

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041606.D
 Acq On : 4 Jul 2019 1:30
 Operator : HP/JU
 Sample : K3649-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-1-ROLL-OFF-SOCK-PILE

Quant Time: Jul 04 04:18:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	34324	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	123493	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	84939	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	214462	20.00	ng	0.00
76) Chrysene-d12	21.70	240	238511	20.00	ng	0.00
87) Perylene-d12	24.98	264	266962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	37986	19.73	ng	0.00
7) Phenol-d6	7.19	99	52192	19.26	ng	0.00
23) Nitrobenzene-d5	9.21	82	38315	12.94	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	28792	19.85	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	87739	13.26	ng	0.00
79) Terphenyl-d14	20.02	244	156552	13.95	ng	0.00

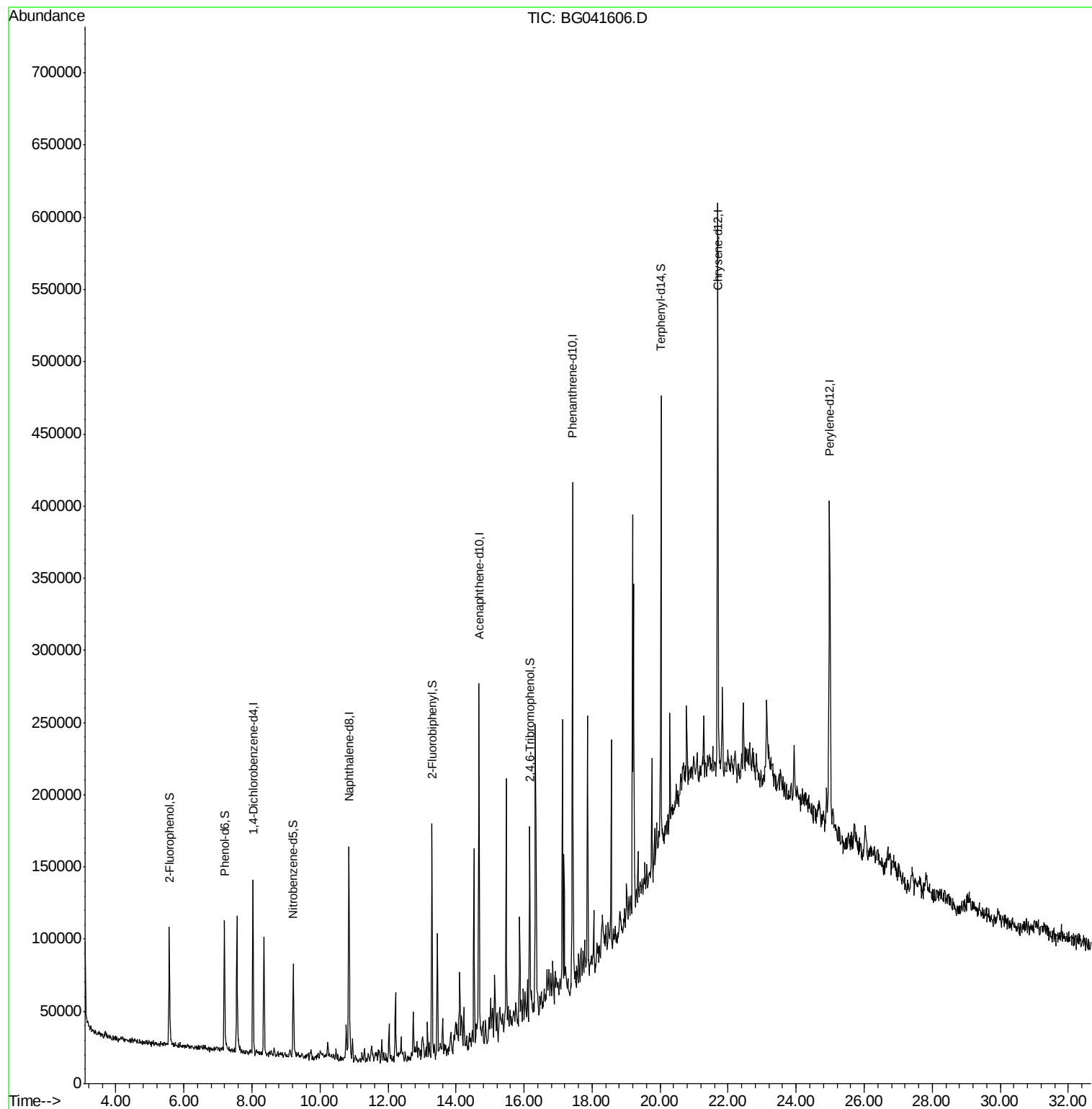
Target Compounds Qvalue

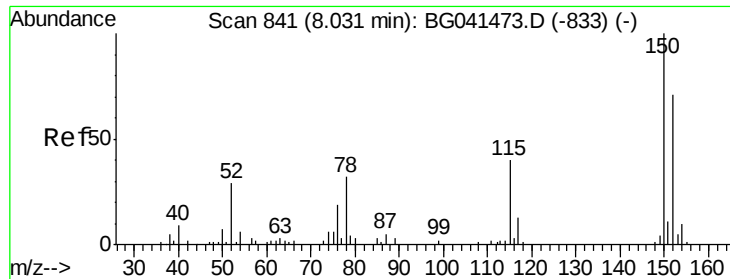
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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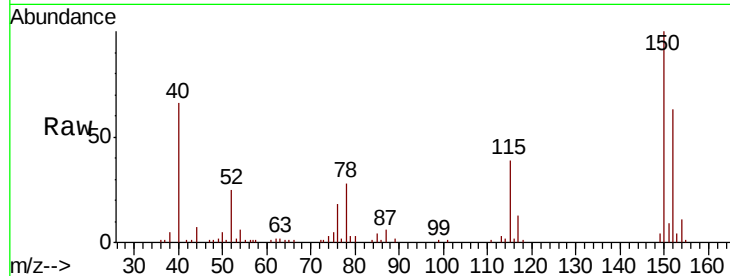


#1

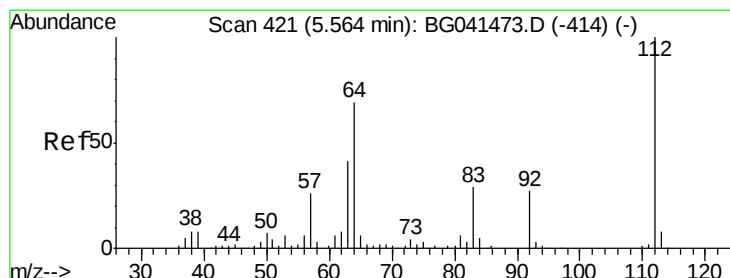
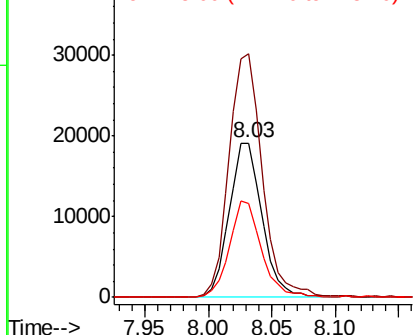
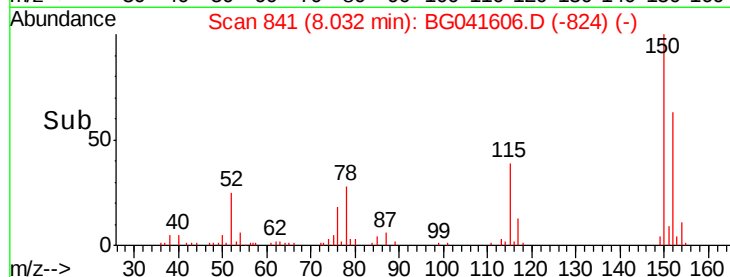
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG041606.D
Acq: 4 Jul 2019 1:30

Instrument :
BNA_G
ClientSampleId :
D-1-ROLL-OFF-SOCK-PILE

Tot Ion:152 Resp: 34324
Ion Ratio Lower Upper
152 100
150 157.5 112.4 168.6
115 61.1 44.6 66.8



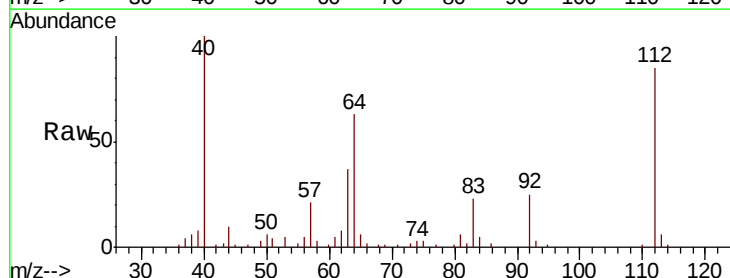
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



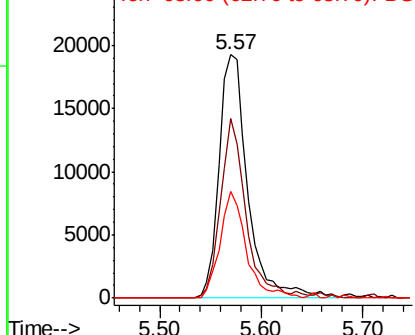
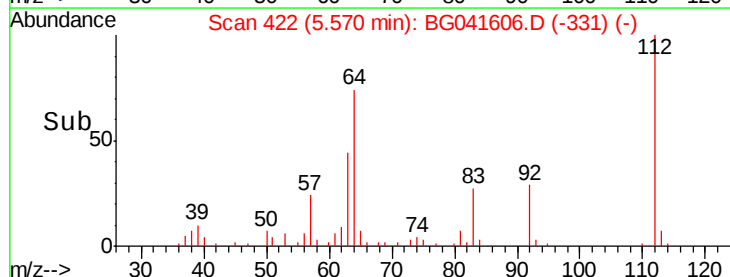
#5

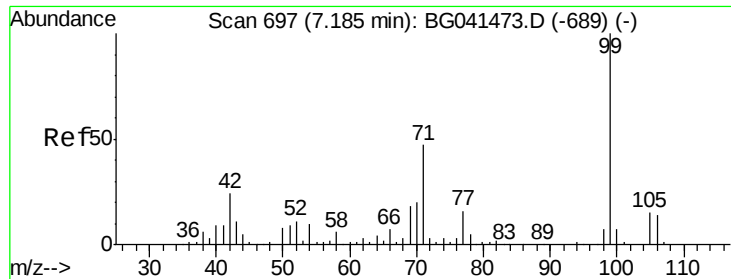
2-Fluorophenol
Concen: 19.731 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG041606.D
Acq: 4 Jul 2019 1:30

Tgt Ion:112 Resp: 37986
Ion Ratio Lower Upper
112 100
64 73.8 55.1 82.7
63 43.9 32.4 48.6



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: 19.257 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG041606.D

Acq: 4 Jul 2019 1:30

Instrument :

BNA_G

ClientSampleId :

D-1-ROLL-OFF-SOCK-PILE

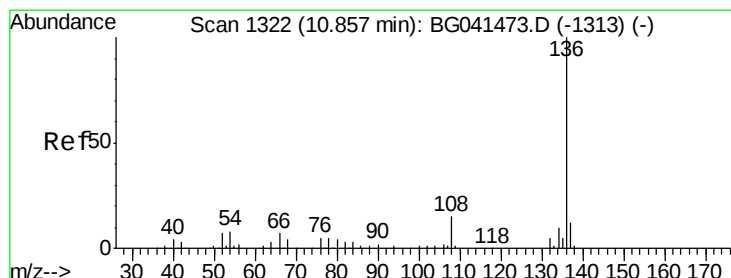
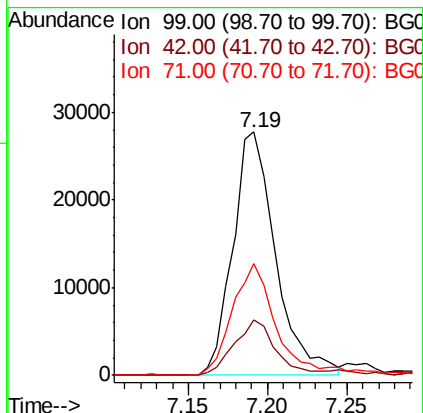
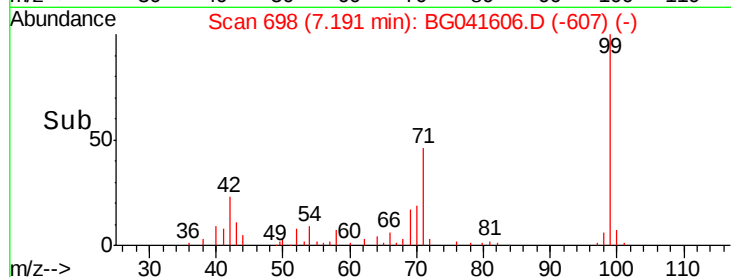
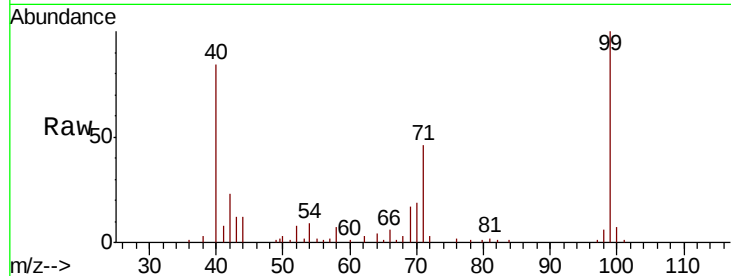
Tot Ion: 99 Resp: 52192

Ion Ratio Lower Upper

99 100

42 22.9 19.0 28.6

71 46.1 37.4 56.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041606.D

Acq: 4 Jul 2019 1:30

Tgt Ion: 136 Resp: 123493

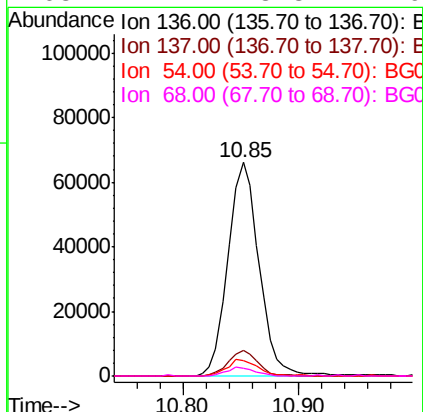
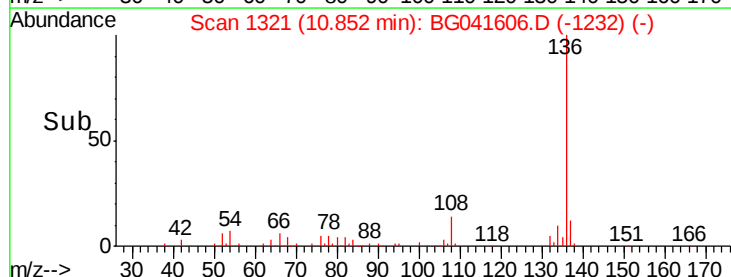
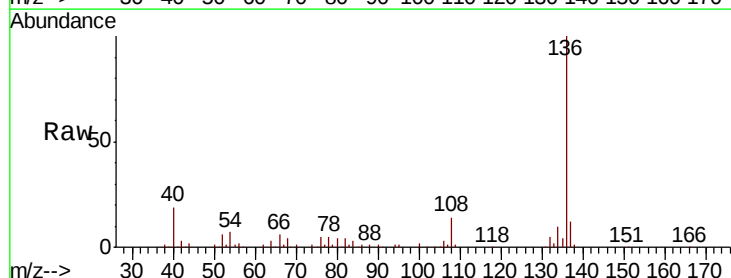
Ion Ratio Lower Upper

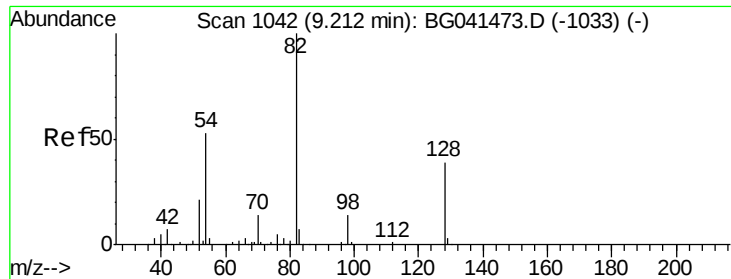
136 100

137 11.7 9.3 13.9

54 7.3 7.1 10.7

68 4.2 3.3 4.9

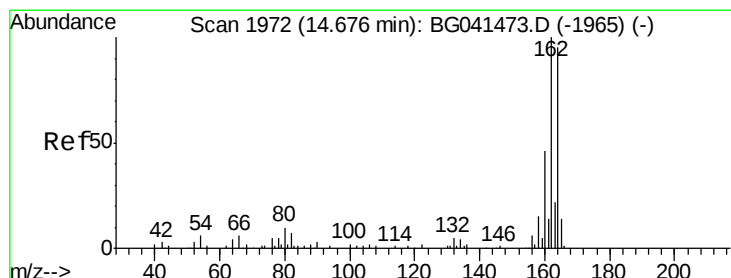
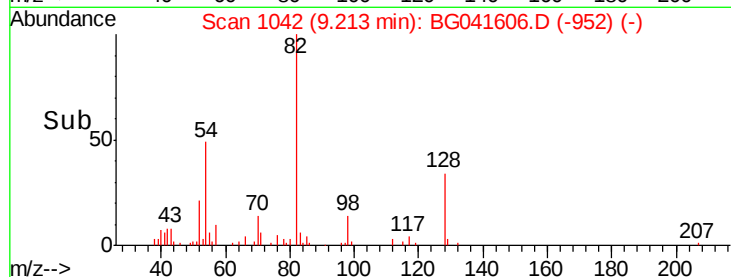
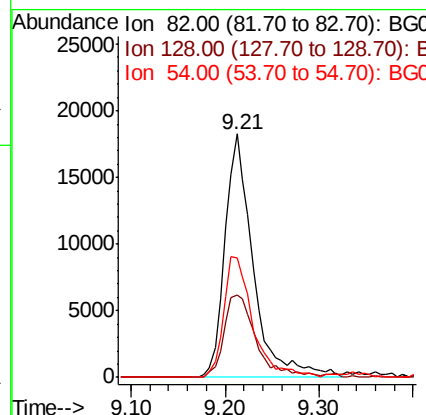
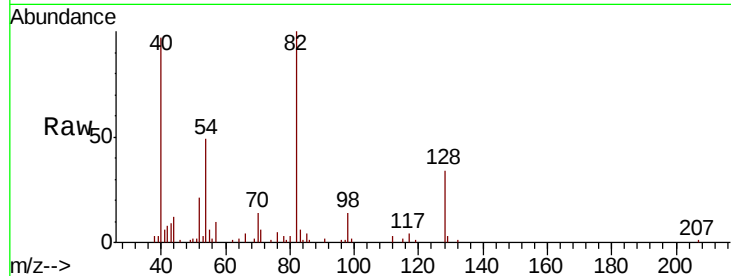




#23
 Nitrobenzene-d5
 Concen: 12.940 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041606.D
 Acq: 4 Jul 2019 1:30

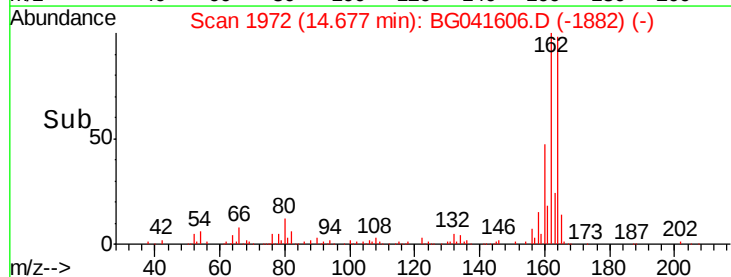
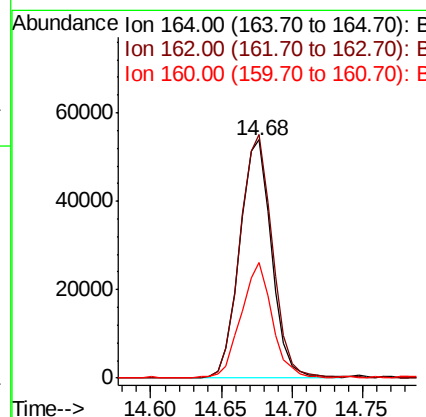
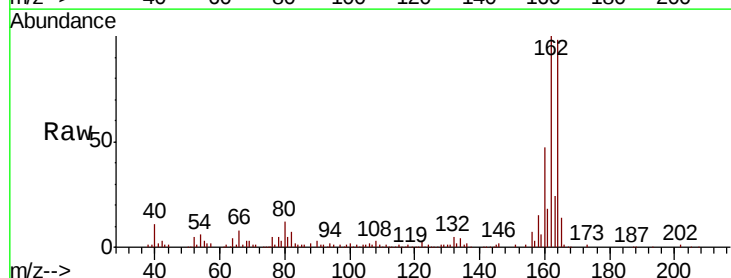
Instrument :
 BNA_G
 ClientSampleId :
 D-1-ROLL-OFF-SOCK-PILE

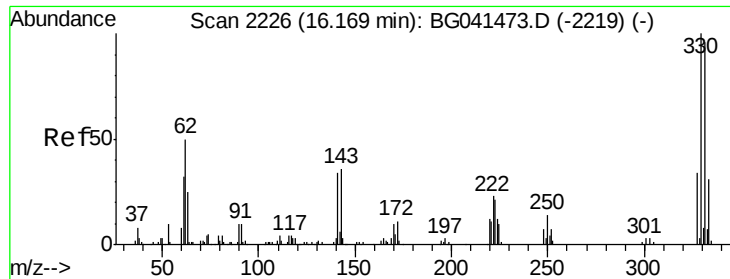
Tot Ion	82	Resp	38315
Ion Ratio	Lower	Upper	
82	100		
128	34.0	30.9	46.3
54	49.1	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG041606.D
 Acq: 4 Jul 2019 1:30

Tgt Ion	164	Resp	84939
Ion Ratio	Lower	Upper	
164	100		
162	102.1	84.4	126.6
160	48.4	38.8	58.2





#42

2,4,6-Tribromophenol

Concen: 19.853 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG041606.D

Acq: 4 Jul 2019 1:30

Instrument :

BNA_G

ClientSampleId :

D-1-ROLL-OFF-SOCK-PILE

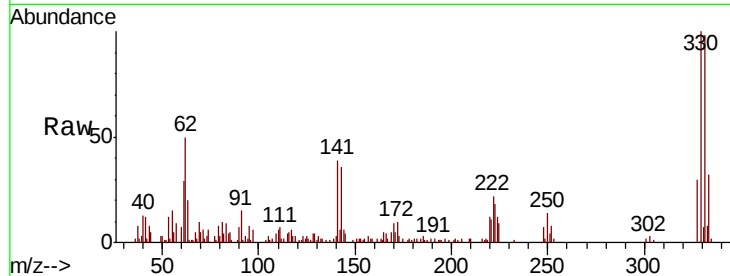
Tot Ion:330 Resp: 28792

Ion Ratio Lower Upper

330 100

332 99.2 75.5 113.3

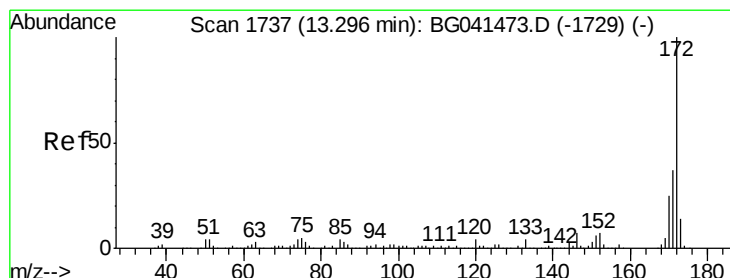
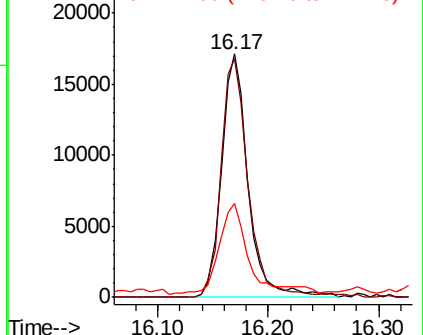
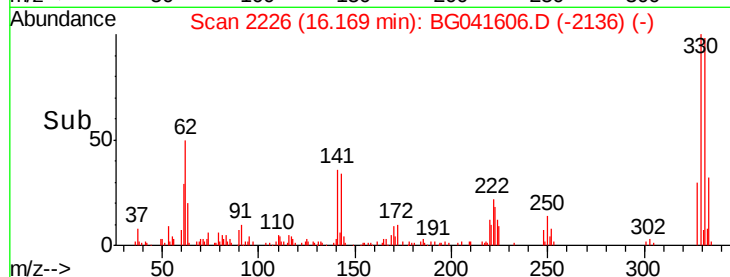
141 40.1 27.8 41.6



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: 13.256 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.01 min

Lab File: BG041606.D

Acq: 4 Jul 2019 1:30

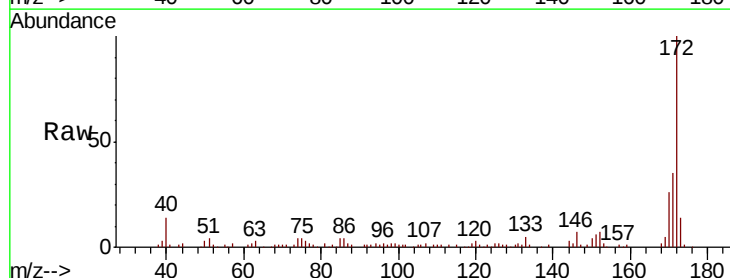
Tgt Ion:172 Resp: 87739

Ion Ratio Lower Upper

172 100

171 35.2 29.6 44.4

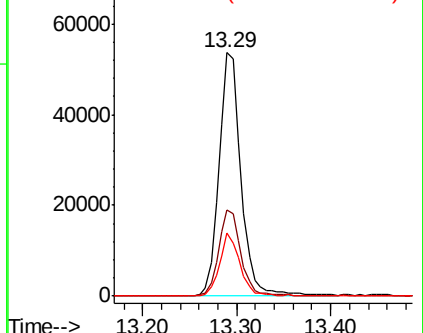
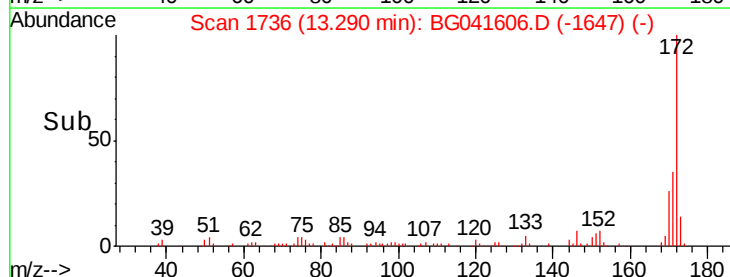
170 25.8 20.0 30.0

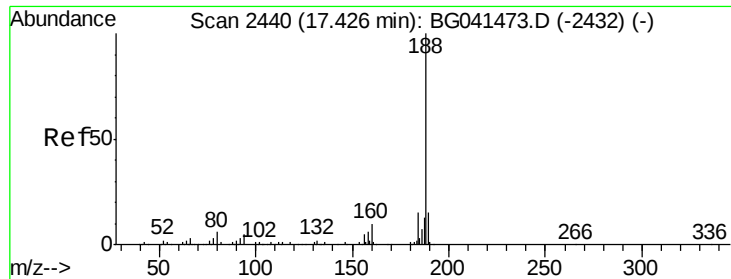


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.43 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG041606.D

Acq: 4 Jul 2019 1:30

Instrument :

BNA_G

ClientSampleId :

D-1-ROLL-OFF-SOCK-PILE

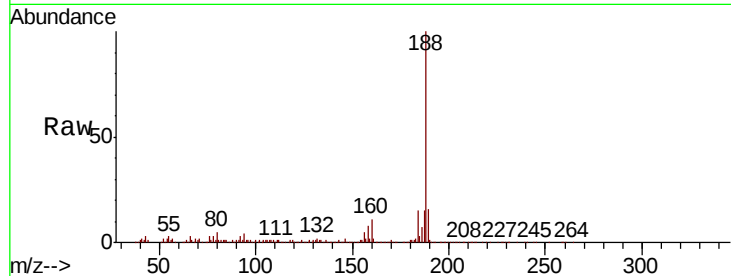
Tot Ion:188 Resp: 214462

Ion Ratio Lower Upper

188 100

94 4.2 3.8 5.8

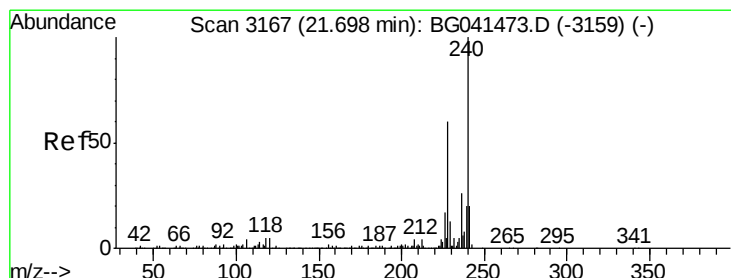
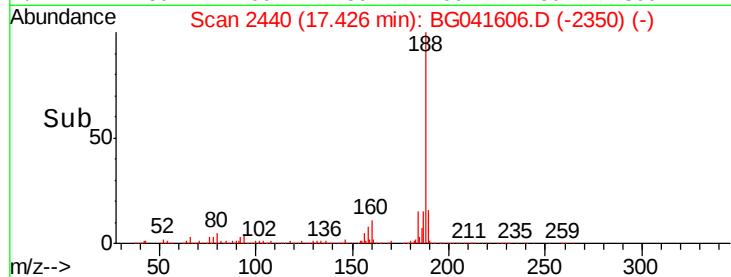
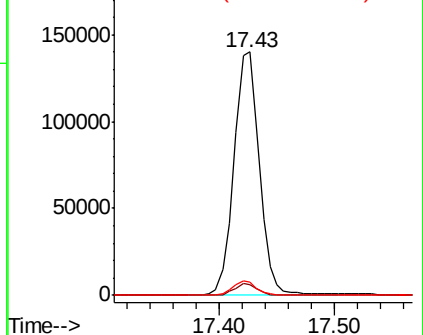
80 5.2 4.8 7.2



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: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG041606.D

Acq: 4 Jul 2019 1:30

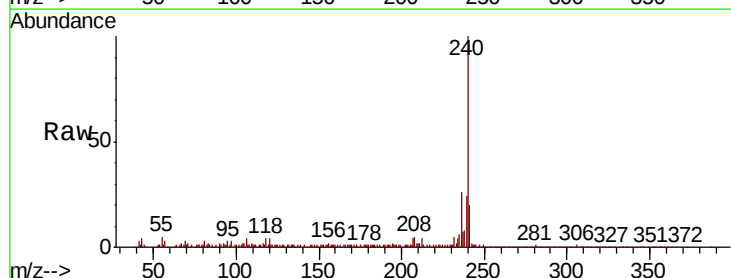
Tgt Ion:240 Resp: 238511

Ion Ratio Lower Upper

240 100

120 4.5 3.7 5.5

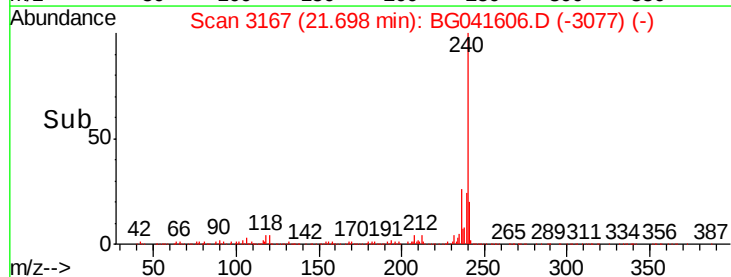
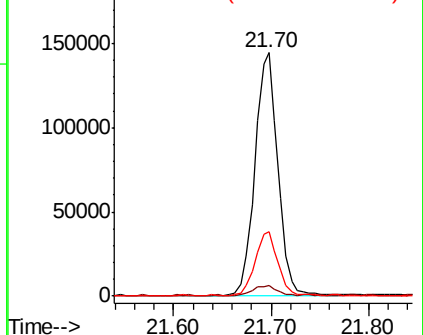
236 26.2 20.8 31.2

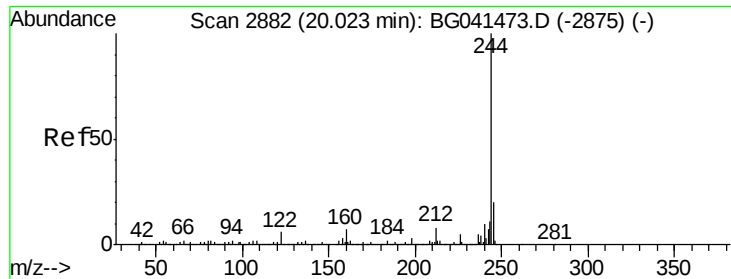


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 13.948 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG041606.D

Acq: 4 Jul 2019 1:30

Instrument :

BNA_G

ClientSampleId :

D-1-ROLL-OFF-SOCK-PILE

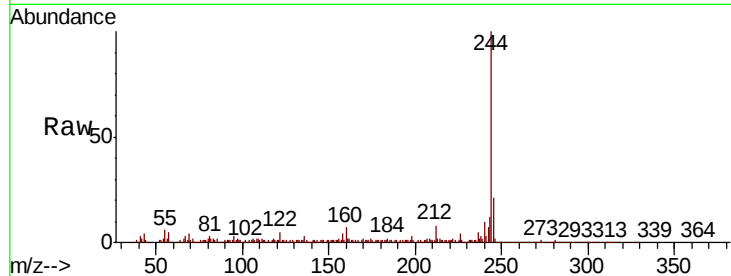
Tot Ion:244 Resp: 156552

Ion Ratio Lower Upper

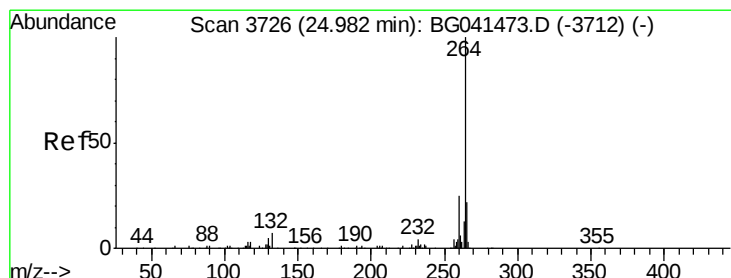
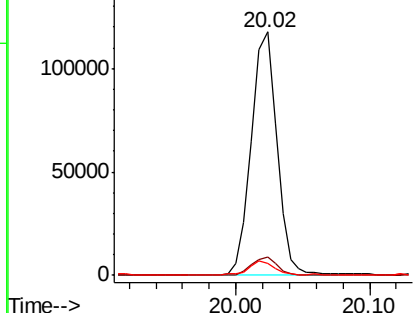
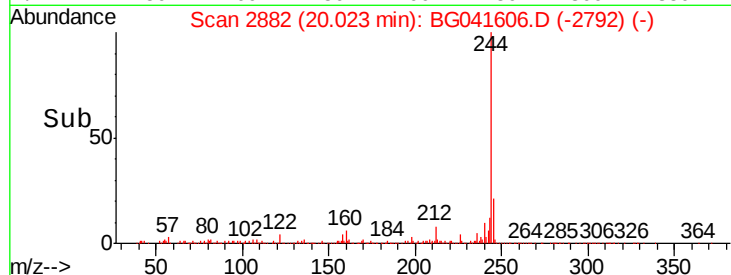
244 100

212 7.8 6.2 9.4

122 4.8 4.8 7.2#



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: 24.98 min Scan# 3726

Delta R.T. 0.00 min

Lab File: BG041606.D

Acq: 4 Jul 2019 1:30

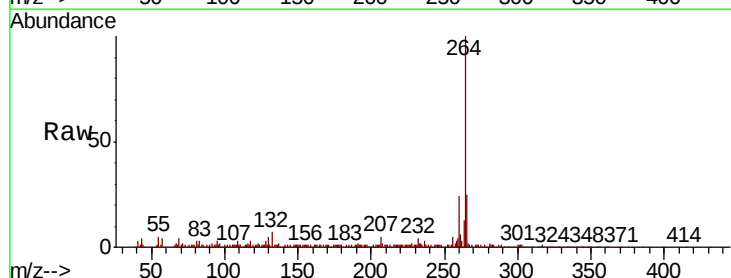
Tgt Ion:264 Resp: 266962

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 24.6 17.4 26.2



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

