

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
 Data File : BG041762.D
 Acq On : 23 Jul 2019 19:06
 Operator : HP/JU
 Sample : K3934-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Jul 24 04:01:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

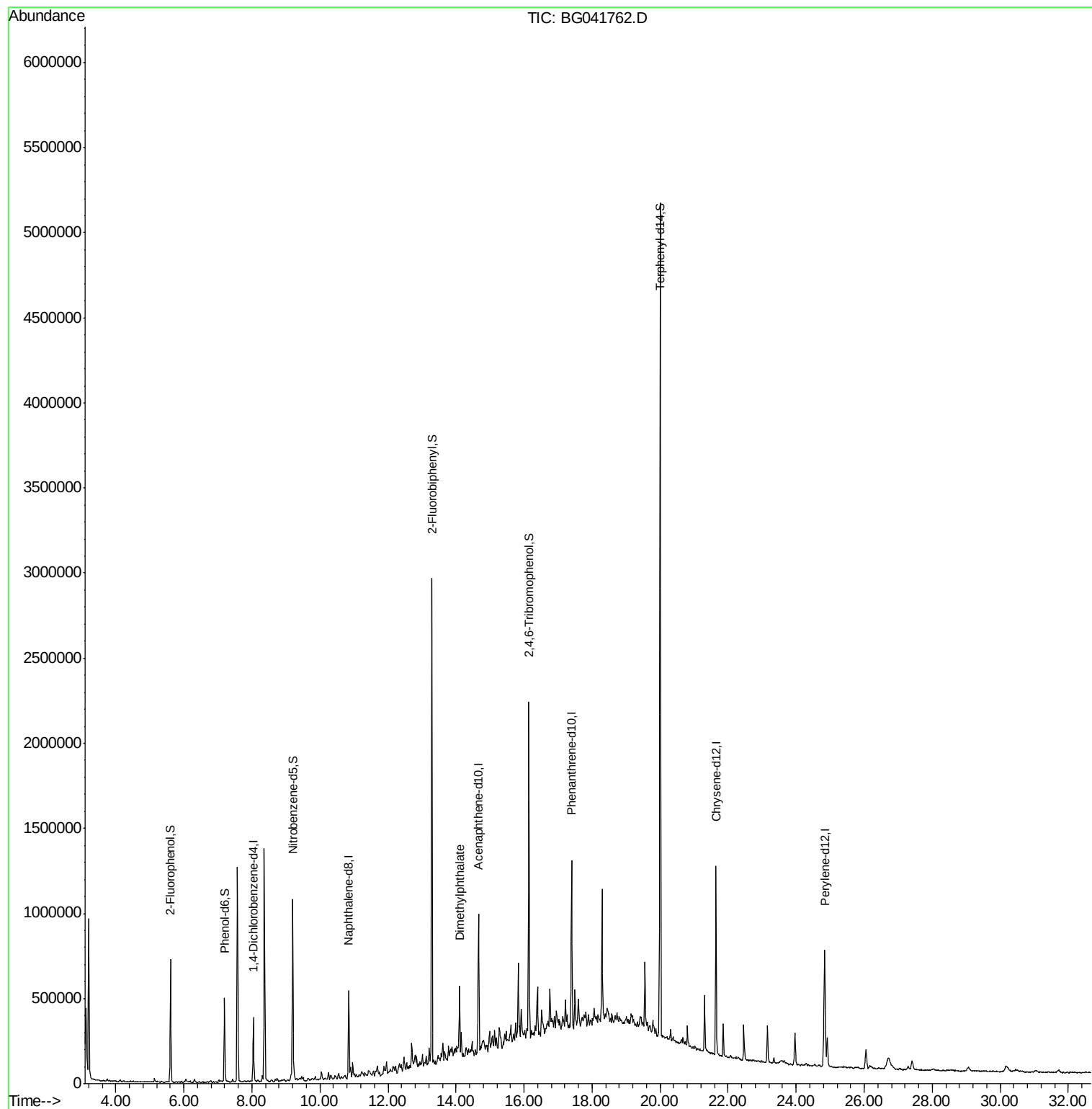
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	112160	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	426834	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	286799	20.00	ng	-0.01
64) Phenanthrene-d10	17.40	188	601861	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	664504	20.00	ng	-0.02
87) Perylene-d12	24.84	264	767380	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	321209	46.82	ng	0.00
7) Phenol-d6	7.20	99	286165	31.01	ng	0.00
23) Nitrobenzene-d5	9.20	82	627254	89.37	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	408148	126.28	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1539019	83.10	ng	-0.01
79) Terphenyl-d14	20.00	244	2277520	80.09	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.11	163	246310	10.935	ng	Qvalue 98

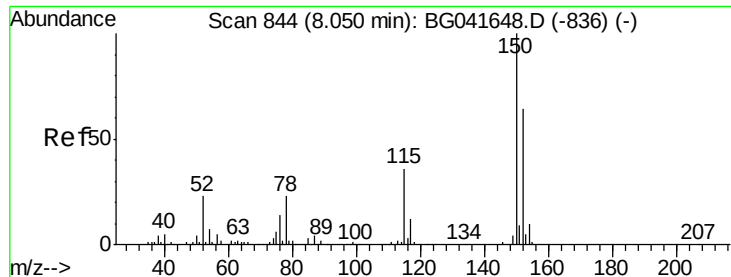
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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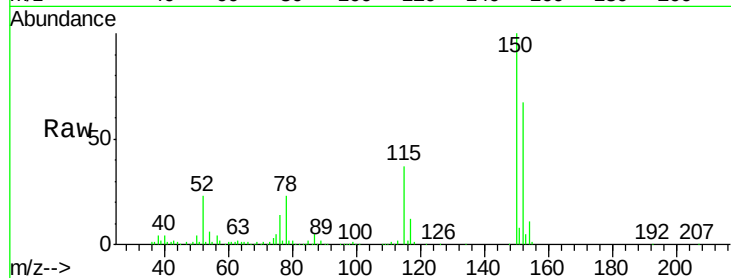


#1

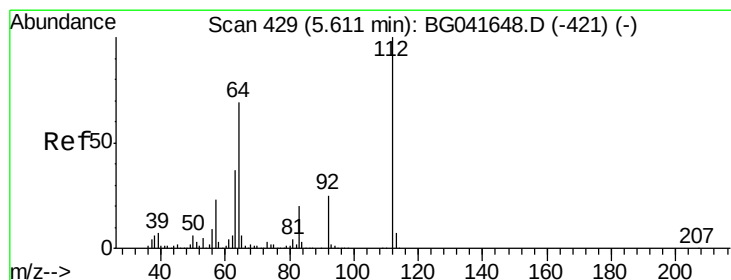
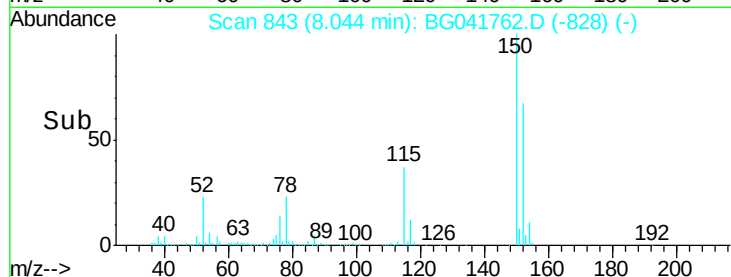
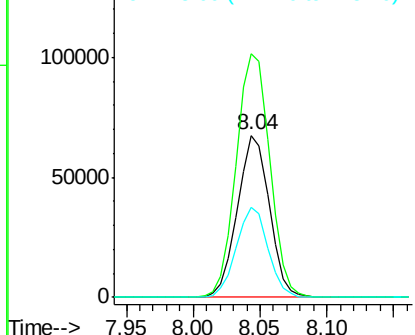
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion	152	Resp	112160
Ion	Ratio	Lower	Upper
152	100		
150	150.1	126.9	190.3
115	55.2	45.0	67.6



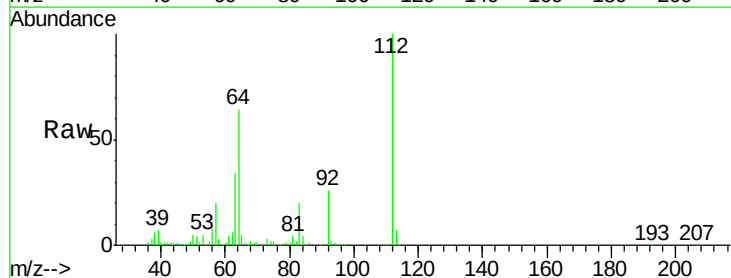
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



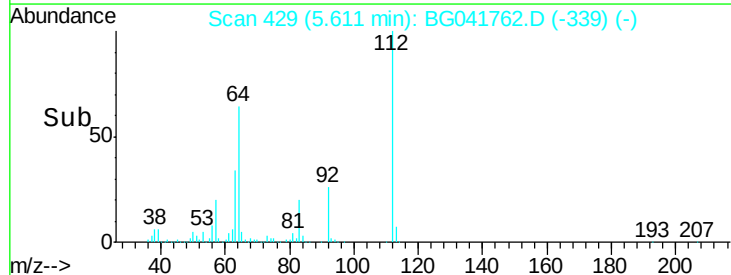
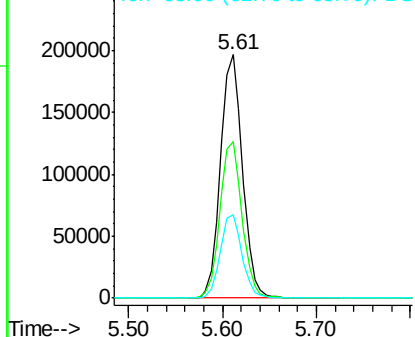
#5

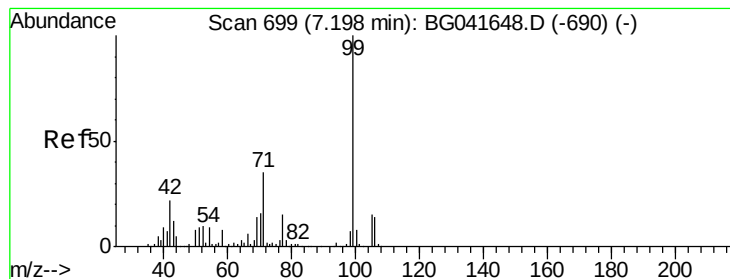
2-Fluorophenol
Concen: 46.817 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Tgt Ion	112	Resp	321209
Ion	Ratio	Lower	Upper
112	100		
64	64.3	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): BG041762.D (-339) (-)
Ion 63.00 (62.70 to 63.70): BG041762.D (-339) (-)





#7

Phenol-d6

Concen: 31.009 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG041762.D

Acq: 23 Jul 2019 19:06

Instrument :

BNA_G

ClientSampleId :

TP-3

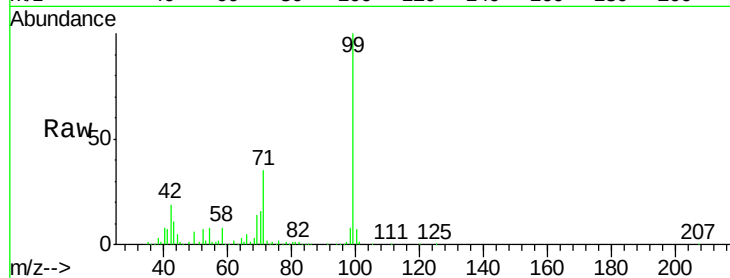
Tot Ion: 99 Resp: 286165

Ion Ratio Lower Upper

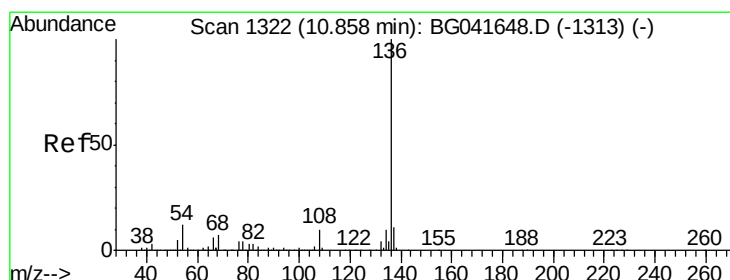
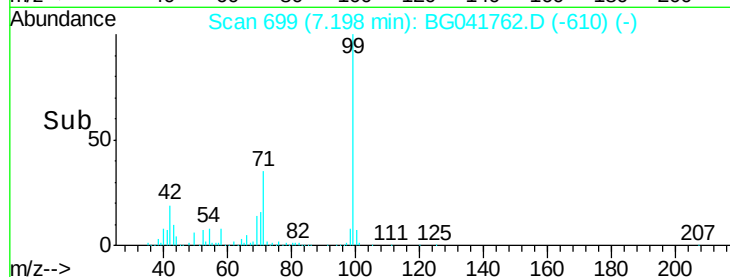
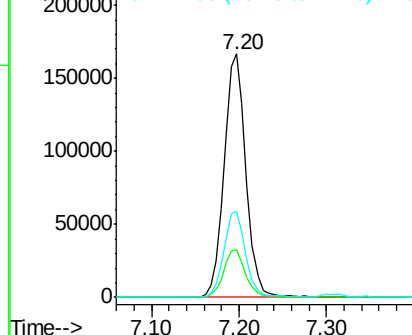
99 100

42 19.5 17.6 26.4

71 35.3 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: 10.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG041762.D

Acq: 23 Jul 2019 19:06

Tgt Ion: 136 Resp: 426834

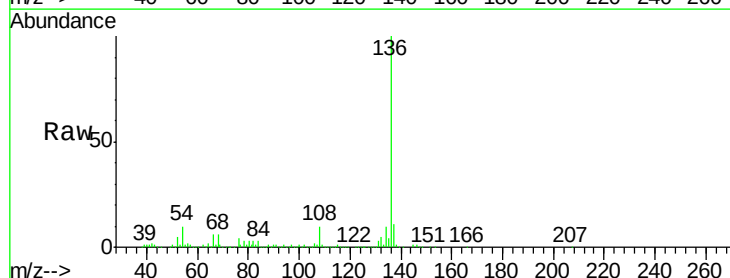
Ion Ratio Lower Upper

136 100

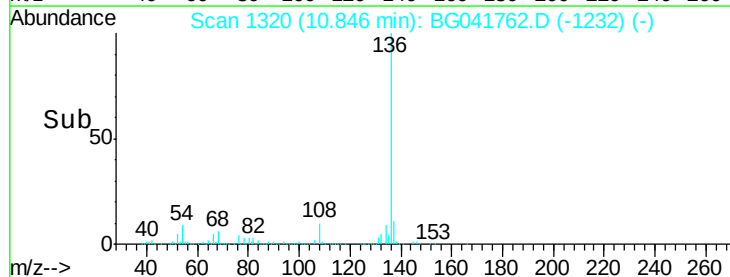
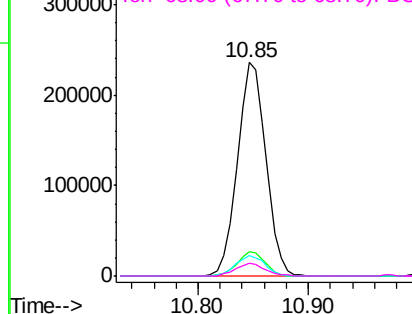
137 11.4 9.2 13.8

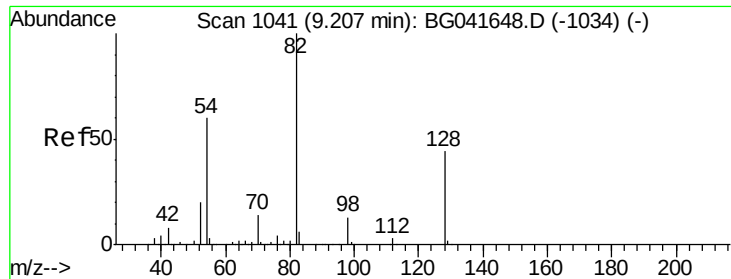
54 9.6 8.7 13.1

68 5.8 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

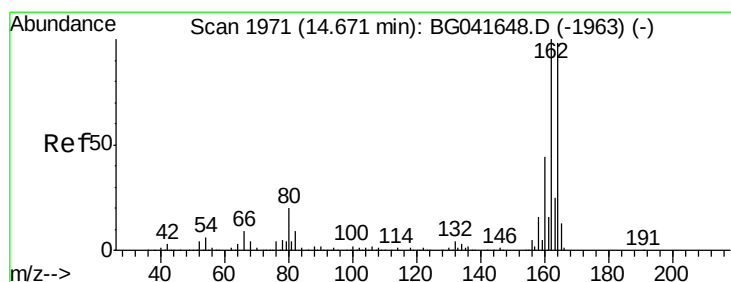
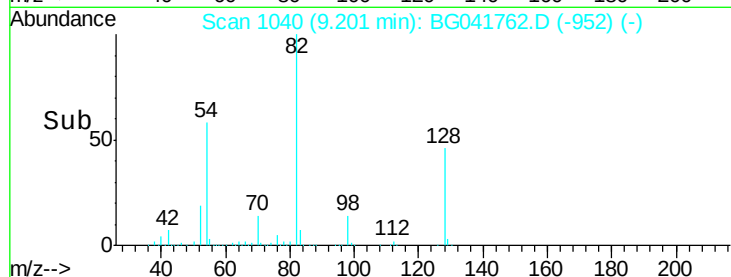
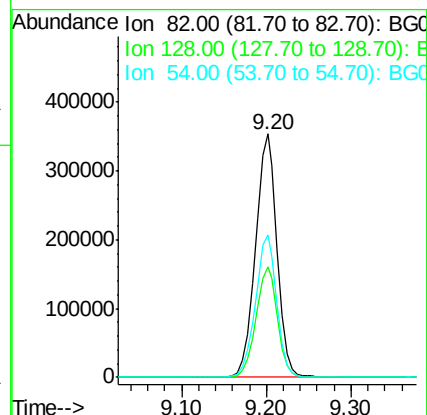
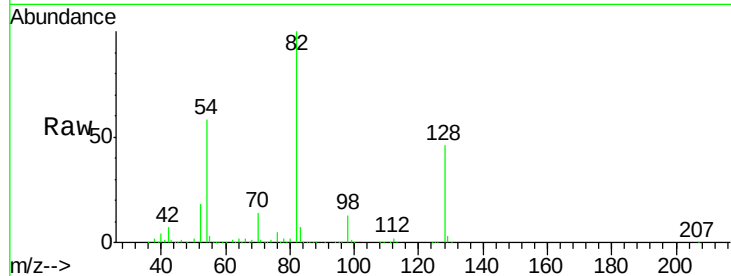




#23
Nitrobenzene-d5
Concen: 89.371 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

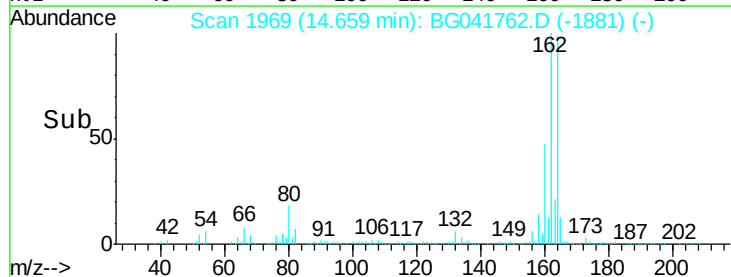
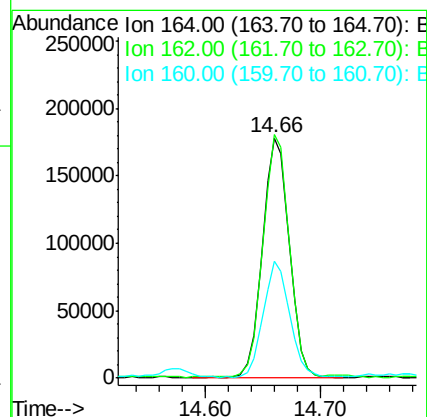
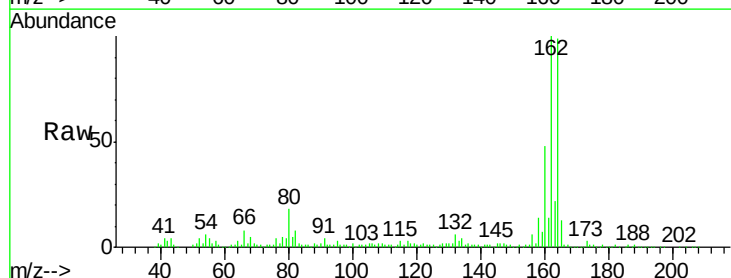
Instrument :
BNA_G
ClientSampled :
TP-3

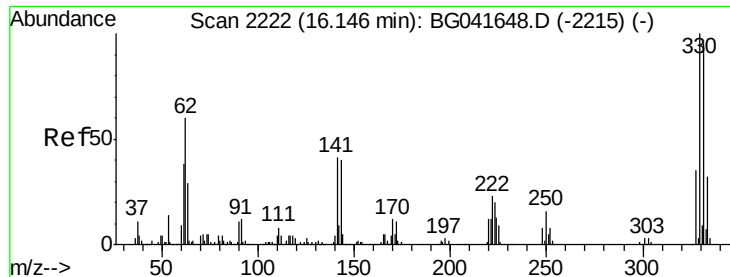
Tot Ion: 82 Resp: 627254
Ion Ratio Lower Upper
82 100
128 45.6 35.1 52.7
54 58.4 48.7 73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Tgt Ion: 164 Resp: 286799
Ion Ratio Lower Upper
164 100
162 101.5 79.6 119.4
160 48.9 35.4 53.0

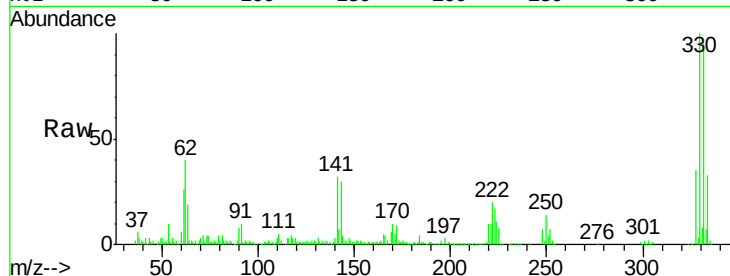




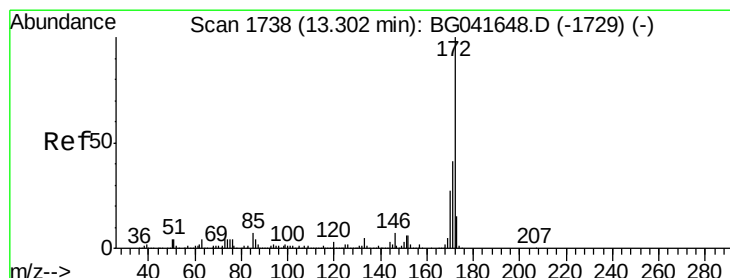
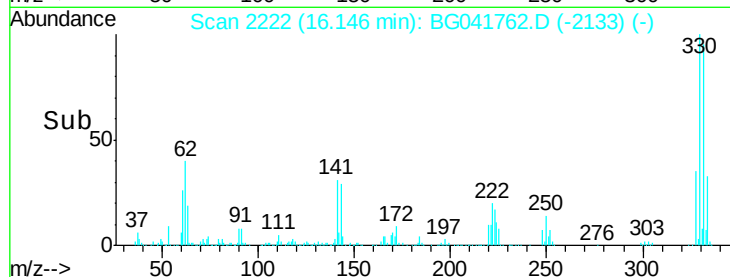
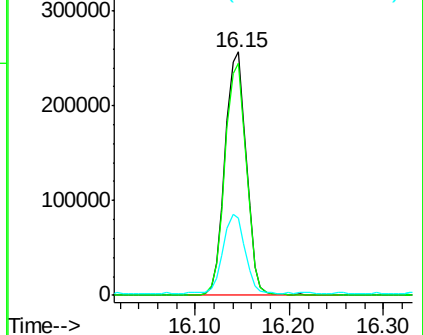
#42
 2,4,6-Tribromophenol
 Concen: 126.276 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG041762.D
 Acq: 23 Jul 2019 19:06

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tot Ion:330 Resp: 408148
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.0
 141 33.3 31.9 47.9

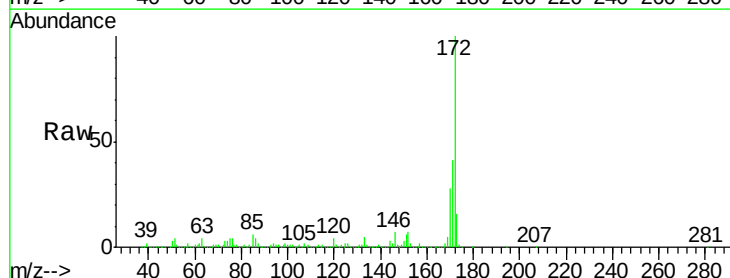


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

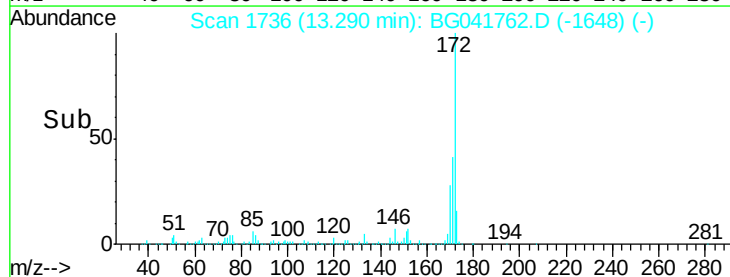
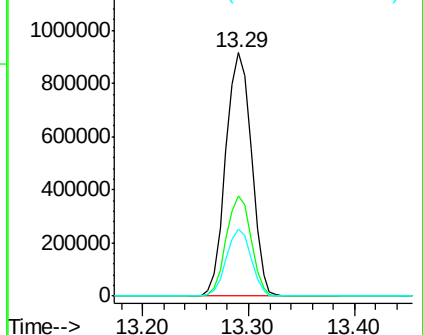


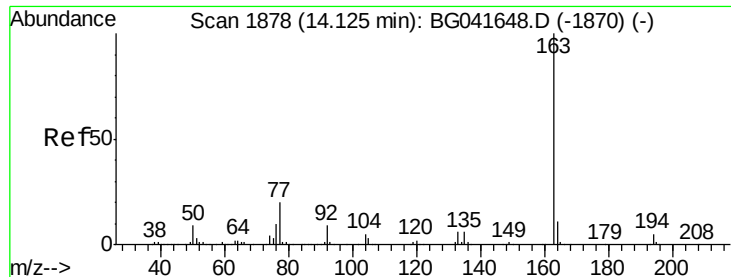
#45
 2-Fluorobiphenyl
 Concen: 83.095 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG041762.D
 Acq: 23 Jul 2019 19:06

Tgt Ion:172 Resp: 1539019
 Ion Ratio Lower Upper
 172 100
 171 41.4 35.0 52.4
 170 27.6 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: 10.935 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG041762.D

Acq: 23 Jul 2019 19:06

Instrument :

BNA_G

ClientSampleId :

TP-3

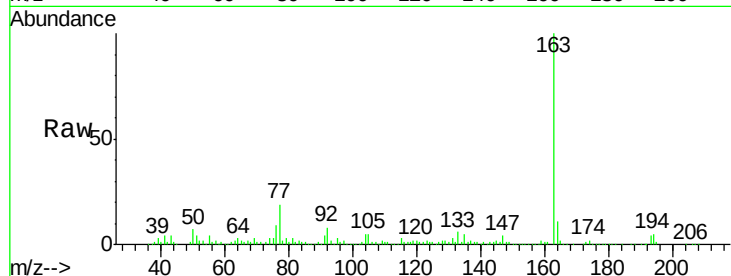
Tot Ion:163 Resp: 246310

Ion Ratio Lower Upper

163 100

194 5.3 4.2 6.2

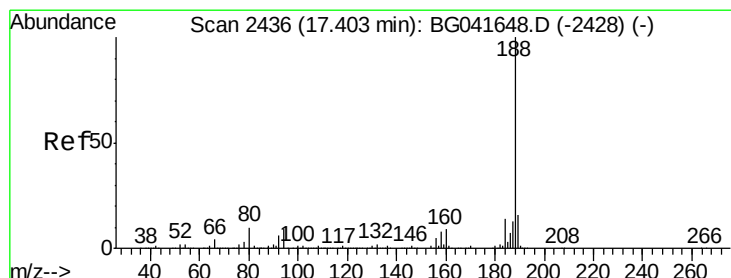
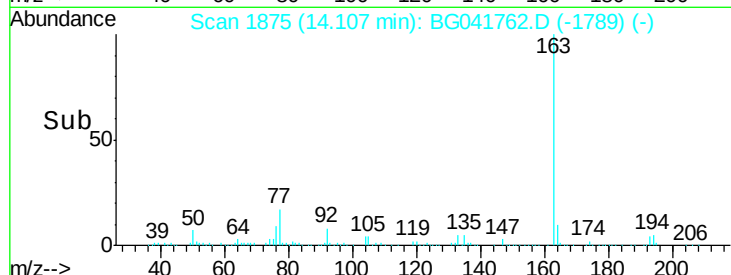
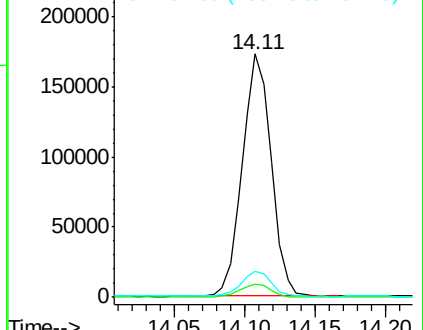
164 10.8 9.4 14.2



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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG041762.D

Acq: 23 Jul 2019 19:06

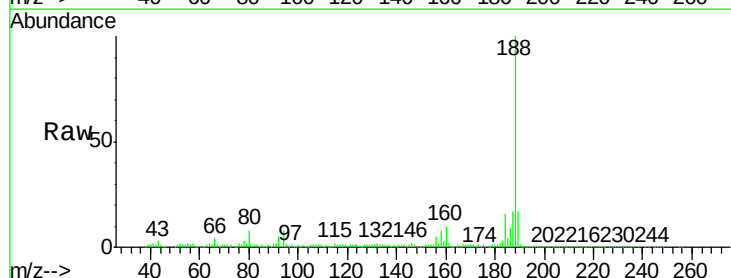
Tgt Ion:188 Resp: 601861

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

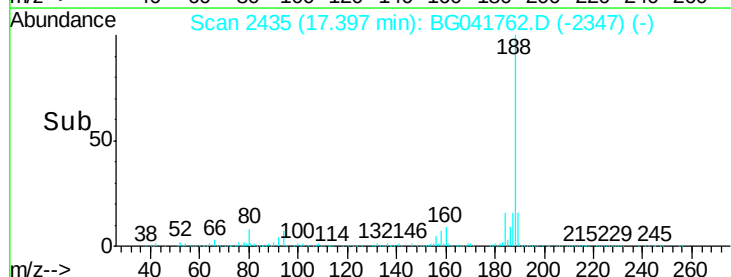
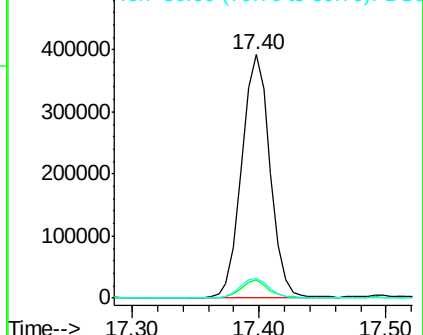
80 8.2 8.0 12.0

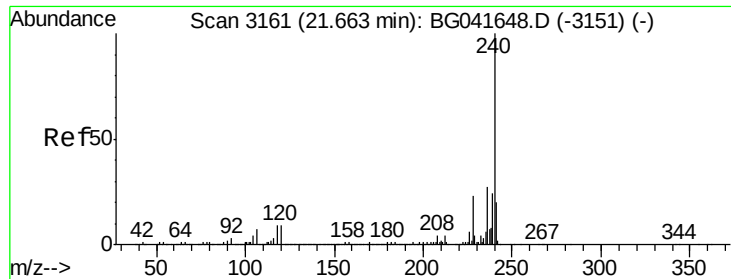


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

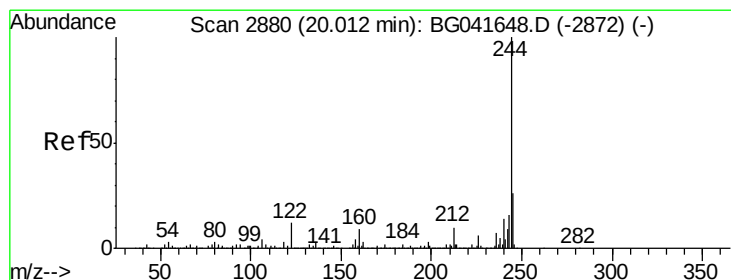
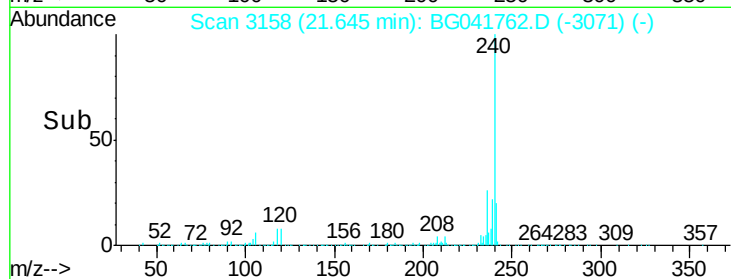
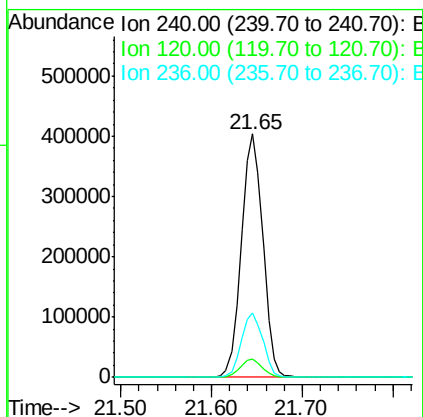
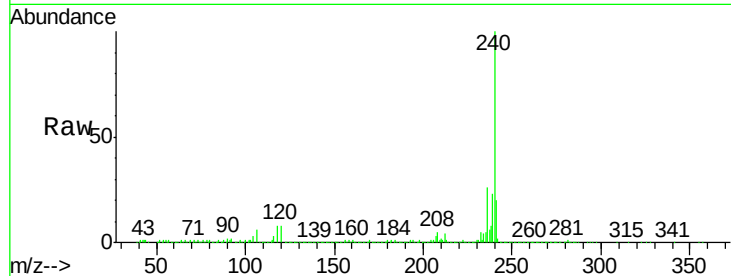




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3158
Delta R.T. -0.02 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

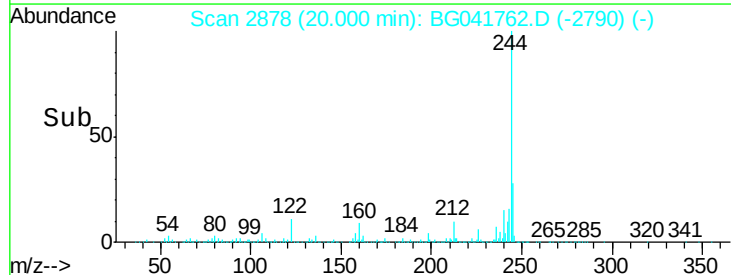
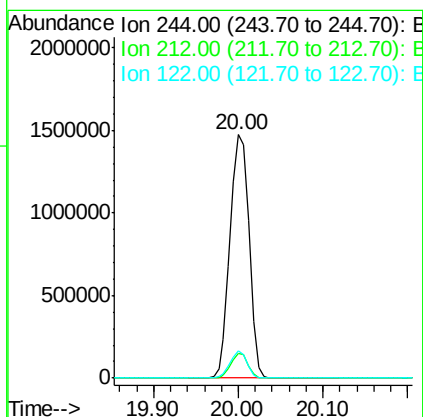
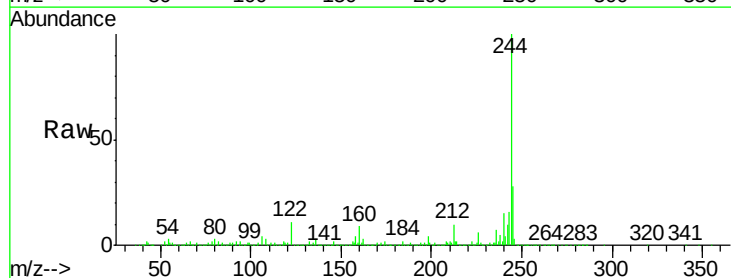
Instrument :
BNA_G
ClientSampled :
TP-3

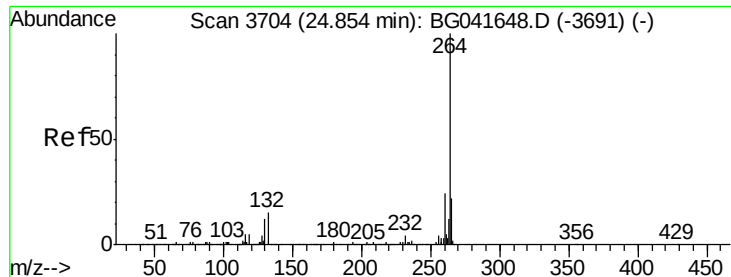
Tot Ion:240 Resp: 664504
Ion Ratio Lower Upper
240 100
120 7.8 8.0 12.0#
236 26.3 22.6 33.8



#79
Terphenyl-d14
Concen: 80.094 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Tgt Ion:244 Resp: 2277520
Ion Ratio Lower Upper
244 100
212 10.4 9.7 14.5
122 11.4 12.5 18.7#

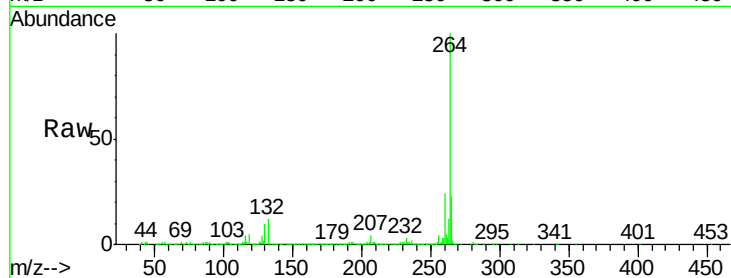




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3701
Delta R.T. -0.03 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.8	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

