

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041378.D
 Acq On : 21 Jun 2019 14:41
 Operator : HP/JU
 Sample : K3382-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GRAVEL-2

Quant Time: Jun 21 16:15:43 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

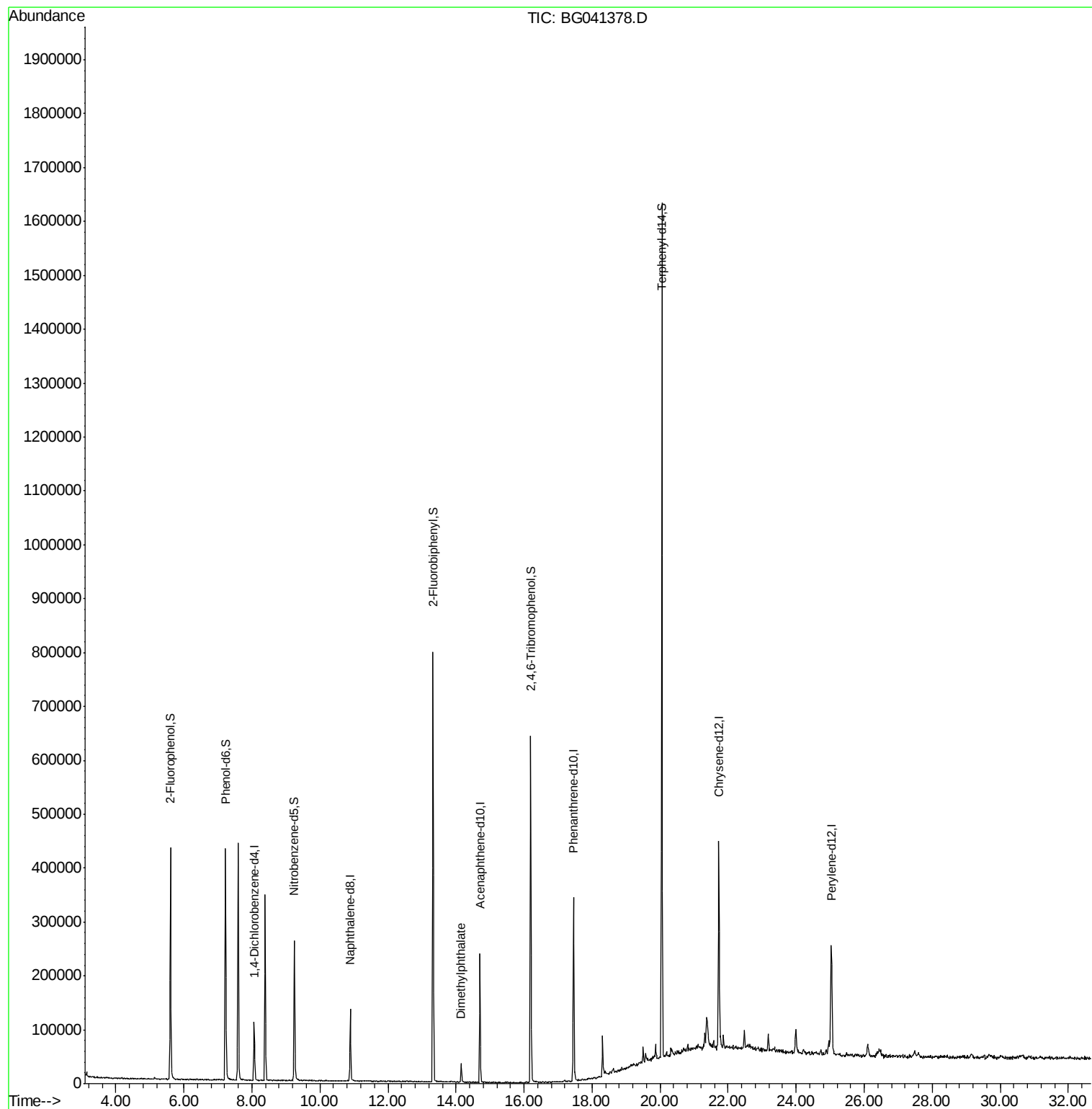
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	29403	20.00	ng	-0.01
21) Naphthalene-d8	10.89	136	112775	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	84540	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	226890	20.00	ng	0.00
76) Chrysene-d12	21.73	240	223474	20.00	ng	-0.01
87) Perylene-d12	25.04	264	236456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	165542	103.45	ng	-0.01
7) Phenol-d6	7.23	99	236212	101.83	ng	0.00
23) Nitrobenzene-d5	9.25	82	166141	61.96	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	133388	102.77	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	408531	65.68	ng	-0.01
79) Terphenyl-d14	20.05	244	777669	68.96	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.15	163	27696	3.682	ng	Qvalue 98

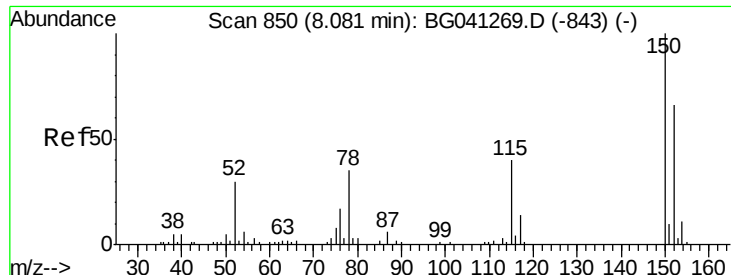
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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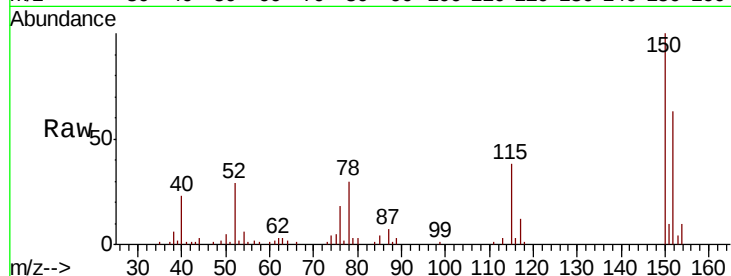


#1

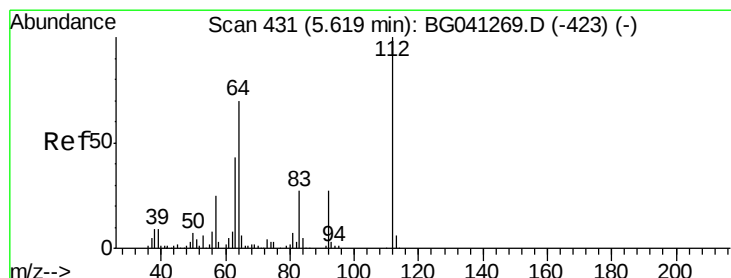
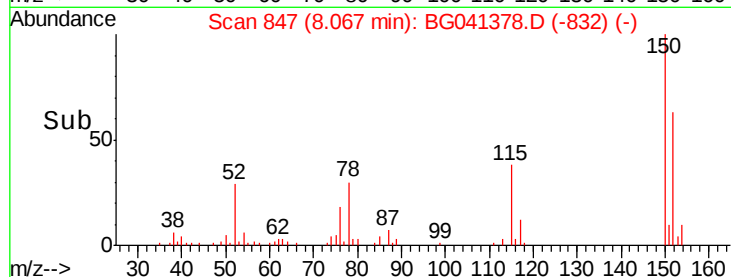
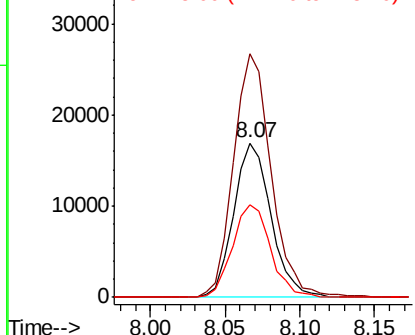
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG041378.D
Acq: 21 Jun 2019 14:41

Instrument :
BNA_G
ClientSampleId :
GRAVEL-2

Tot Ion:152 Resp: 29403
Ion Ratio Lower Upper
152 100
150 157.8 120.6 181.0
115 60.4 47.9 71.9



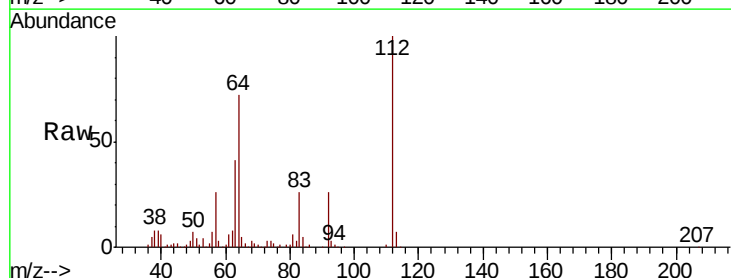
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



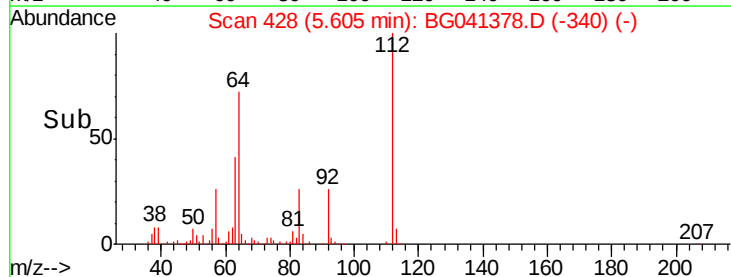
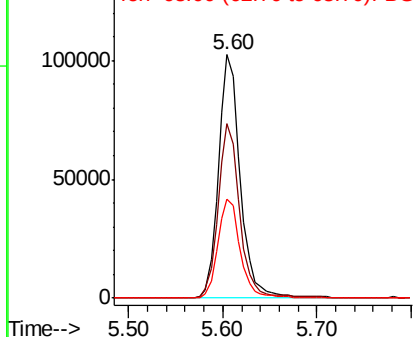
#5

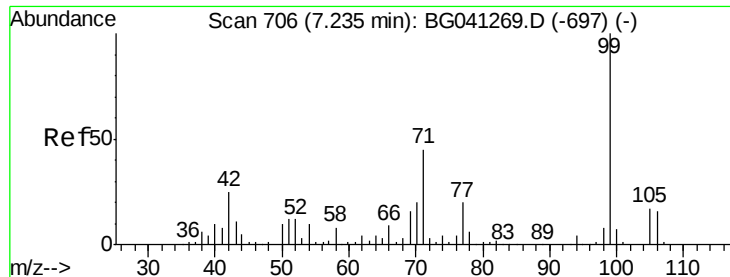
2-Fluorophenol
Concen: 103.448 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG041378.D
Acq: 21 Jun 2019 14:41

Tgt Ion:112 Resp: 165542
Ion Ratio Lower Upper
112 100
64 71.9 55.9 83.9
63 40.9 34.6 51.8



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: 101.835 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041378.D

Acq: 21 Jun 2019 14:41

Instrument :

BNA_G

ClientSampleId :

GRAVEL-2

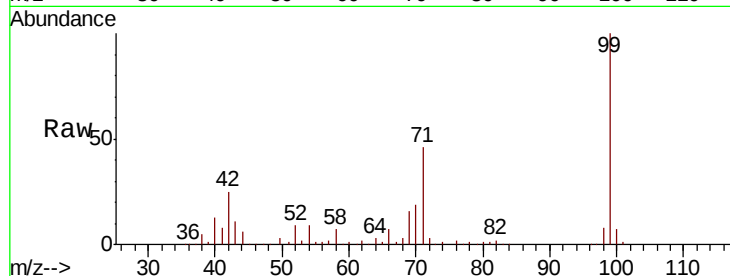
Tot Ion: 99 Resp: 236212

Ion Ratio Lower Upper

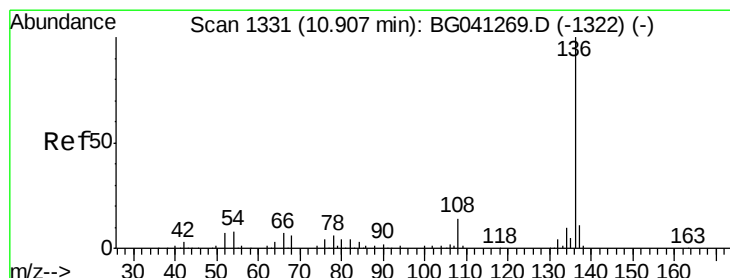
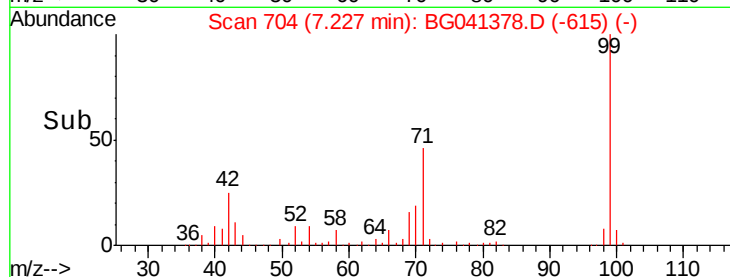
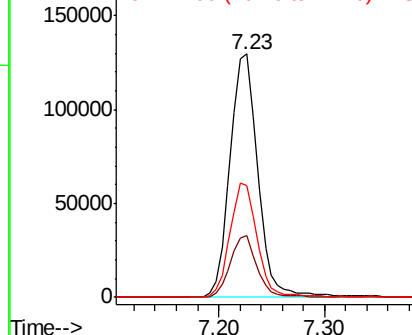
99 100

42 25.4 19.9 29.9

71 46.0 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: 10.89 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BG041378.D

Acq: 21 Jun 2019 14:41

Tgt Ion: 136 Resp: 112775

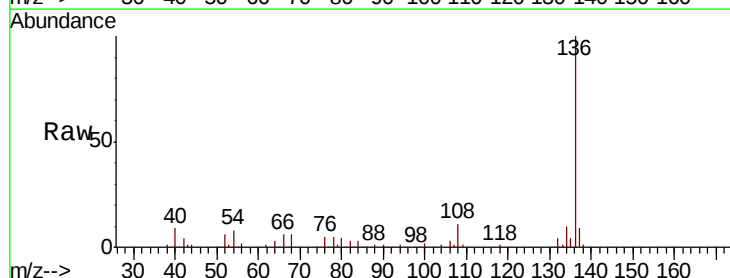
Ion Ratio Lower Upper

136 100

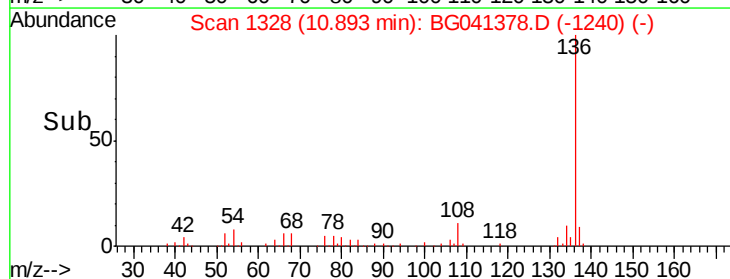
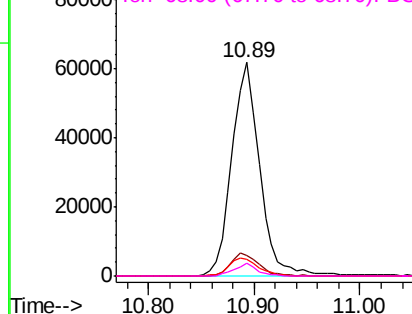
137 9.4 8.8 13.2

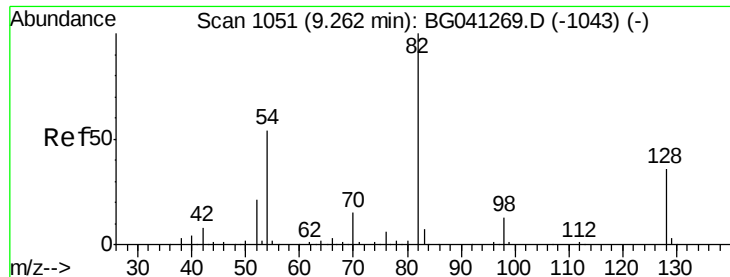
54 8.0 6.4 9.6

68 6.0 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

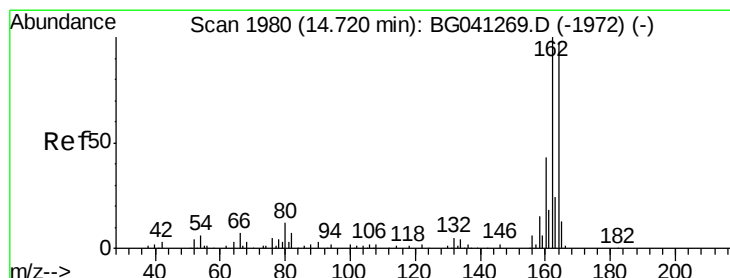
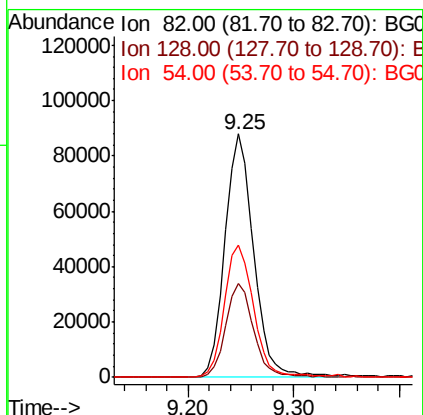
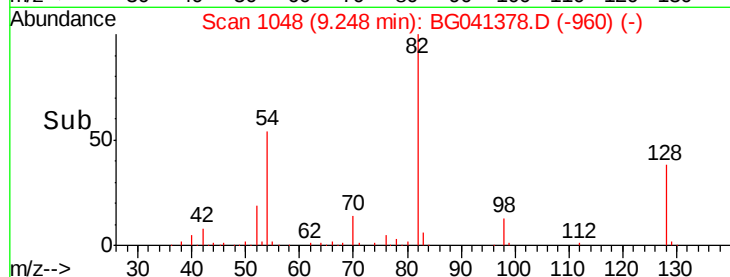
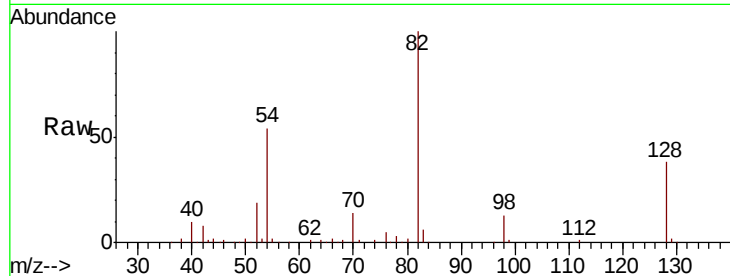




#23
Nitrobenzene-d5
Concen: 61.958 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG041378.D
Acq: 21 Jun 2019 14:41

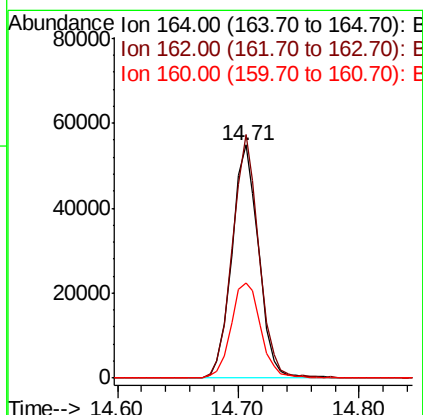
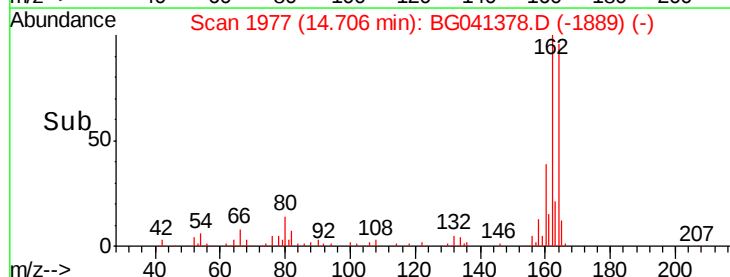
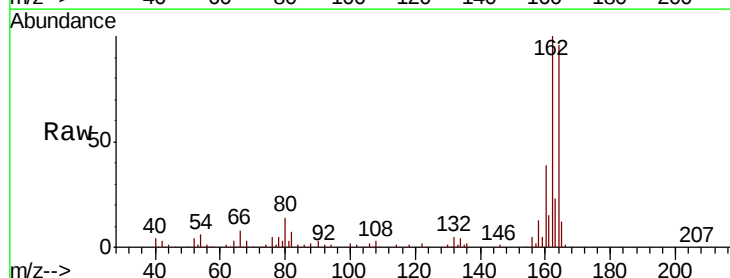
Instrument :
BNA_G
ClientSampleId :
GRAVEL-2

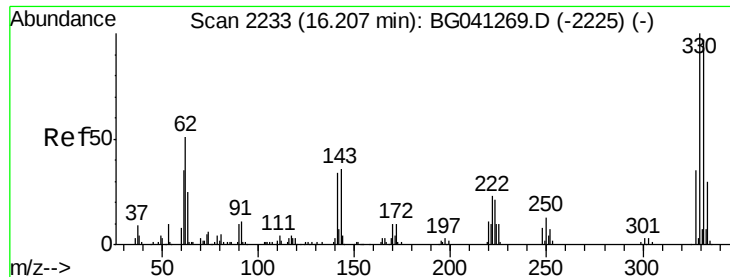
Tot Ion: 82 Resp: 166141
Ion Ratio Lower Upper
82 100
128 38.3 29.2 43.8
54 54.4 43.4 65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG041378.D
Acq: 21 Jun 2019 14:41

Tgt Ion:164 Resp: 84540
Ion Ratio Lower Upper
164 100
162 104.5 82.8 124.2
160 41.0 35.8 53.8

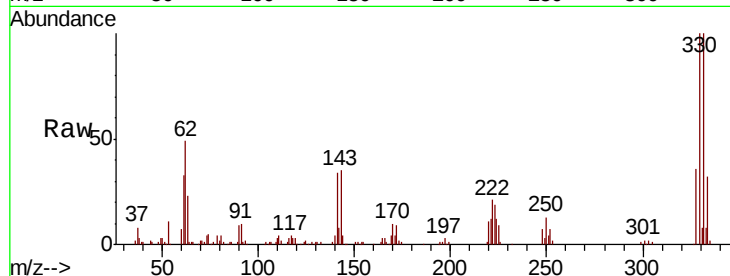




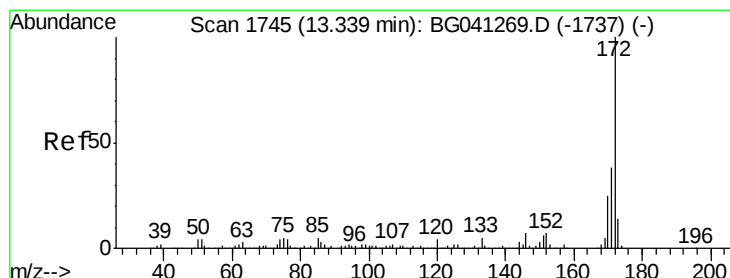
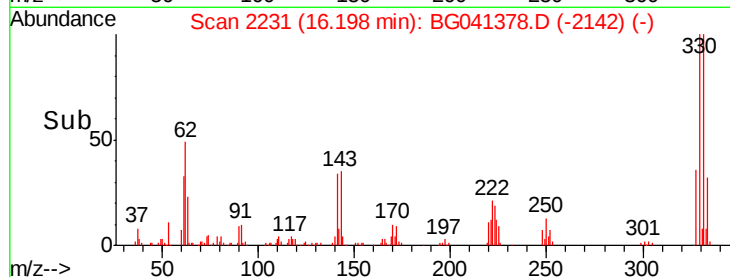
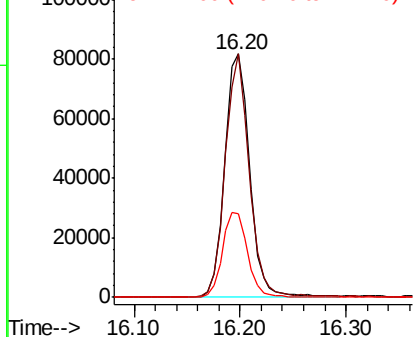
#42
 2,4,6-Tribromophenol
 Concen: 102.774 ng
 RT: 16.20 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BG041378.D
 Acq: 21 Jun 2019 14:41

Instrument :
 BNA_G
 ClientSampleId :
 GRAVEL-2

Tot Ion:330 Resp: 133388
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.5 113.3
 141 35.1 29.0 43.4

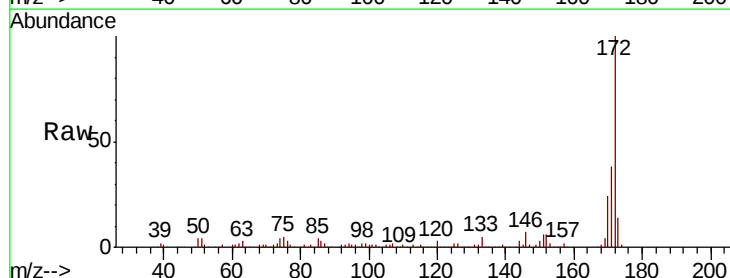


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

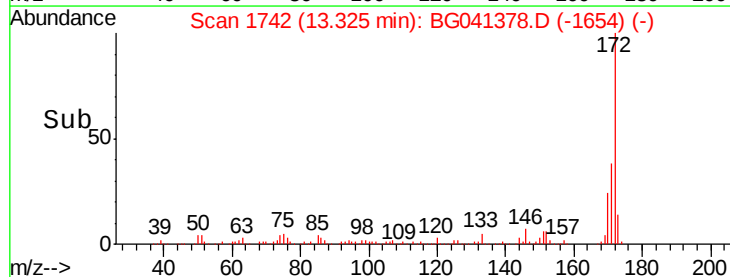
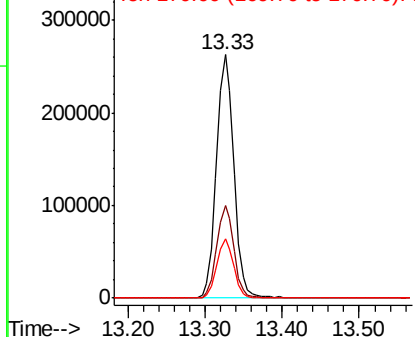


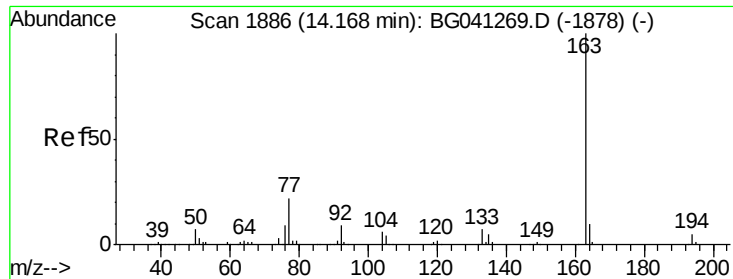
#45
 2-Fluorobiphenyl
 Concen: 65.680 ng
 RT: 13.33 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041378.D
 Acq: 21 Jun 2019 14:41

Tgt Ion:172 Resp: 408531
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 24.3 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: 3.682 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG041378.D

Acq: 21 Jun 2019 14:41

Instrument :

BNA_G

ClientSampleId :

GRAVEL-2

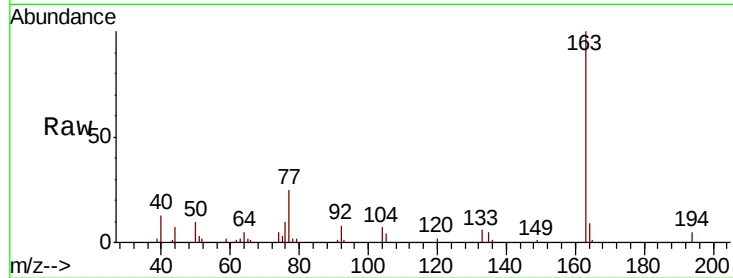
Tot Ion:163 Resp: 27696

Ion Ratio Lower Upper

163 100

194 4.5 3.9 5.9

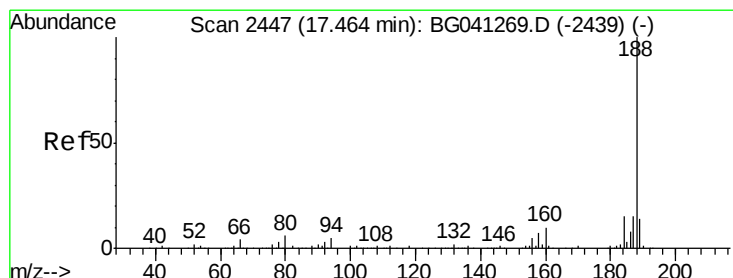
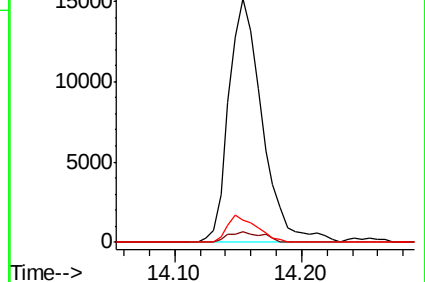
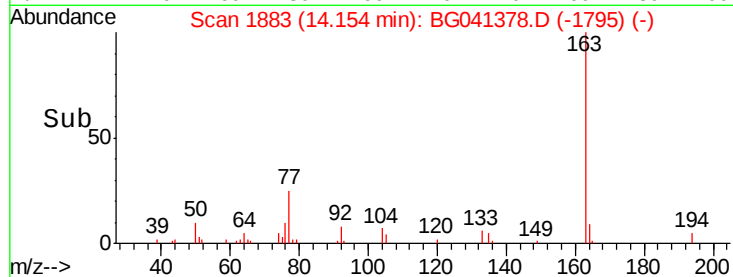
164 9.4 8.3 12.5



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: 17.46 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG041378.D

Acq: 21 Jun 2019 14:41

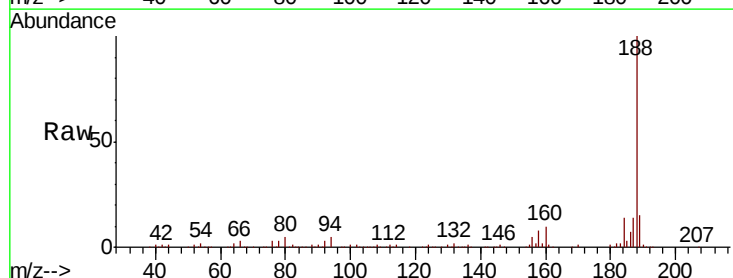
Tgt Ion:188 Resp: 226890

Ion Ratio Lower Upper

188 100

94 5.0 3.6 5.4

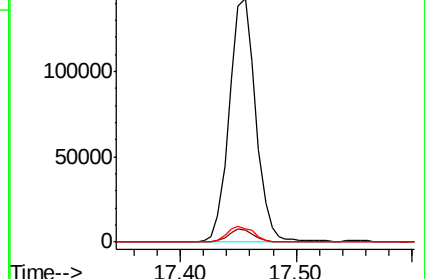
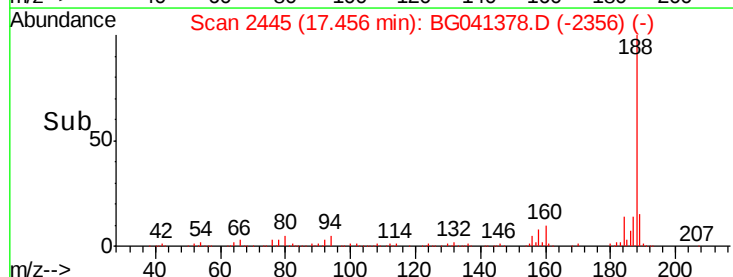
80 5.3 4.8 7.2

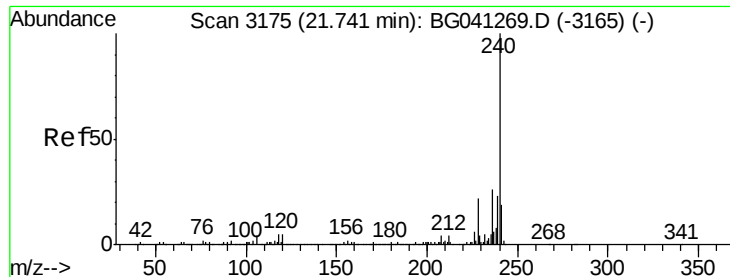


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

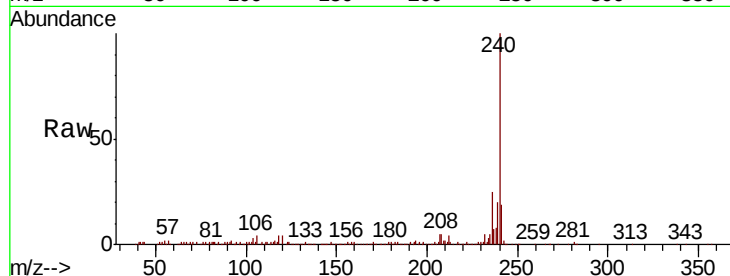




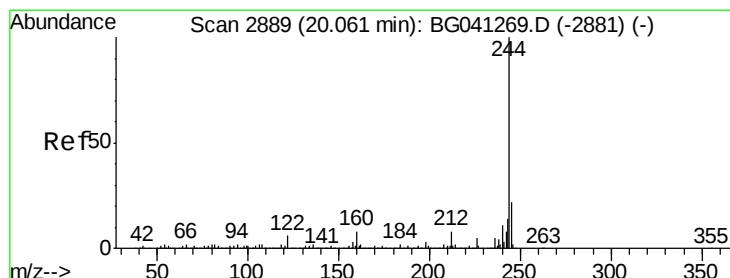
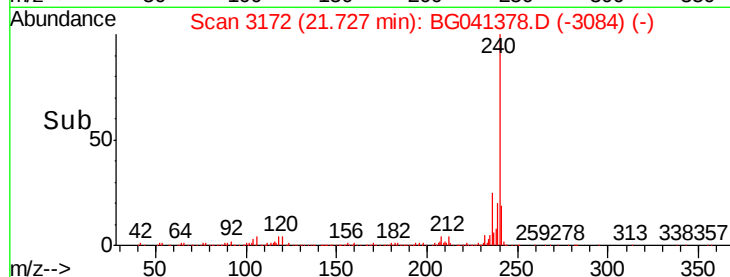
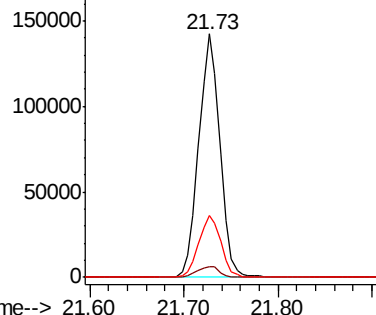
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BG041378.D
Acq: 21 Jun 2019 14:41

Instrument :
BNA_G
ClientSampleId :
GRAVEL-2

Tot Ion:240 Resp: 223474
Ion Ratio Lower Upper
240 100
120 4.5 3.7 5.5
236 25.4 21.1 31.7

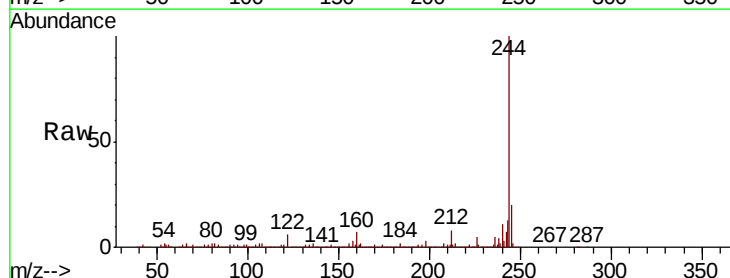


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

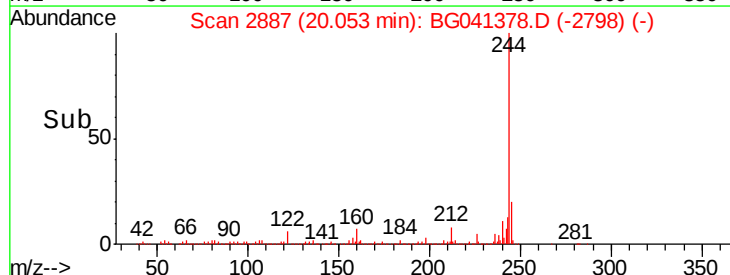
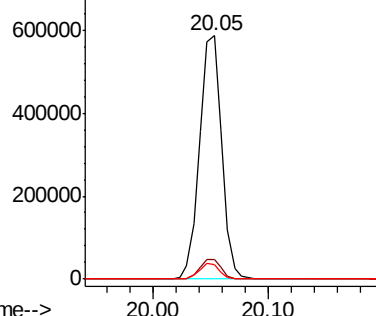


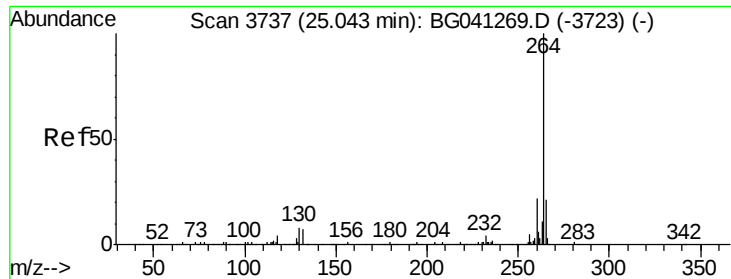
#79
Terphenyl-d14
Concen: 68.965 ng
RT: 20.05 min Scan# 2887
Delta R.T. -0.01 min
Lab File: BG041378.D
Acq: 21 Jun 2019 14:41

Tgt Ion:244 Resp: 777669
Ion Ratio Lower Upper
244 100
212 8.2 6.6 10.0
122 5.9 5.0 7.4



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
Pervlene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG041378.D
Acq: 21 Jun 2019 14:41

Instrument :
BNA_G
ClientSampleId :
GRAVEL-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.2
265	22.1	17.2	25.8

