

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
 Data File : BG041107.D
 Acq On : 7 Jun 2019 18:35
 Operator : HP/JU
 Sample : K3223-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KY024MW068-190605

Quant Time: Jun 08 17:59:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 08 17:33:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	49442	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	205882	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	150308	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	354112	20.00	ng	0.00
76) Chrysene-d12	21.76	240	343997	20.00	ng	0.00
87) Perylene-d12	25.08	264	360418	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	160591	58.57	ng	0.00
7) Phenol-d6	7.25	99	154236	36.42	ng	0.00
23) Nitrobenzene-d5	9.29	82	385083	83.03	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	290814	130.33	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	941960	90.25	ng	0.00
79) Terphenyl-d14	20.08	244	1415762	87.35	ng	0.00

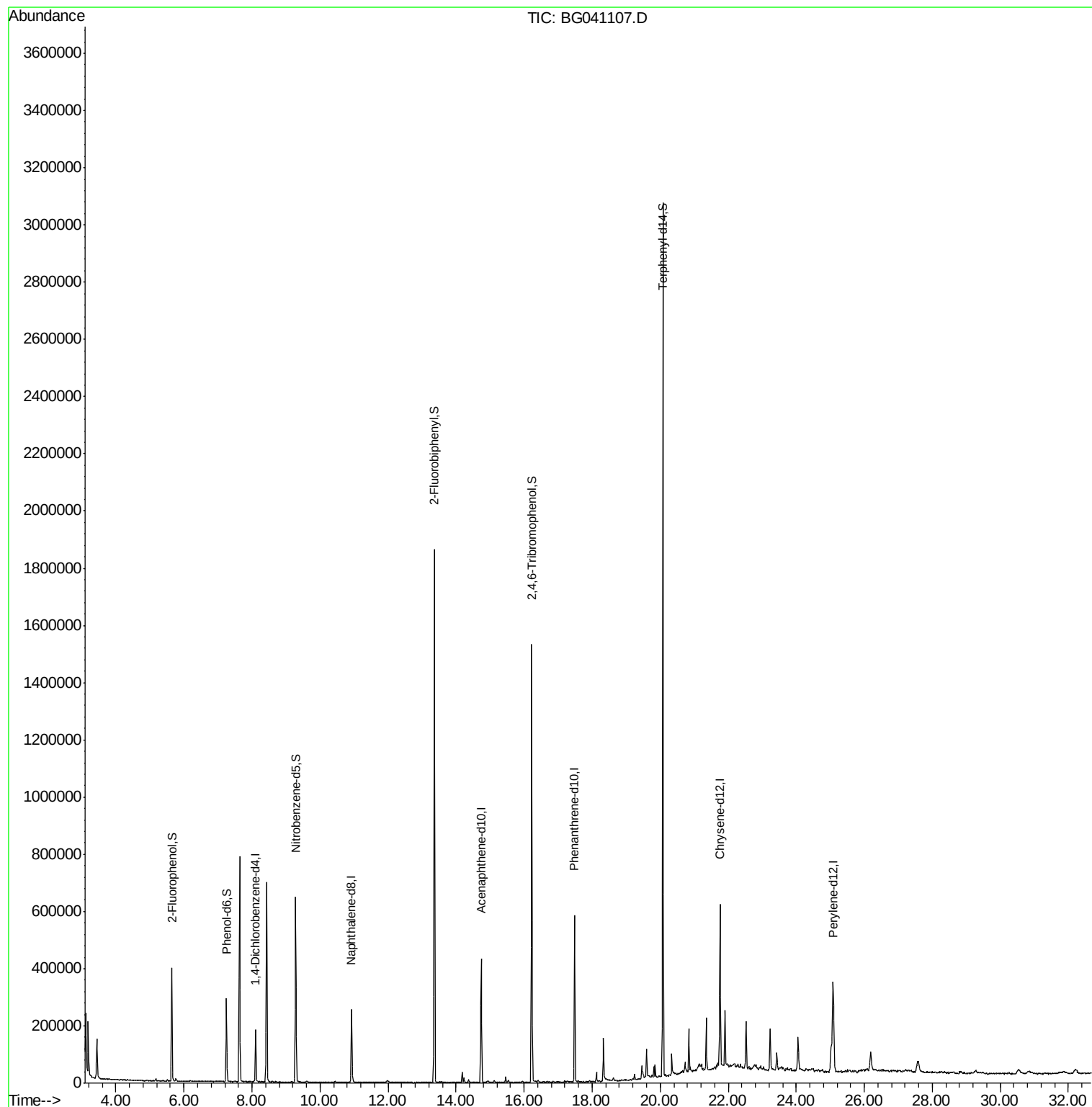
Target Compounds Qvalue

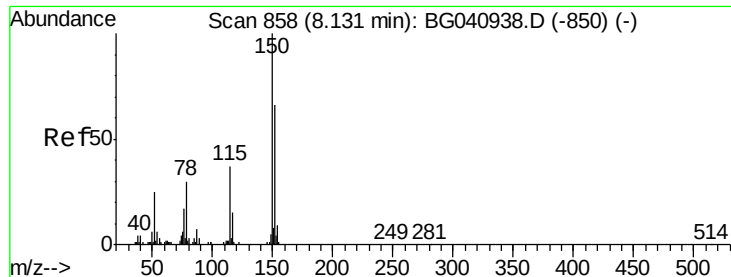
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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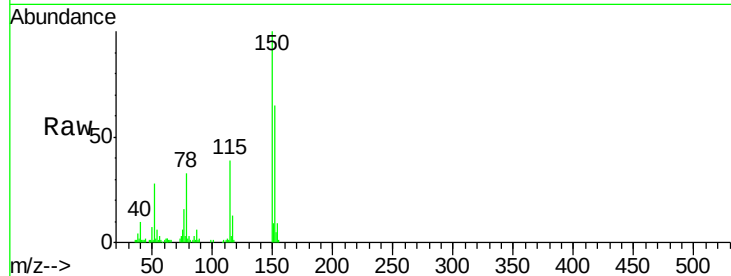


#1

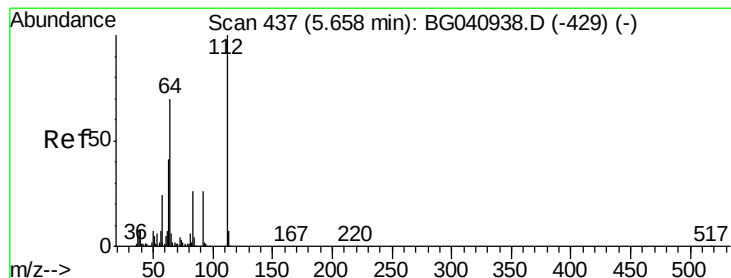
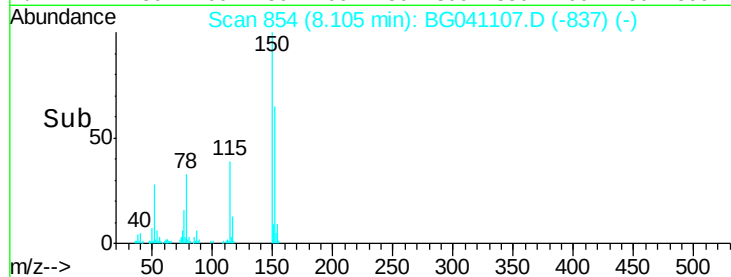
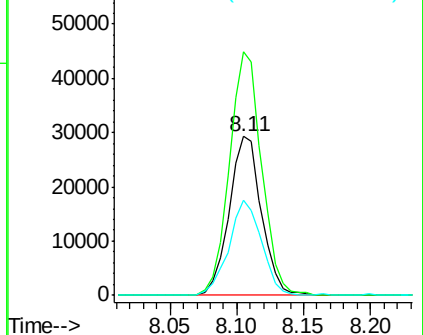
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041107.D
Acq: 7 Jun 2019 18:35

Instrument :
BNA_G
ClientSampleId :
KY024MW068-190605

Tot Ion:152 Resp: 49442
Ion Ratio Lower Upper
152 100
150 153.1 111.7 167.5
115 59.9 48.6 73.0



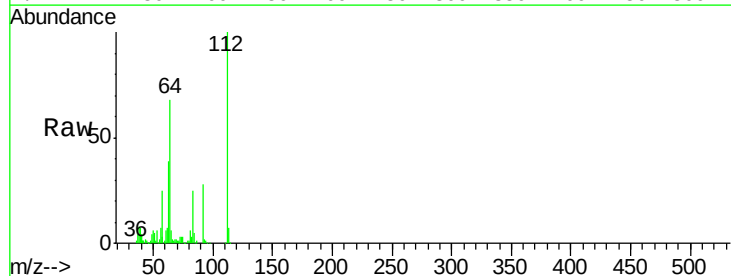
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



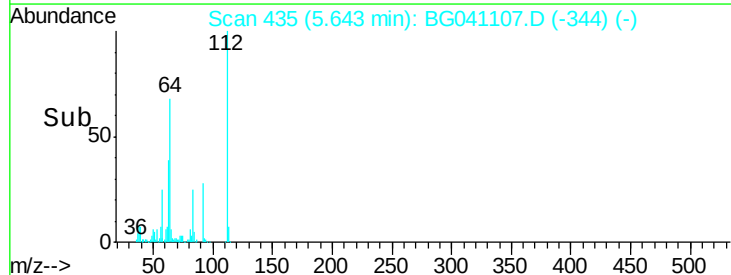
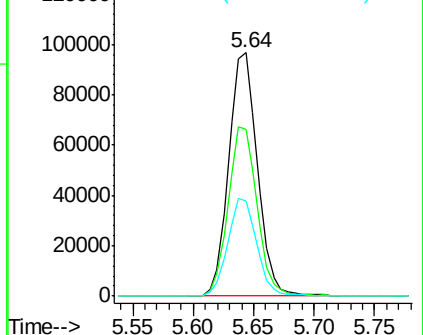
#5

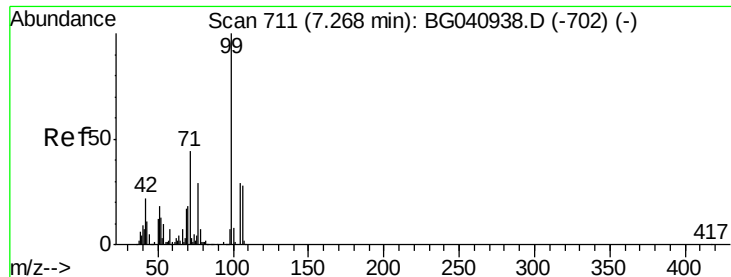
2-Fluorophenol
Concen: 58.570 ng
RT: 5.64 min Scan# 435
Delta R.T. 0.00 min
Lab File: BG041107.D
Acq: 7 Jun 2019 18:35

Tgt Ion:112 Resp: 160591
Ion Ratio Lower Upper
112 100
64 68.4 54.5 81.7
63 39.1 32.2 48.2



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: 36.423 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG041107.D

Acq: 7 Jun 2019 18:35

Instrument :

BNA_G

ClientSampleId :

KY024MW068-190605

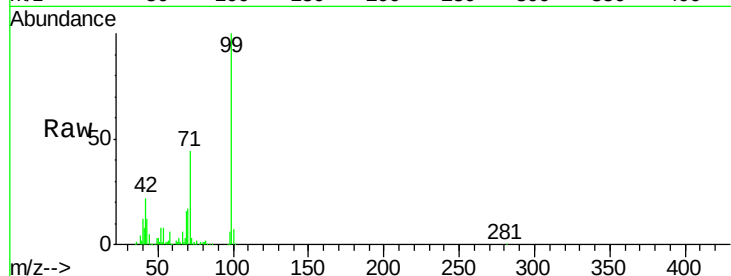
Tot Ion: 99 Resp: 154236

Ion Ratio Lower Upper

99 100

42 22.5 18.8 28.2

71 43.6 35.6 53.4

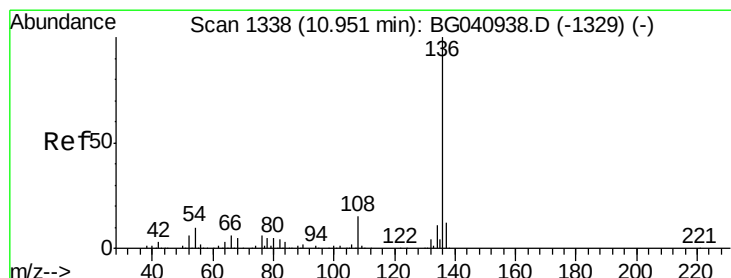
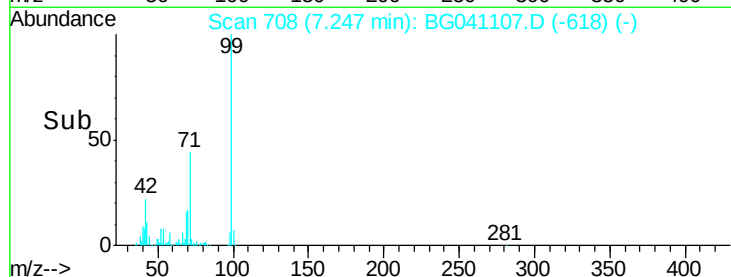
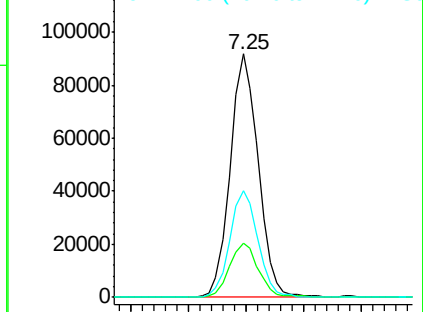


Abundance

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: 10.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BG041107.D

Acq: 7 Jun 2019 18:35

Tgt Ion: 136 Resp: 205882

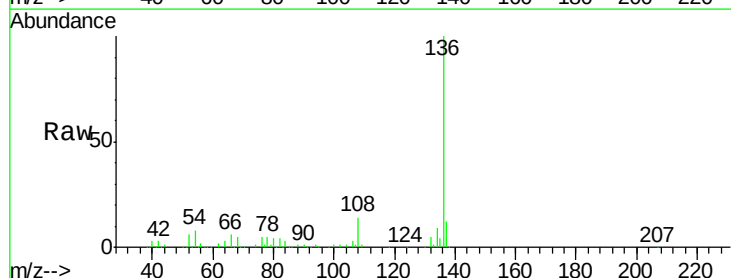
Ion Ratio Lower Upper

136 100

137 11.9 8.9 13.3

54 8.3 7.4 11.2

68 5.0 4.0 6.0



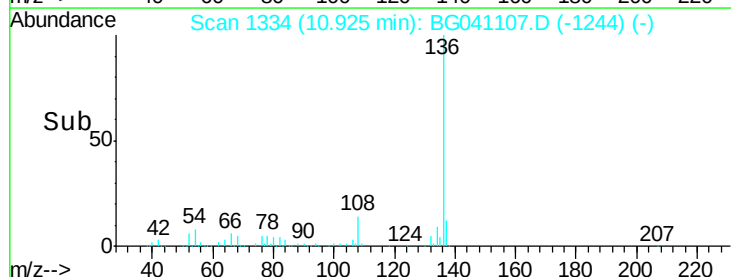
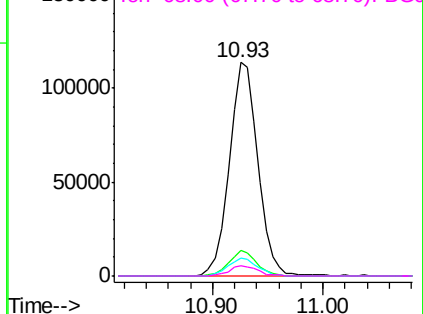
Abundance

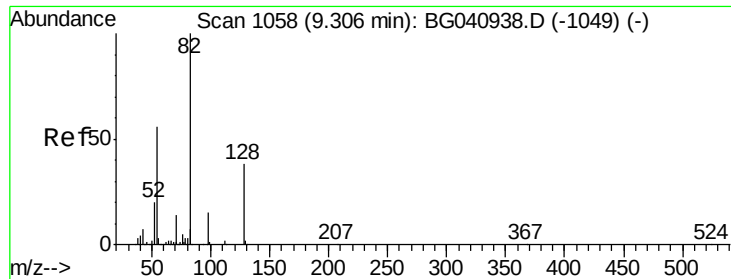
Ion 136.00 (135.70 to 136.70): BGC

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

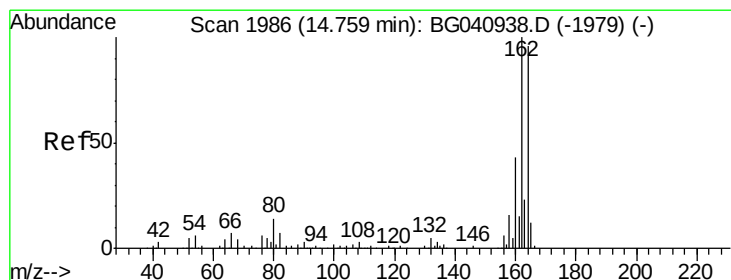
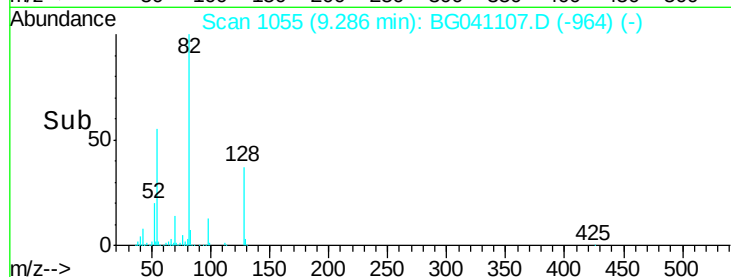
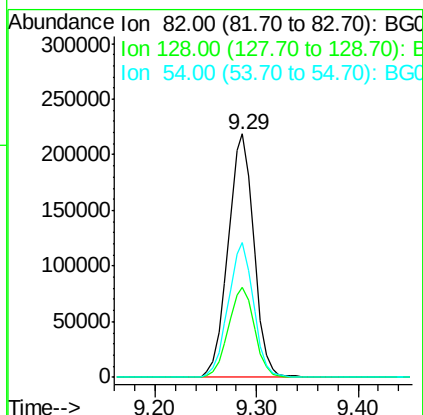
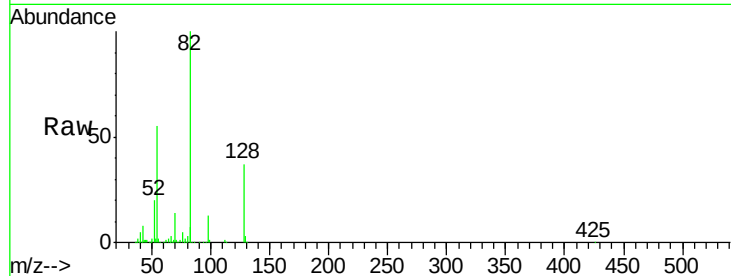




#23
 Nitrobenzene-d5
 Concen: 83.034 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BG041107.D
 Acq: 7 Jun 2019 18:35

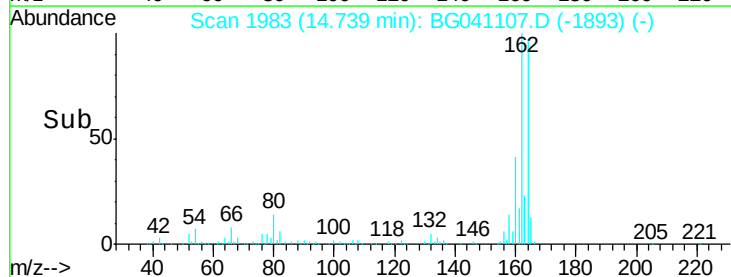
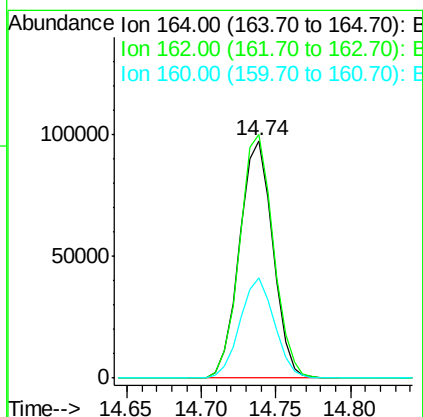
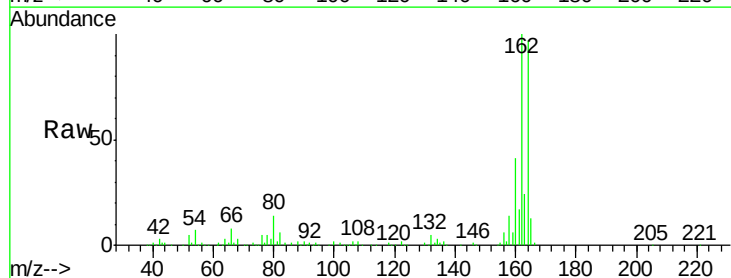
Instrument :
 BNA_G
 ClientSampleId :
 KY024MW068-190605

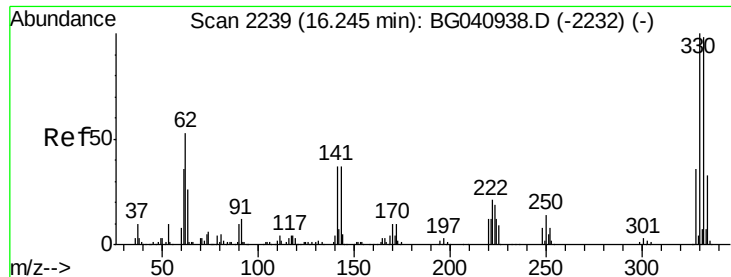
Tot Ion	82	Resp	385083
Ion Ratio	Lower	Upper	
82	100		
128	36.8	29.8	44.6
54	55.1	43.6	65.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG041107.D
 Acq: 7 Jun 2019 18:35

Tgt Ion	164	Resp	150308
Ion Ratio	Lower	Upper	
164	100		
162	102.6	85.4	128.0
160	42.2	37.1	55.7





#42

2,4,6-Tribromophenol

Concen: 130.326 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041107.D

Acq: 7 Jun 2019 18:35

Instrument :

BNA_G

ClientSampleId :

KY024MW068-190605

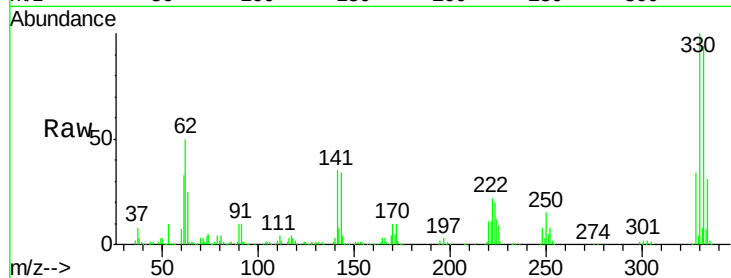
Tot Ion:330 Resp: 290814

Ion Ratio Lower Upper

330 100

332 94.5 77.9 116.9

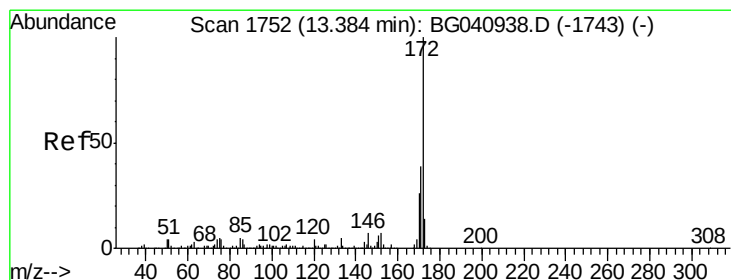
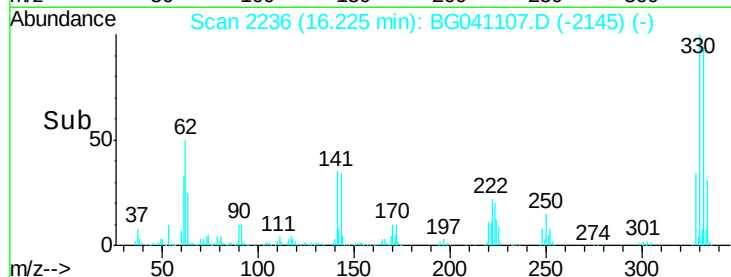
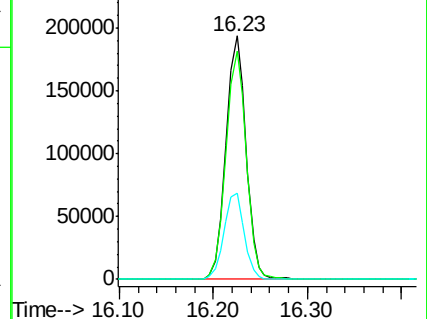
141 35.4 29.0 43.4



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: 90.250 ng

RT: 13.36 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BG041107.D

Acq: 7 Jun 2019 18:35

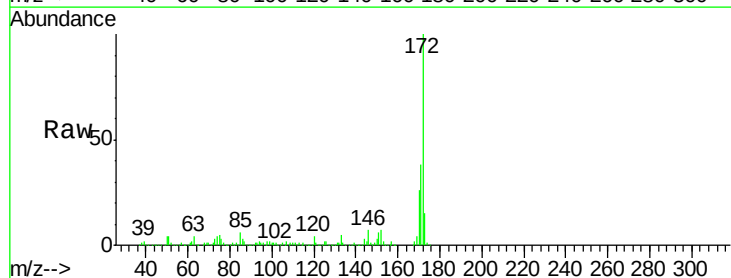
Tgt Ion:172 Resp: 941960

Ion Ratio Lower Upper

172 100

171 38.1 30.8 46.2

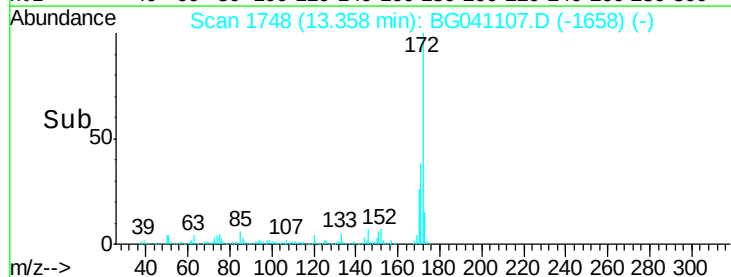
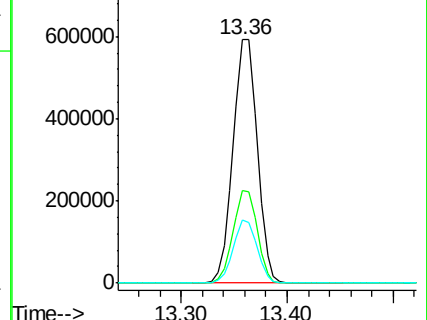
170 25.7 21.3 31.9

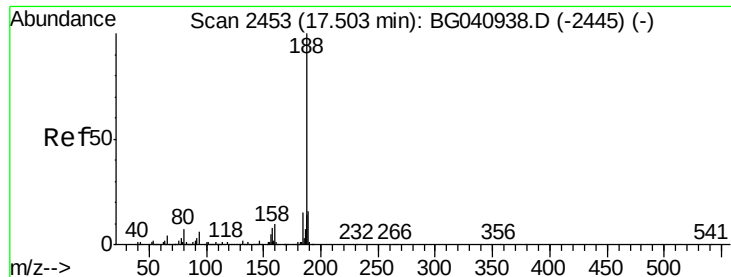


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG041107.D

Acq: 7 Jun 2019 18:35

Instrument :

BNA_G

ClientSampleId :

KY024MW068-190605

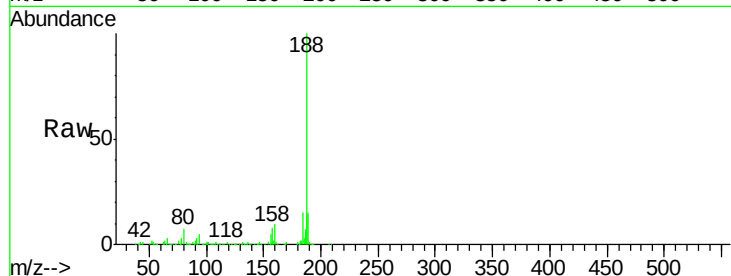
Tot Ion:188 Resp: 354112

Ion Ratio Lower Upper

188 100

94 5.1 4.6 7.0

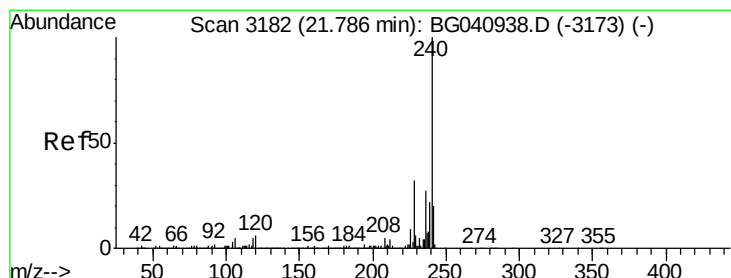
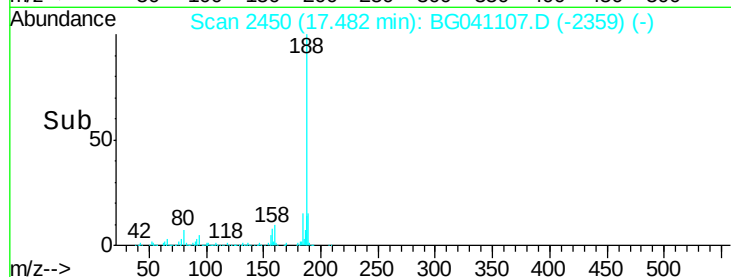
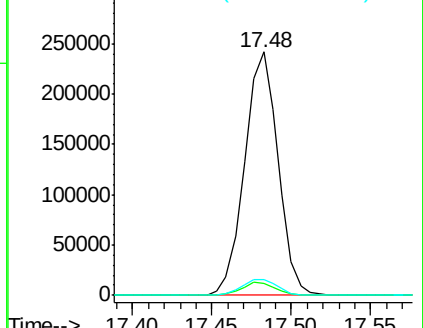
80 6.5 5.8 8.8



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: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG041107.D

Acq: 7 Jun 2019 18:35

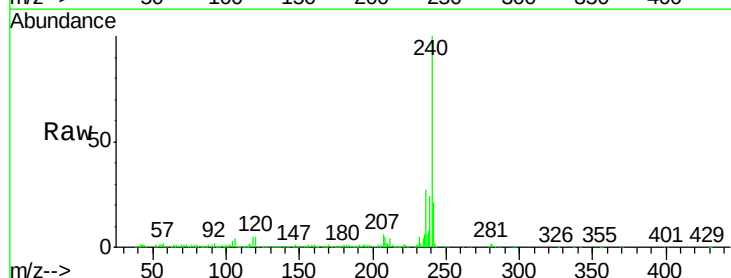
Tgt Ion:240 Resp: 343997

Ion Ratio Lower Upper

240 100

120 5.0 4.6 6.8

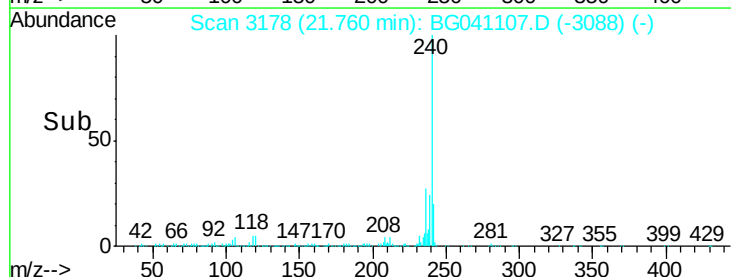
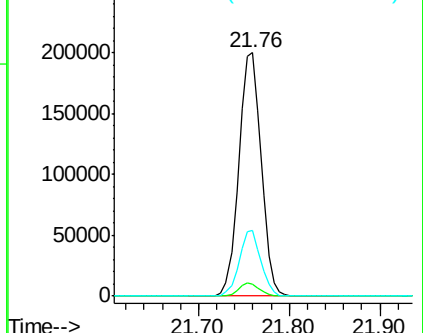
236 26.9 20.6 31.0

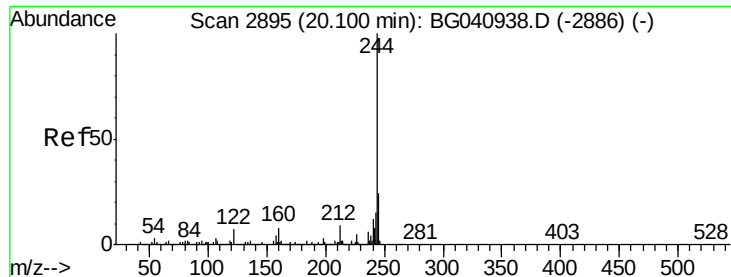


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.348 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.00 min

Lab File: BG041107.D

Acq: 7 Jun 2019 18:35

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KY024MW068-190605

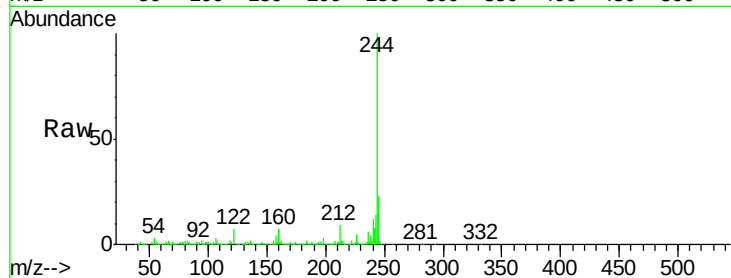
Tot Ion:244 Resp: 1415762

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

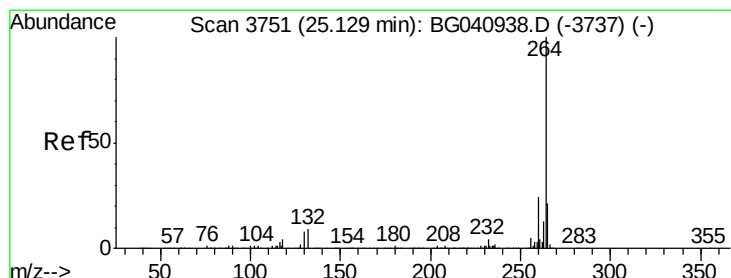
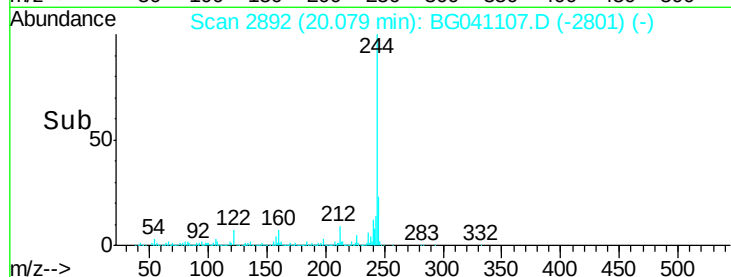
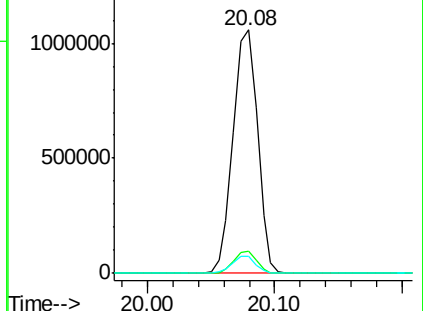
122 7.0 5.4 8.0



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: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041107.D

Acq: 7 Jun 2019 18:35

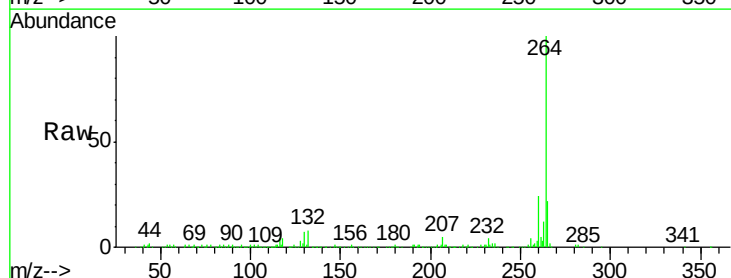
Tgt Ion:264 Resp: 360418

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 22.1 17.6 26.4



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

