

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
 Data File : BG041435.D
 Acq On : 24 Jun 2019 23:46
 Operator : HP/JU
 Sample : K3500-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-1(9-10)

Quant Time: Jun 25 06:36:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

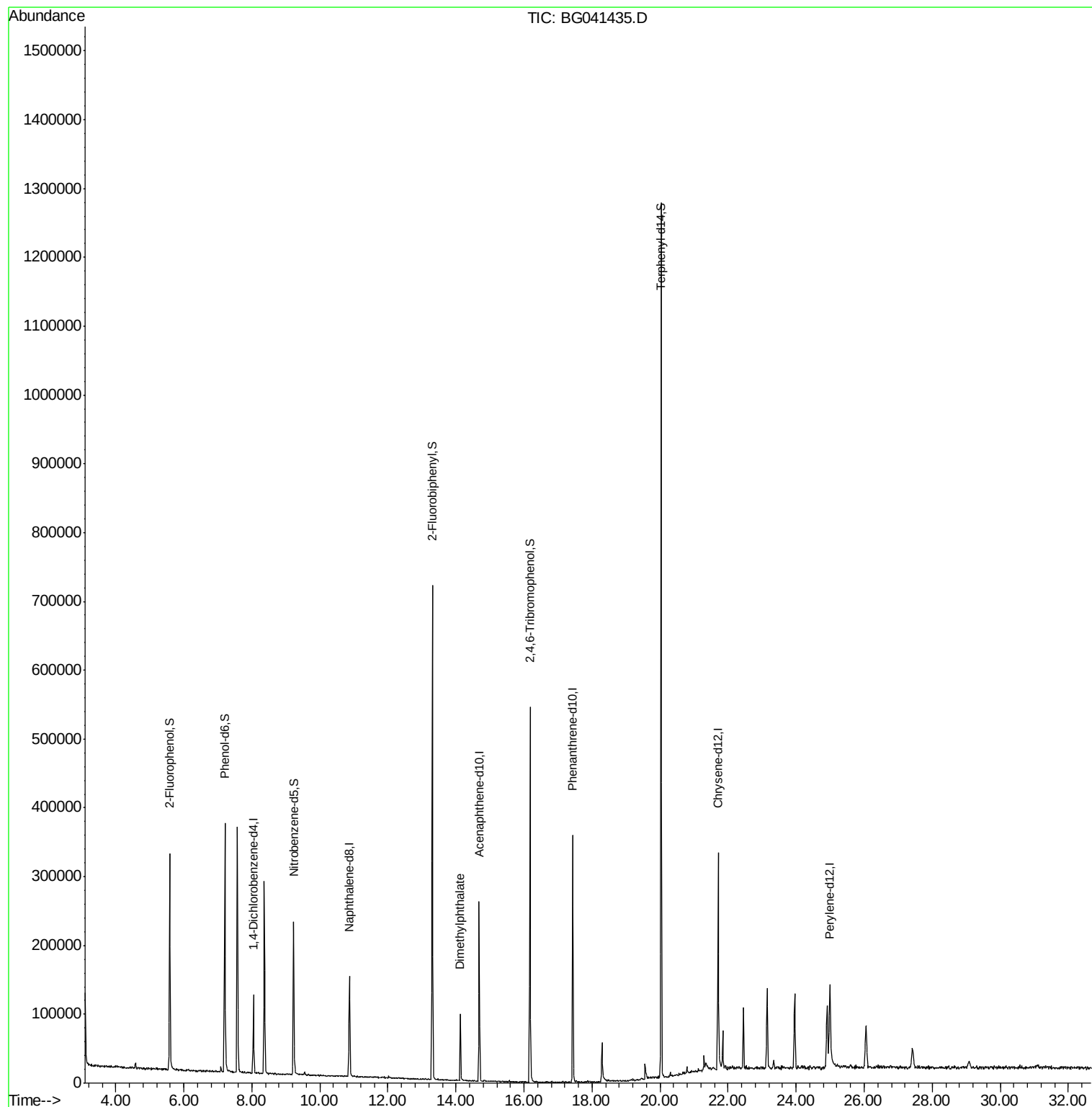
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	31016	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	126463	20.00	ng	-0.04
39) Acenaphthene-d10	14.68	164	91731	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	226216	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	214816	20.00	ng	-0.04
87) Perylene-d12	24.99	264	176782	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	127624	75.61	ng	-0.04
7) Phenol-d6	7.20	99	207592	84.84	ng	-0.03
23) Nitrobenzene-d5	9.23	82	145287	48.32	ng	-0.04
42) 2,4,6-Tribromophenol	16.18	330	106143	75.37	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	367028	54.38	ng	-0.04
79) Terphenyl-d14	20.03	244	621036	57.29	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.13	163	66258	8.118	ng	Qvalue 99

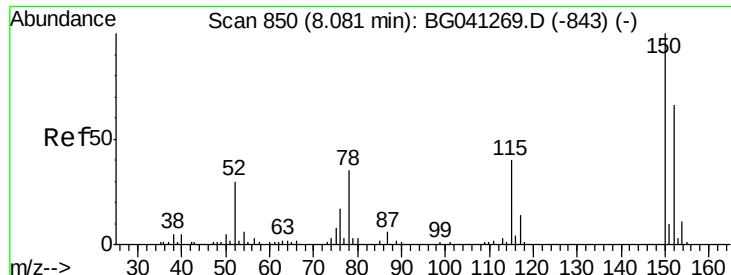
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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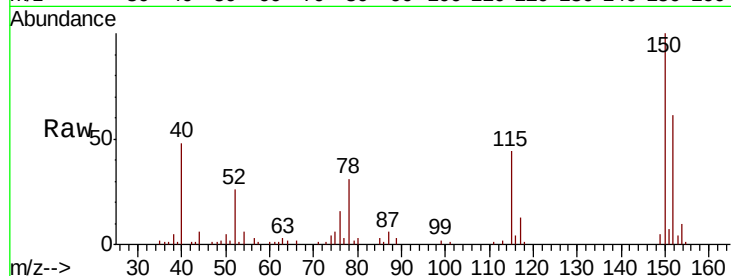


#1

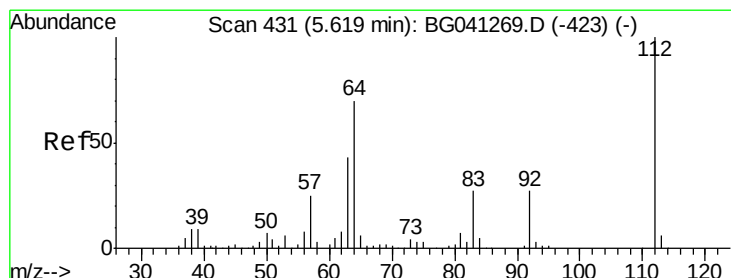
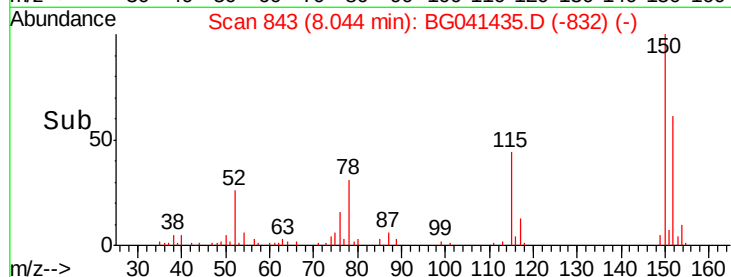
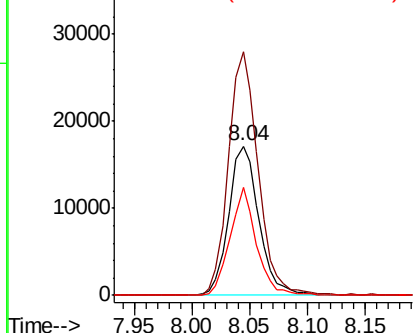
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041435.D
Acq: 24 Jun 2019 23:46

Instrument :
BNA_G
ClientSampleId :
B-1(9-10)

Tot Ion:152 Resp: 31016
Ion Ratio Lower Upper
152 100
150 163.1 120.6 181.0
115 72.0 47.9 71.9#



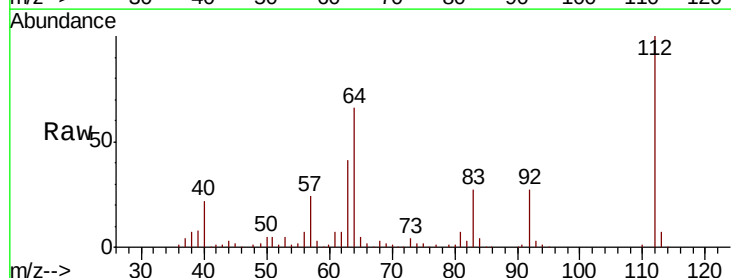
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



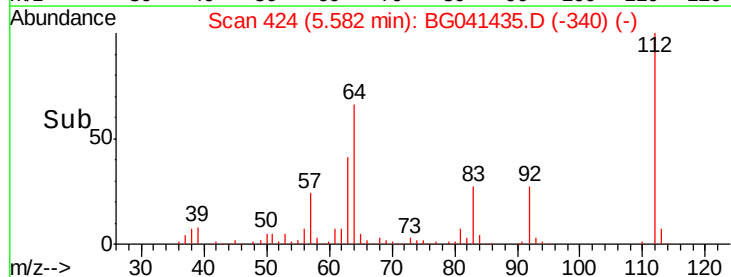
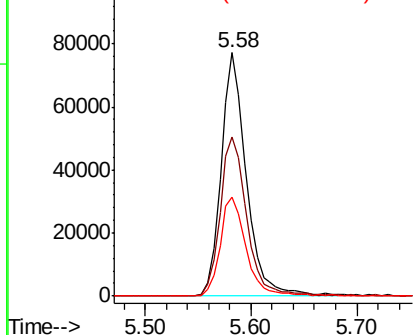
#5

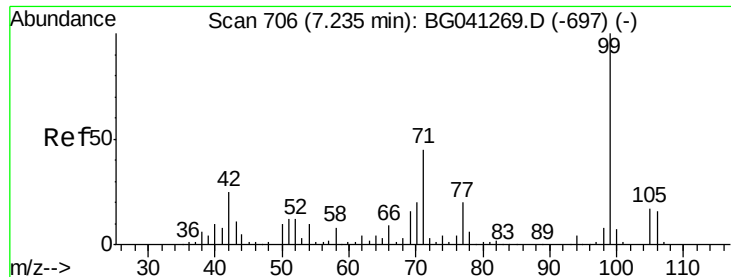
2-Fluorophenol
Concen: 75.606 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.04 min
Lab File: BG041435.D
Acq: 24 Jun 2019 23:46

Tgt Ion:112 Resp: 127624
Ion Ratio Lower Upper
112 100
64 65.6 55.9 83.9
63 40.6 34.6 51.8



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: 84.842 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041435.D

Acq: 24 Jun 2019 23:46

Instrument :

BNA_G

ClientSampled :

B-1(9-10)

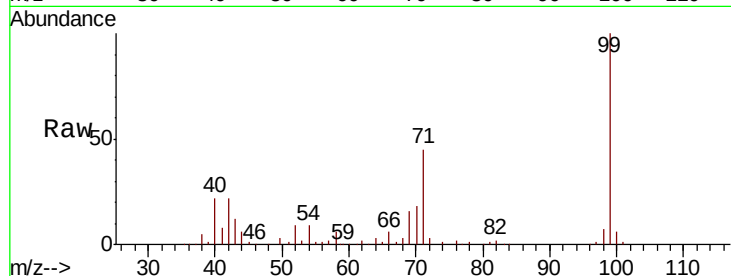
Tot Ion: 99 Resp: 207592

Ion Ratio Lower Upper

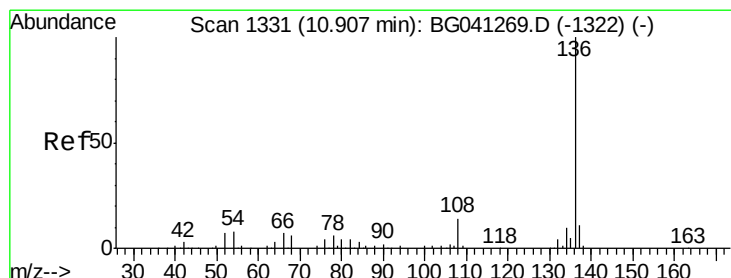
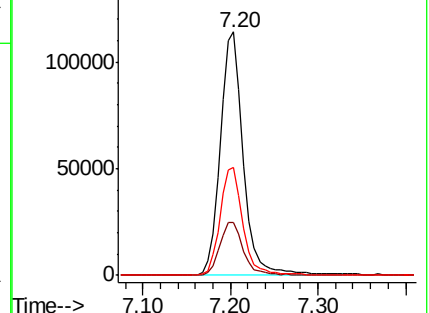
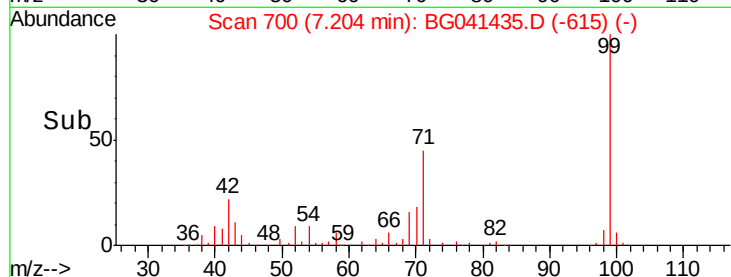
99 100

42 21.6 19.9 29.9

71 44.6 36.4 54.6



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. -0.04 min

Lab File: BG041435.D

Acq: 24 Jun 2019 23:46

Tgt Ion: 136 Resp: 126463

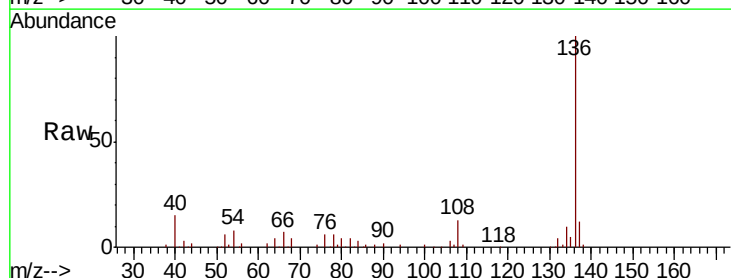
Ion Ratio Lower Upper

136 100

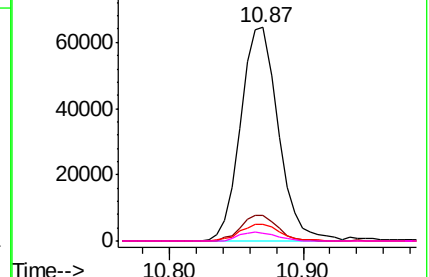
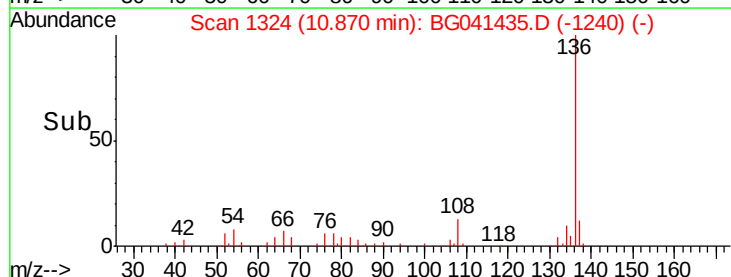
137 12.2 8.8 13.2

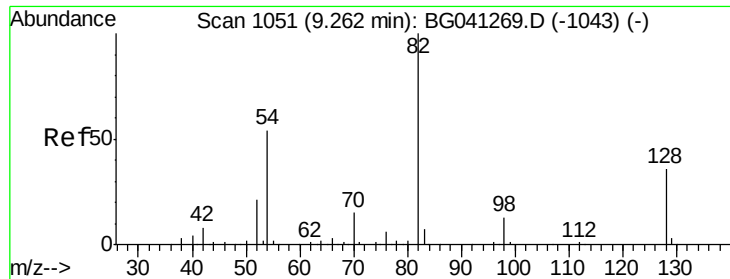
54 7.5 6.4 9.6

68 3.6 4.8 7.2#



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

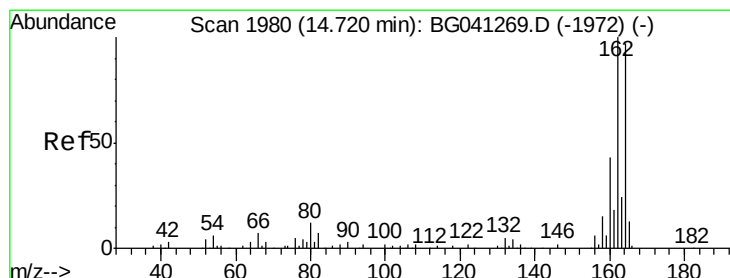
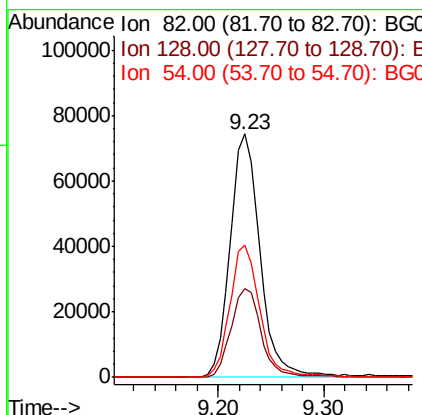
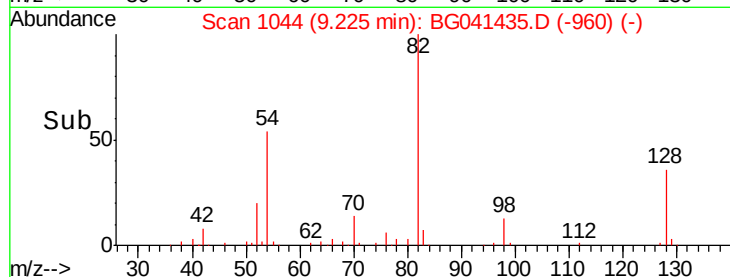
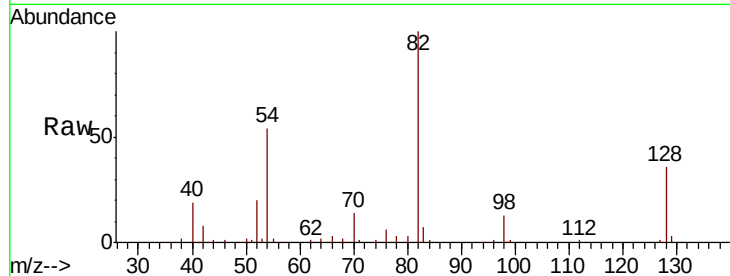




#23
Nitrobenzene-d5
Concen: 48.316 ng
RT: 9.23 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BG041435.D
Acq: 24 Jun 2019 23:46

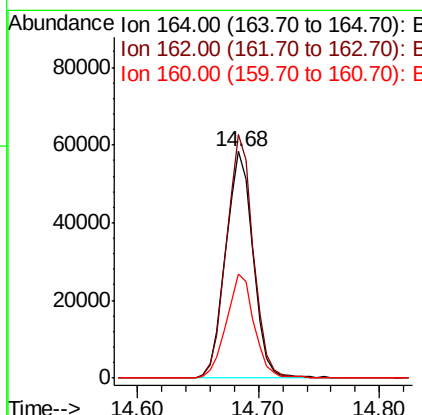
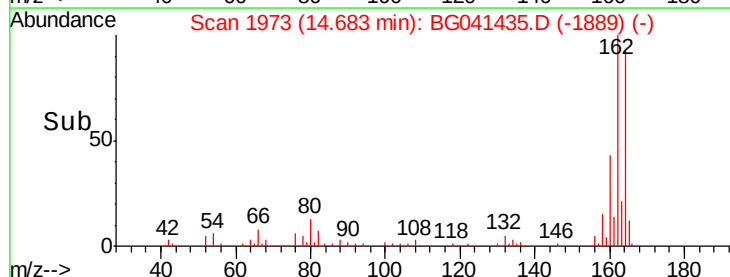
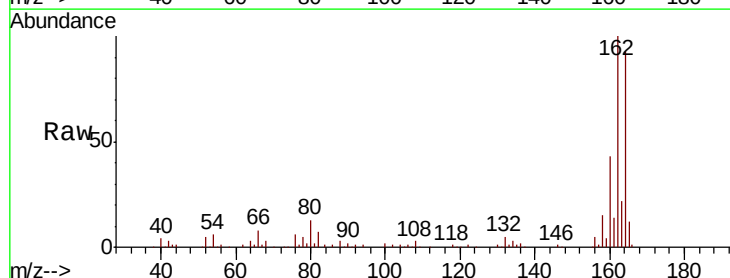
Instrument :
BNA_G
ClientSampled :
B-1(9-10)

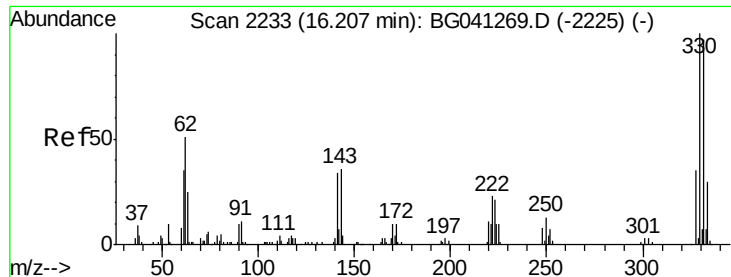
Tot Ion	82	Resp	145287
Ion Ratio	100	Lower	Upper
128	36.5	29.2	43.8
54	54.4	43.4	65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.04 min
Lab File: BG041435.D
Acq: 24 Jun 2019 23:46

Tgt Ion	164	Resp	91731
Ion Ratio	100	Lower	Upper
162	107.4	82.8	124.2
160	46.1	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 75.371 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.03 min

Lab File: BG041435.D

Acq: 24 Jun 2019 23:46

Instrument :

BNA_G

ClientSampleId :

B-1(9-10)

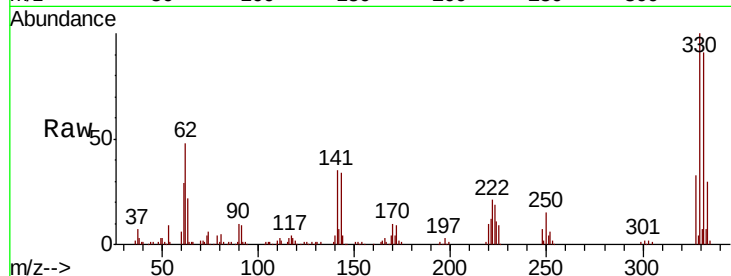
Tot Ion:330 Resp: 106143

Ion Ratio Lower Upper

330 100

332 96.6 75.5 113.3

141 35.9 29.0 43.4

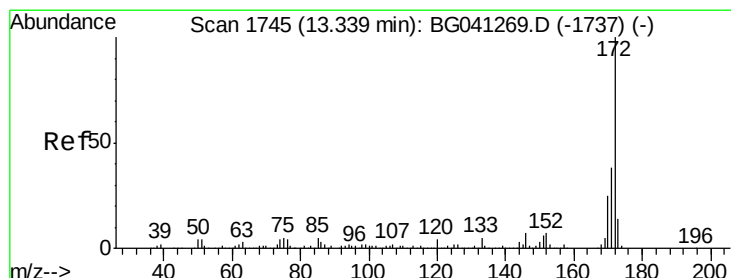
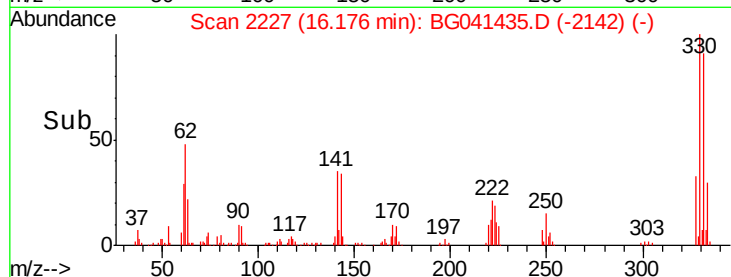
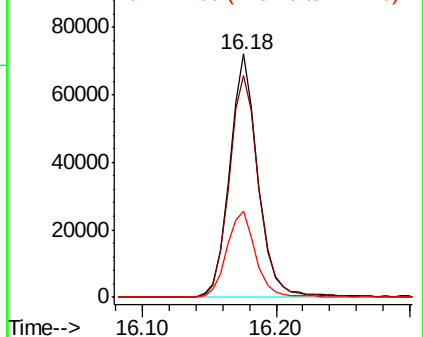


Abundance

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: 54.382 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.04 min

Lab File: BG041435.D

Acq: 24 Jun 2019 23:46

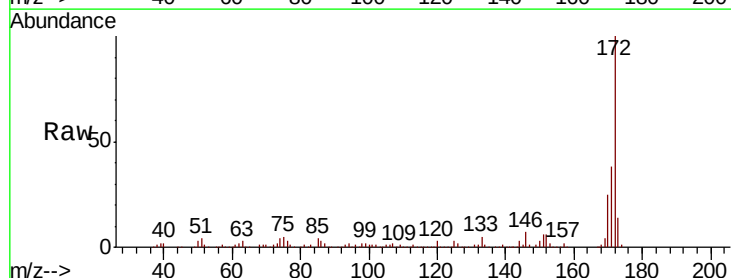
Tgt Ion:172 Resp: 367028

Ion Ratio Lower Upper

172 100

171 37.9 30.0 45.0

170 24.7 19.8 29.6

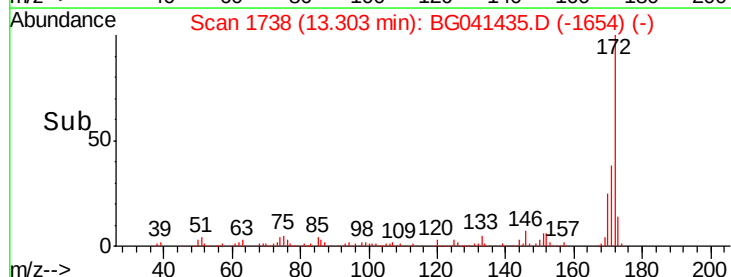
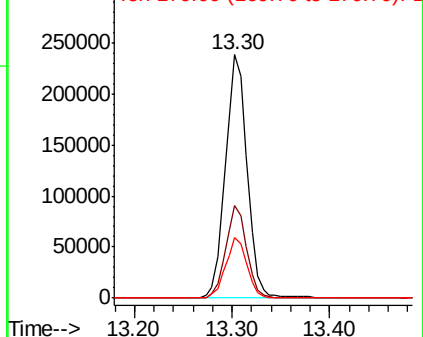


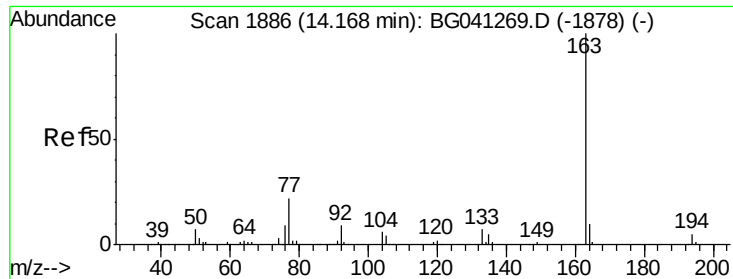
Abundance

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: 8.118 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.04 min

Lab File: BG041435.D

Acq: 24 Jun 2019 23:46

Instrument :

BNA_G

ClientSampled :

B-1(9-10)

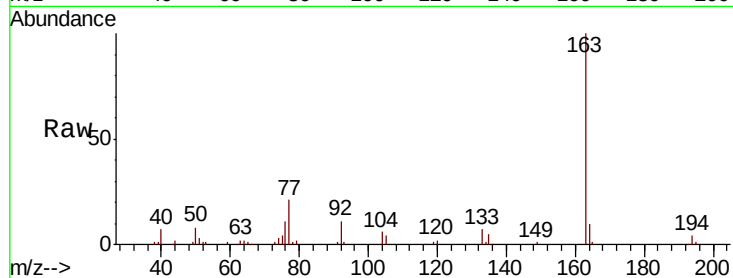
Tot Ion:163 Resp: 66258

Ion Ratio Lower Upper

163 100

194 4.4 3.9 5.9

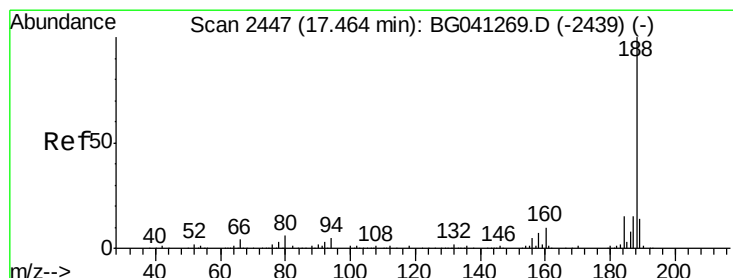
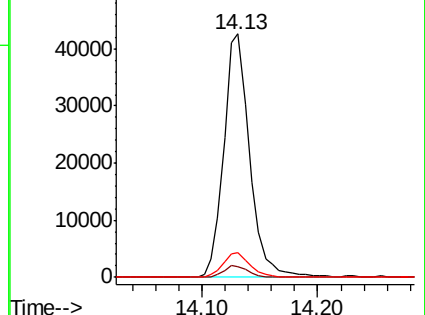
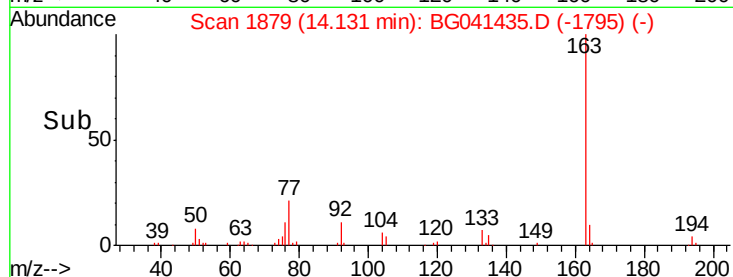
164 10.3 8.3 12.5



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: 17.43 min Scan# 2441

Delta R.T. -0.03 min

Lab File: BG041435.D

Acq: 24 Jun 2019 23:46

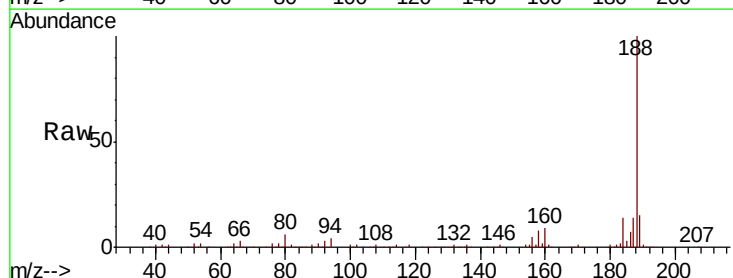
Tgt Ion:188 Resp: 226216

Ion Ratio Lower Upper

188 100

94 4.5 3.6 5.4

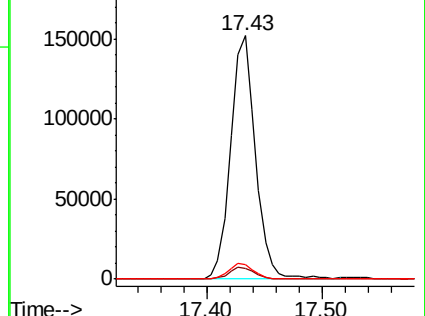
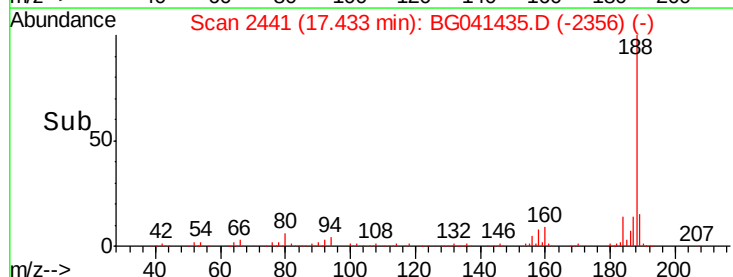
80 6.1 4.8 7.2

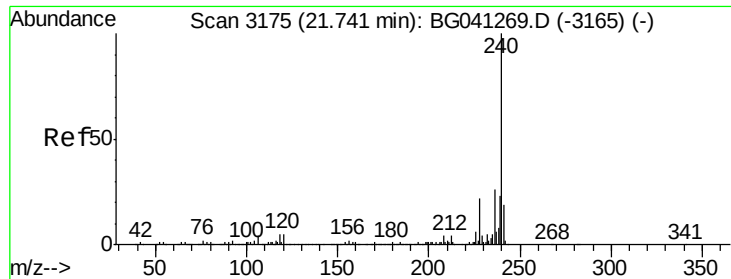


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

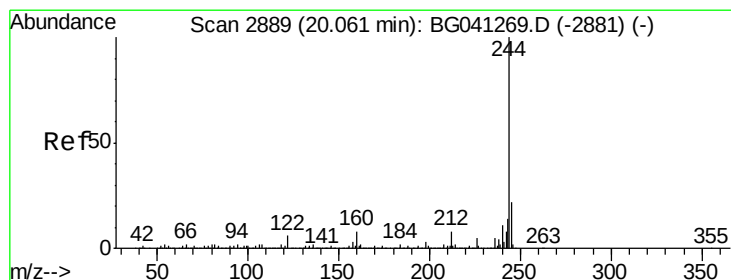
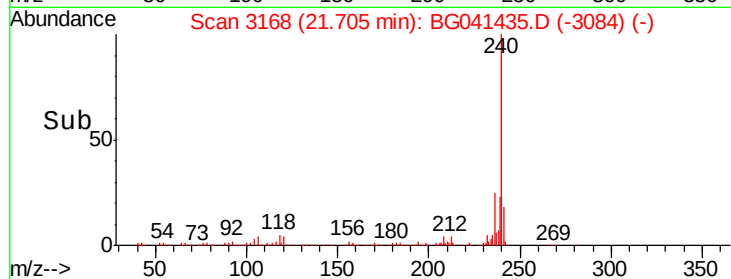
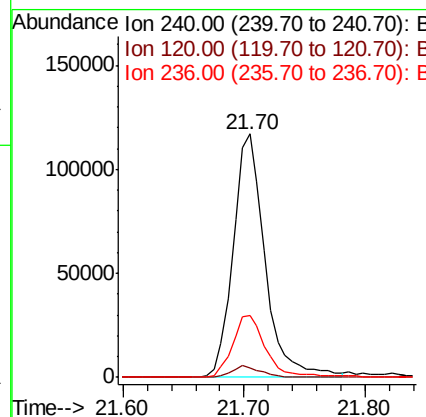
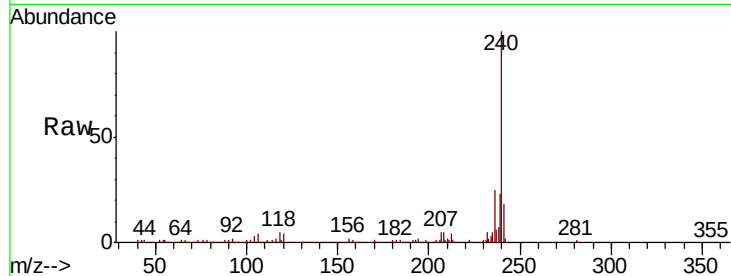




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041435.D
Acq: 24 Jun 2019 23:46

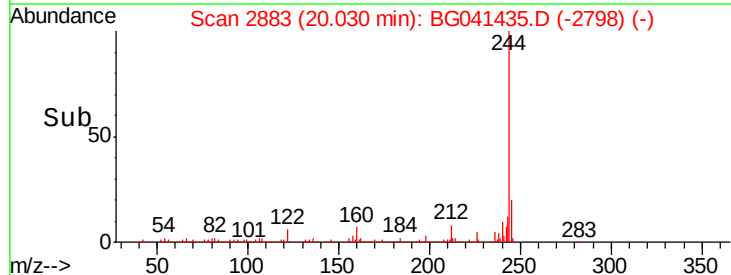
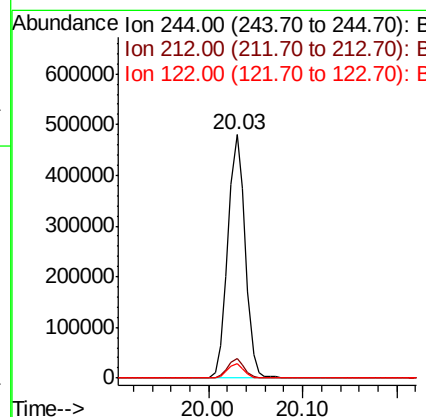
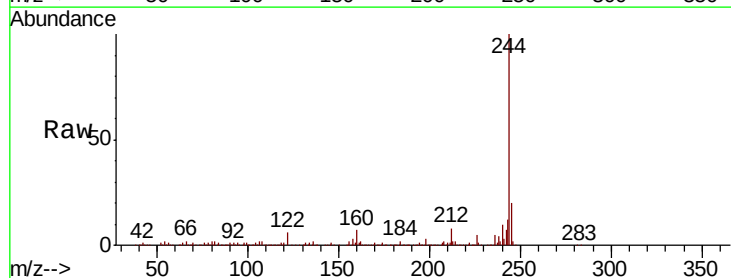
Instrument :
BNA_G
ClientSampleId :
B-1(9-10)

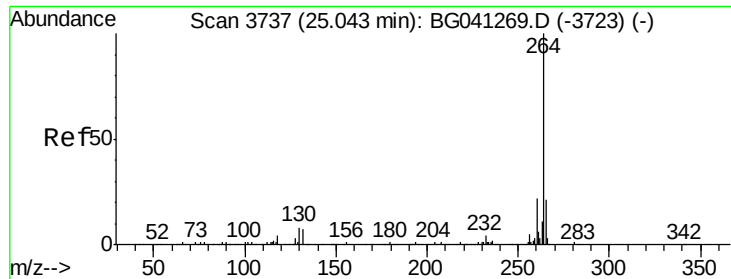
Tot Ion:240 Resp: 214816
Ion Ratio Lower Upper
240 100
120 4.1 3.7 5.5
236 25.5 21.1 31.7



#79
Terphenyl-d14
Concen: 57.294 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.03 min
Lab File: BG041435.D
Acq: 24 Jun 2019 23:46

Tgt Ion:244 Resp: 621036
Ion Ratio Lower Upper
244 100
212 7.8 6.6 10.0
122 5.8 5.0 7.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.99 min Scan# 3727
 Delta R.T. -0.05 min
 Lab File: BG041435.D
 Acq: 24 Jun 2019 23:46

Instrument :
 BNA_G
 ClientSampleId :
 B-1(9-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.2
265	19.8	17.2	25.8

