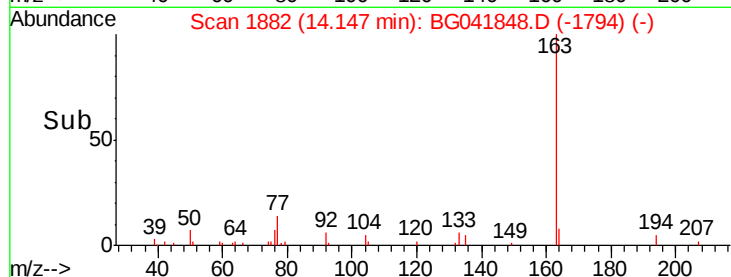
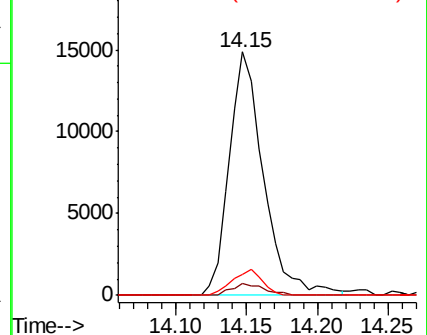
164 8.4 9.4 14.2#



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. -0.00 min

Lab File: BG041848.D

Acq: 1 Aug 2019 00:36

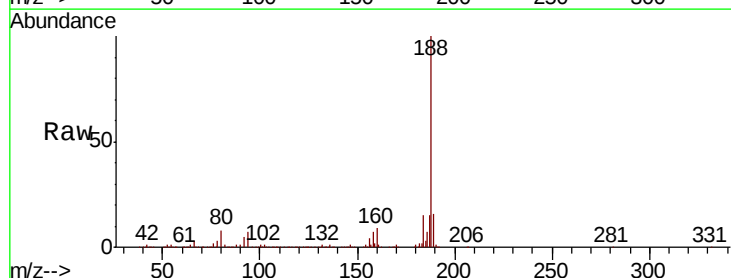
Tgt Ion:188 Resp: 571053

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

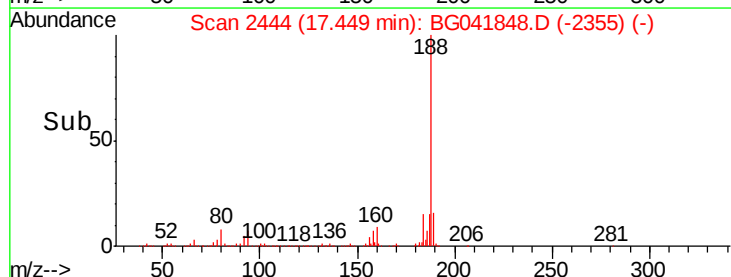
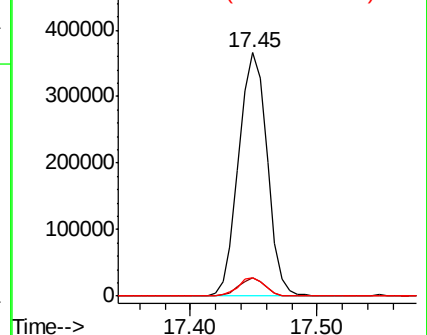
80 7.7 8.0 12.0#

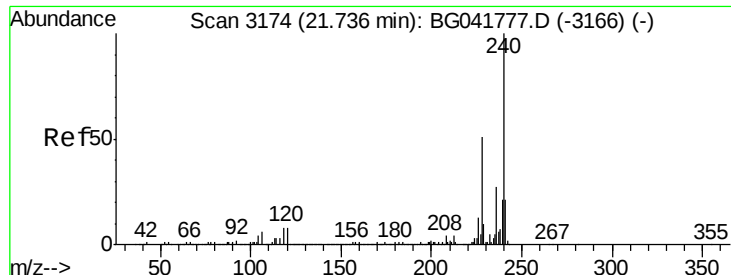


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

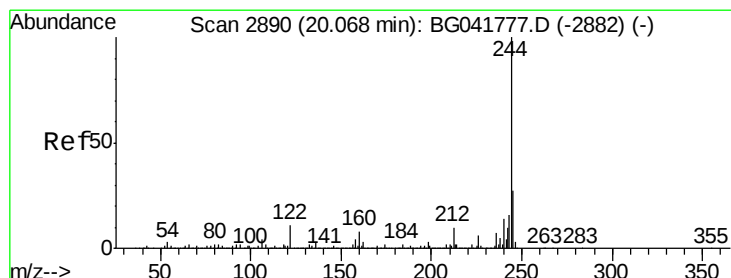
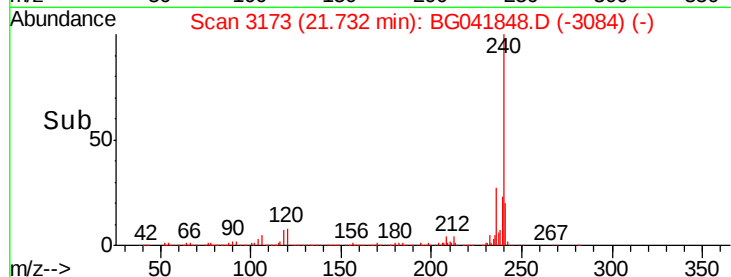
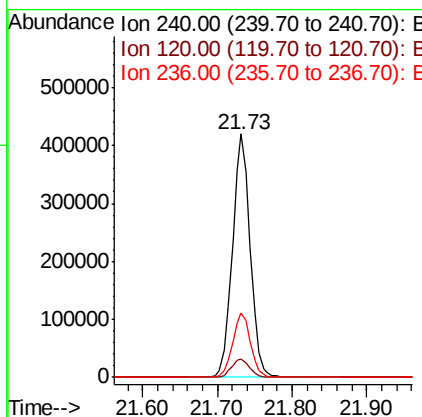
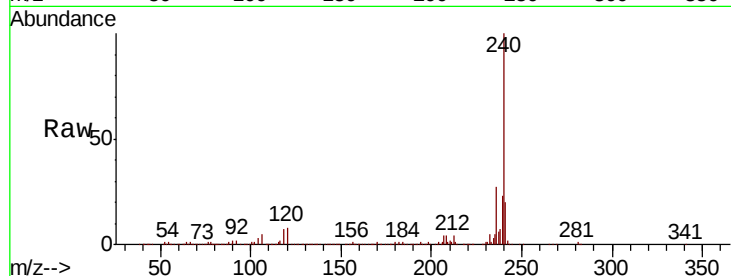




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: BG041848.D
 Acq: 1 Aug 2019 00:36

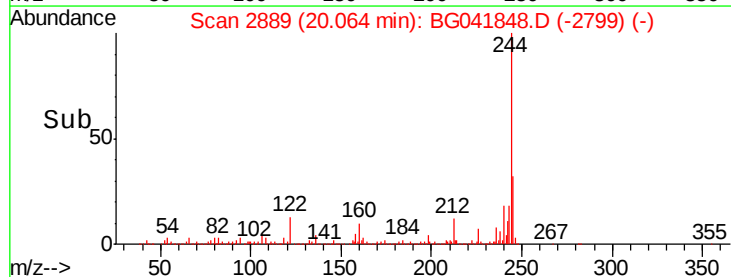
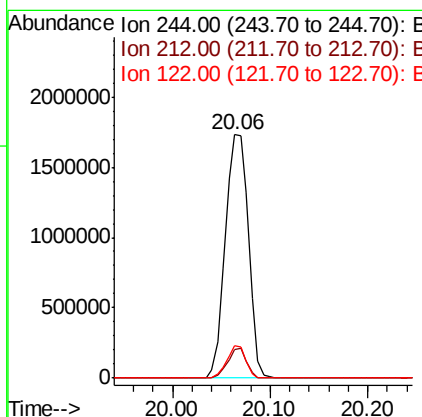
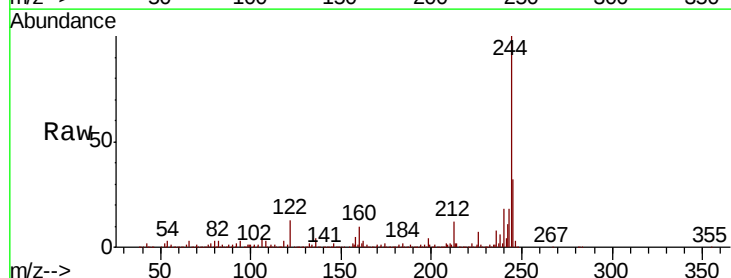
Instrument :
 BNA_G
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 TP-5

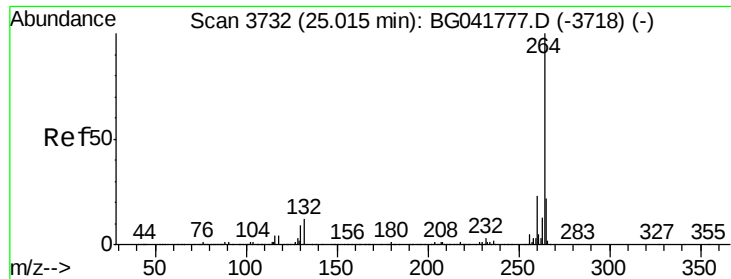
Tot Ion:240 Resp: 693308
 Ion Ratio Lower Upper
 240 100
 120 7.7 8.0 12.0#
 236 26.5 22.6 33.8



#79
 Terphenyl-d14
 Concen: 93.724 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. -0.00 min
 Lab File: BG041848.D
 Acq: 1 Aug 2019 00:36

Tgt Ion:244 Resp: 2839684
 Ion Ratio Lower Upper
 244 100
 212 11.7 9.7 14.5
 122 13.2 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: BG041848.D
Acq: 1 Aug 2019 00:36

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.0	18.0	27.0

