

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
 Data File : BG041715.D
 Acq On : 18 Jul 2019 18:26
 Operator : HP/JU
 Sample : K3834-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-6

Quant Time: Jul 19 08:42:29 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

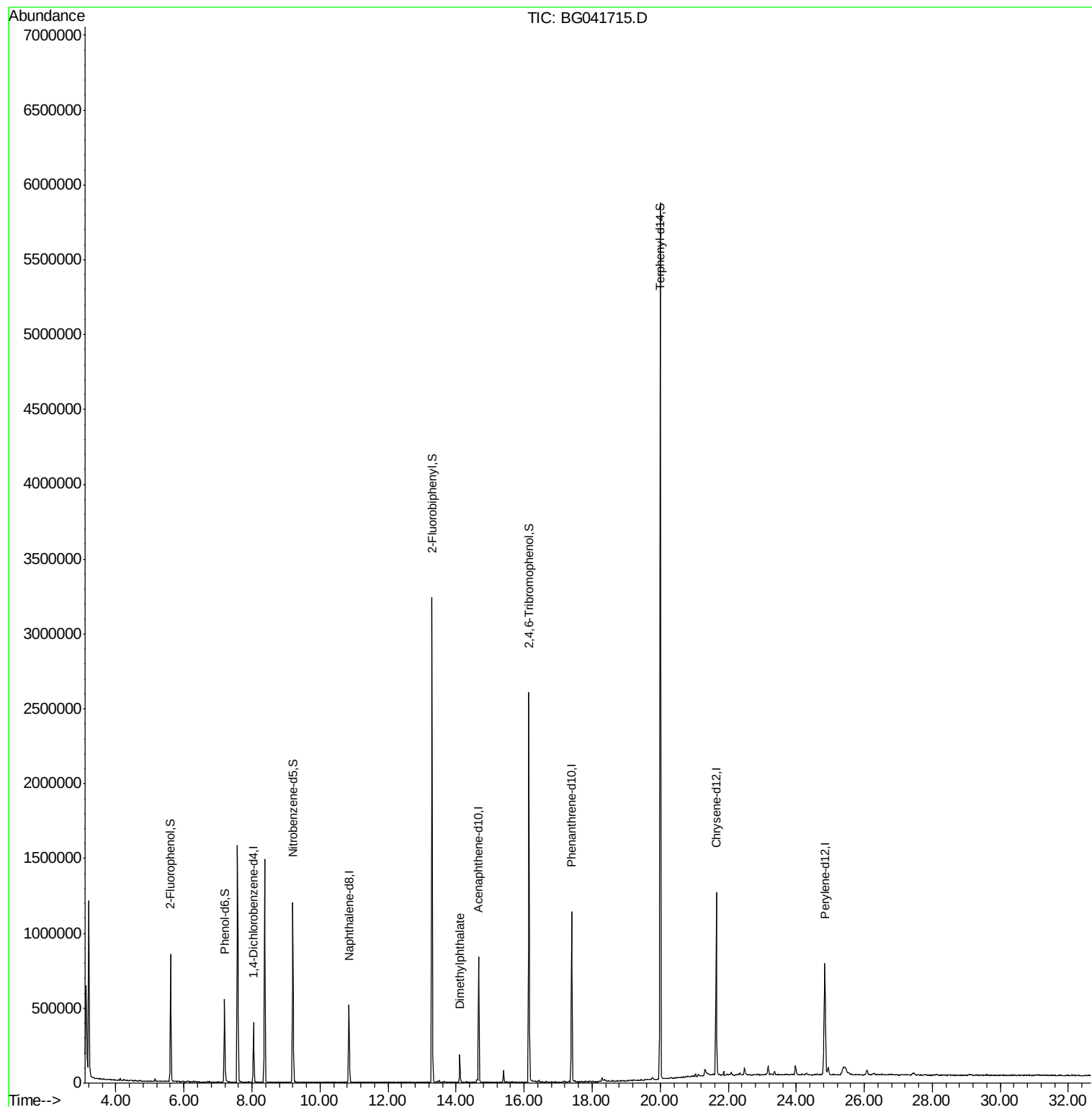
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	114002	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	464284	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	299076	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	733928	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	717797	20.00	ng	-0.01
87) Perylene-d12	24.84	264	799524	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	368631	52.86	ng	0.00
7) Phenol-d6	7.20	99	316289	33.72	ng	0.00
23) Nitrobenzene-d5	9.20	82	716400	93.84	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	489563	145.25	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1705085	88.28	ng	0.00
79) Terphenyl-d14	20.00	244	2496543	81.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	129001	5.492	ng	Qvalue 97

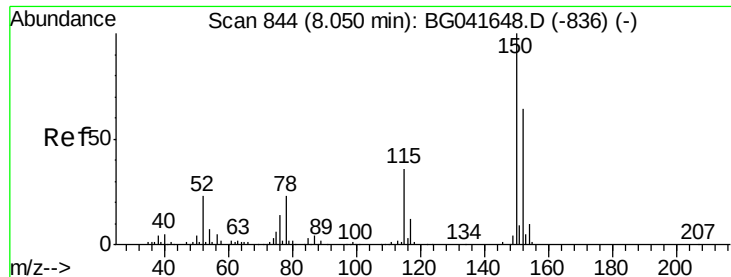
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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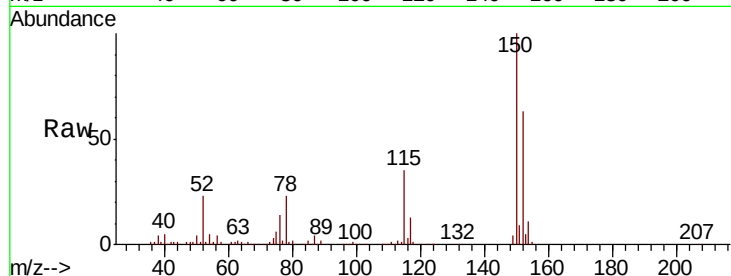


#1

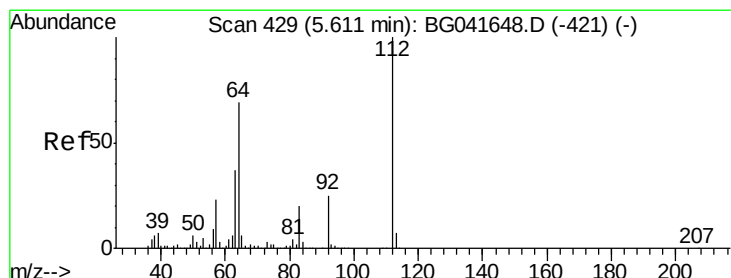
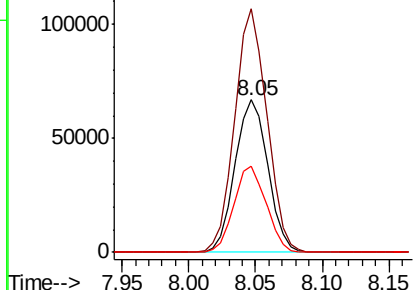
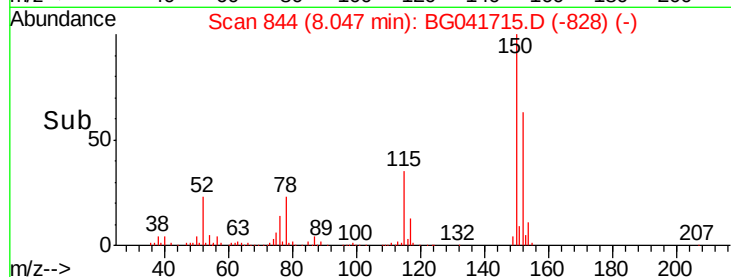
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041715.D
Acq: 18 Jul 2019 18:26

Instrument :
BNA_G
ClientSampleId :
TW-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.9	190.3
115	56.4	45.0	67.6



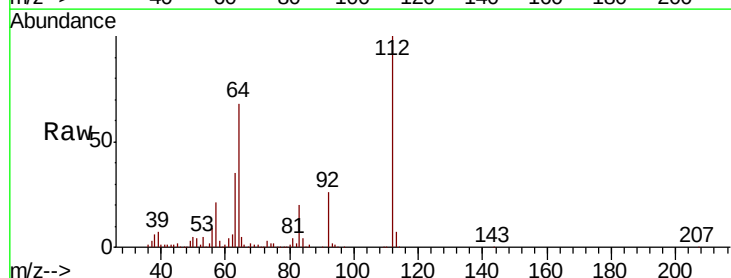
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



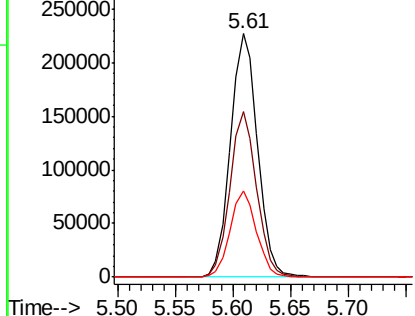
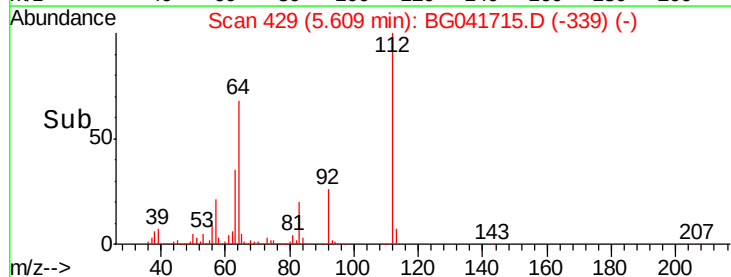
#5

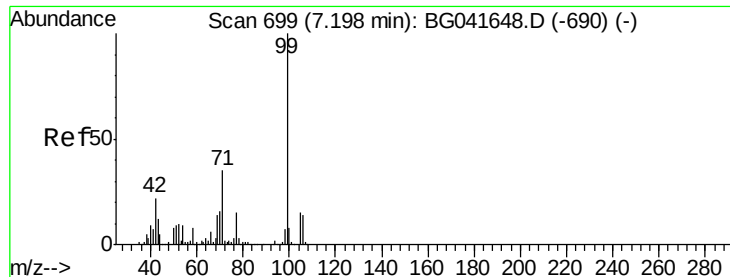
2-Fluorophenol
Concen: 52.860 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041715.D
Acq: 18 Jul 2019 18:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	55.4	83.2
63	35.4	29.1	43.7



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: 33.720 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041715.D

Acq: 18 Jul 2019 18:26

Instrument :

BNA_G

ClientSampled :

TW-6

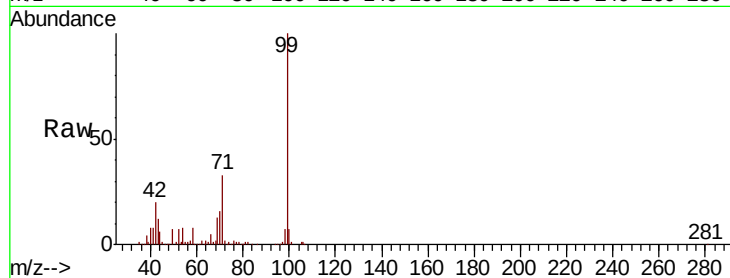
Tot Ion: 99 Resp: 316289

Ion Ratio Lower Upper

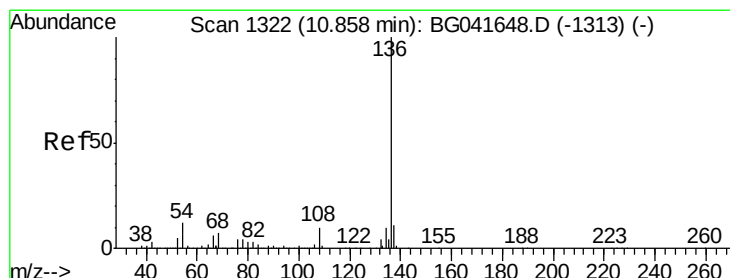
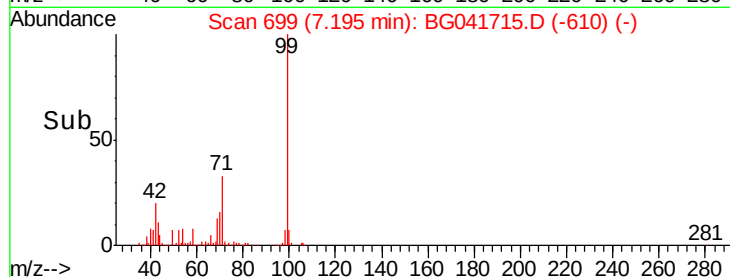
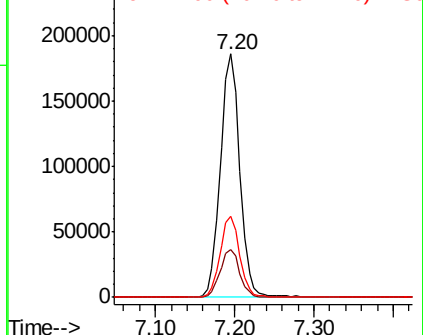
99 100

42 19.8 17.6 26.4

71 33.1 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# 1321

Delta R.T. -0.01 min

Lab File: BG041715.D

Acq: 18 Jul 2019 18:26

Tgt Ion: 136 Resp: 464284

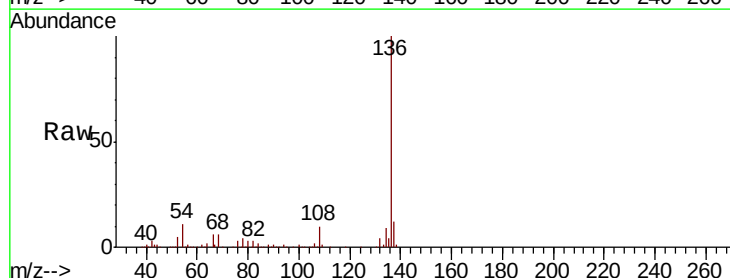
Ion Ratio Lower Upper

136 100

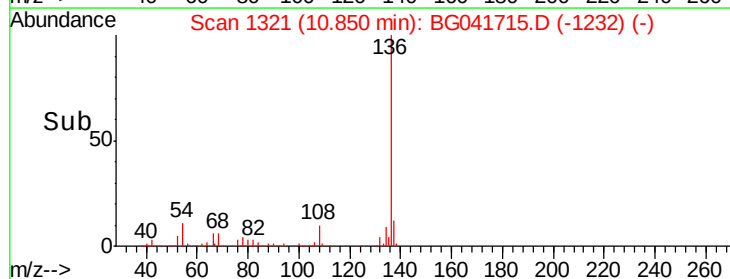
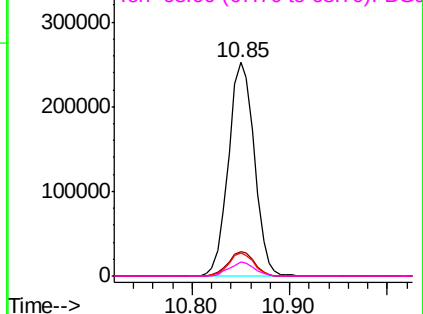
137 11.6 9.2 13.8

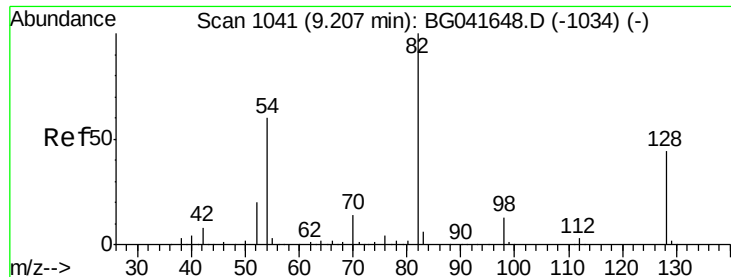
54 10.6 8.7 13.1

68 6.4 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

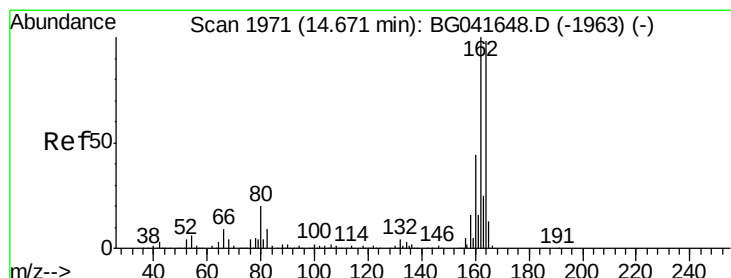
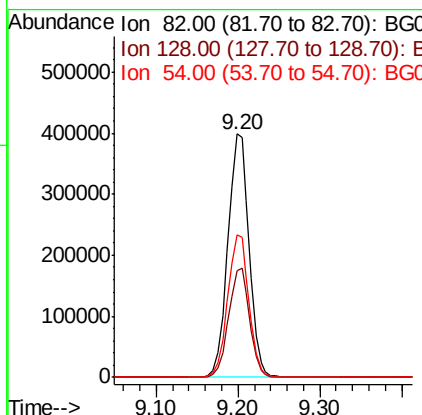
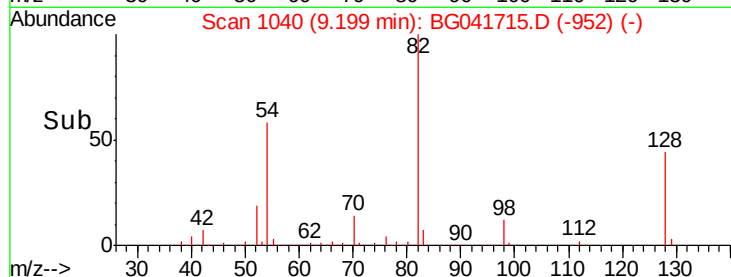
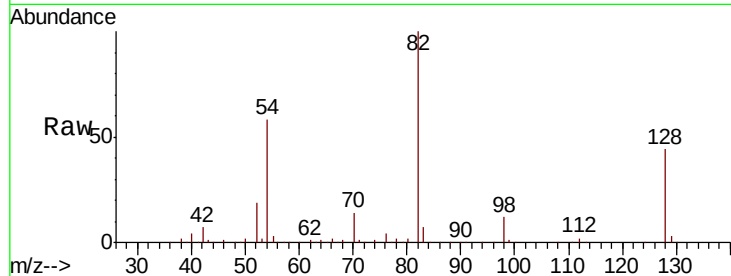




#23
Nitrobenzene-d5
Concen: 93.839 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041715.D
Acq: 18 Jul 2019 18:26

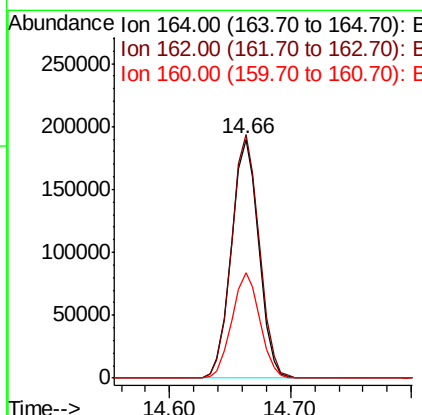
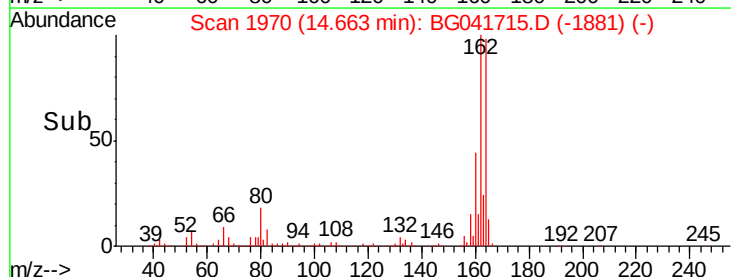
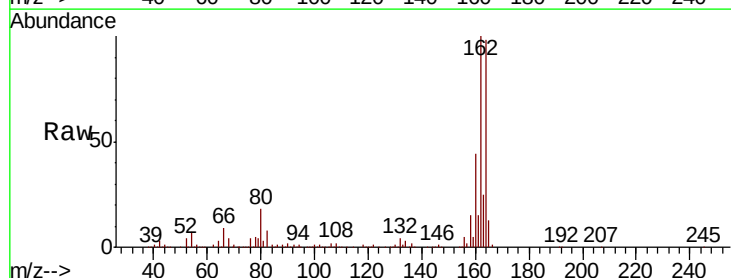
Instrument :
BNA_G
ClientSampleId :
TW-6

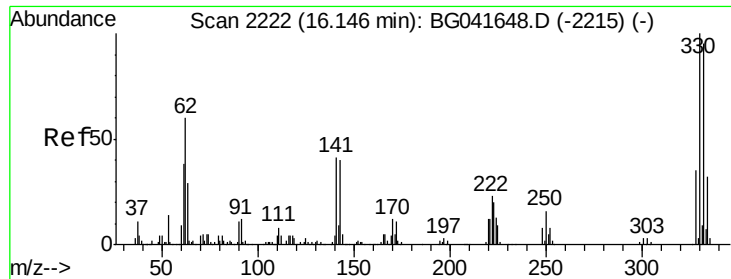
Tot Ion: 82 Resp: 716400
Ion Ratio Lower Upper
82 100
128 43.6 35.1 52.7
54 58.4 48.7 73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041715.D
Acq: 18 Jul 2019 18:26

Tgt Ion:164 Resp: 299076
Ion Ratio Lower Upper
164 100
162 102.1 79.6 119.4
160 44.4 35.4 53.0

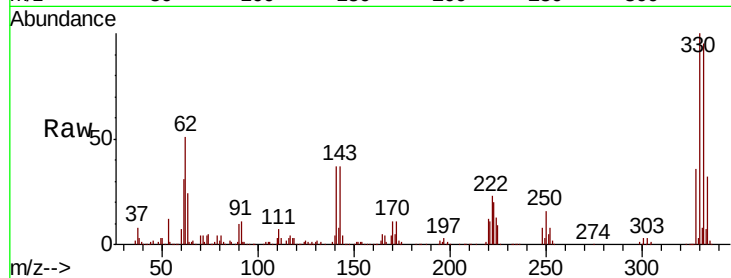




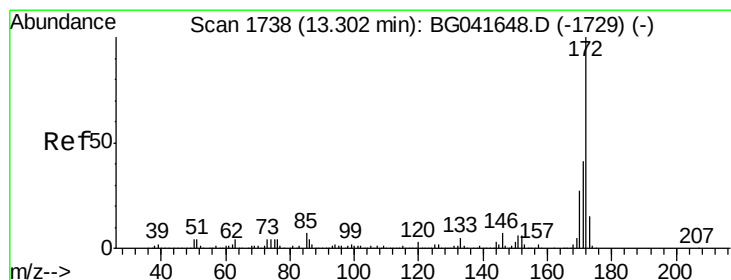
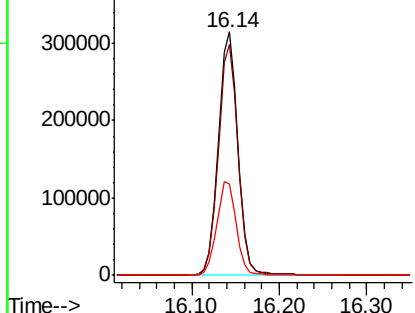
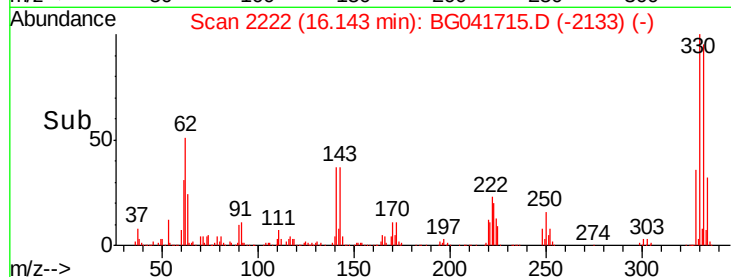
#42
 2,4,6-Tribromophenol
 Concen: 145.248 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041715.D
 Acq: 18 Jul 2019 18:26

Instrument :
 BNA_G
 ClientSampleId :
 TW-6

Tot Ion:330 Resp: 489563
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.0
 141 38.4 31.9 47.9

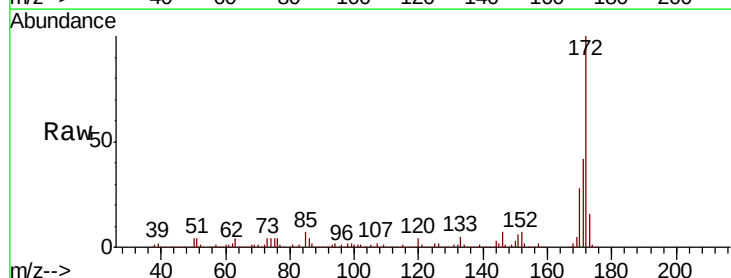


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

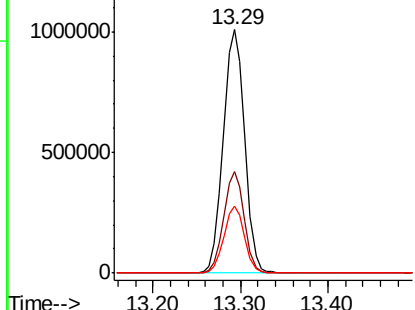
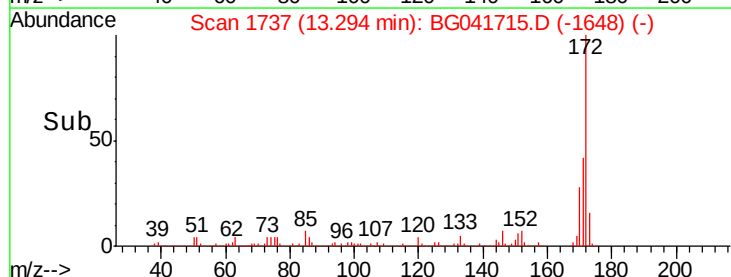


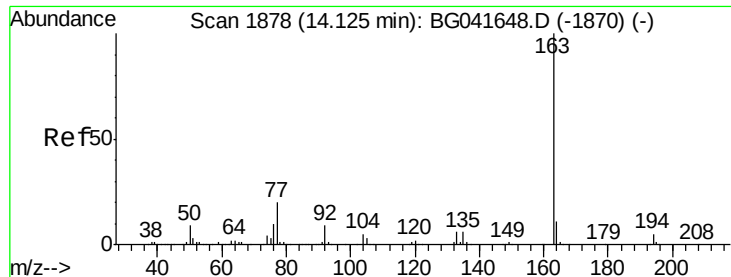
#45
 2-Fluorobiphenyl
 Concen: 88.283 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041715.D
 Acq: 18 Jul 2019 18:26

Tgt Ion:172 Resp: 1705085
 Ion Ratio Lower Upper
 172 100
 171 41.7 35.0 52.4
 170 27.8 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: 5.492 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041715.D

Acq: 18 Jul 2019 18:26

Instrument :

BNA_G

ClientSampleId :

TW-6

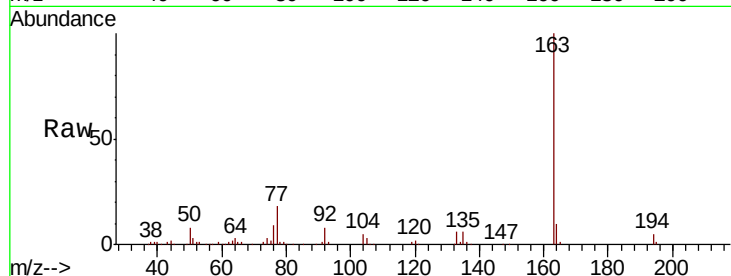
Tot Ion:163 Resp: 129001

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

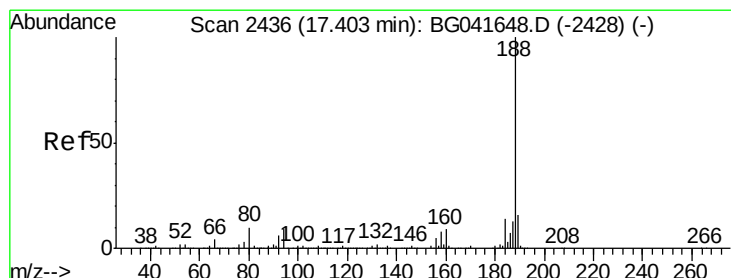
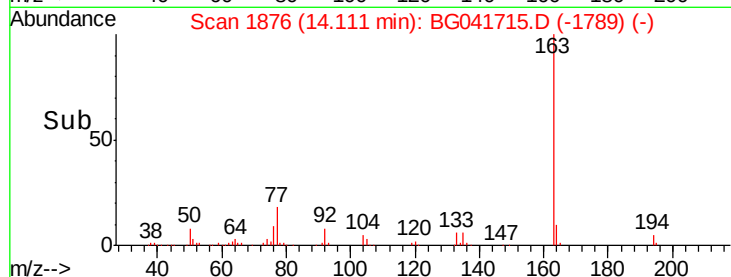
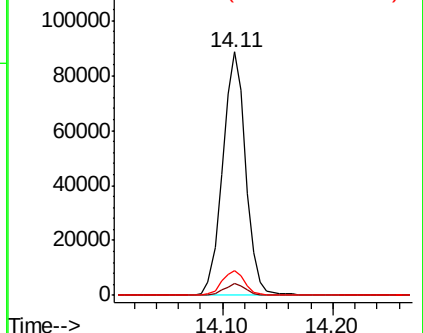
164 10.2 9.4 14.2



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: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG041715.D

Acq: 18 Jul 2019 18:26

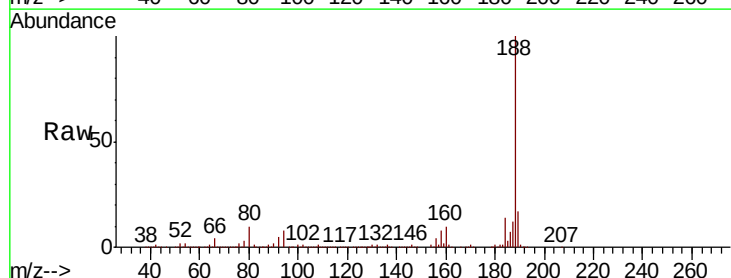
Tgt Ion:188 Resp: 733928

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

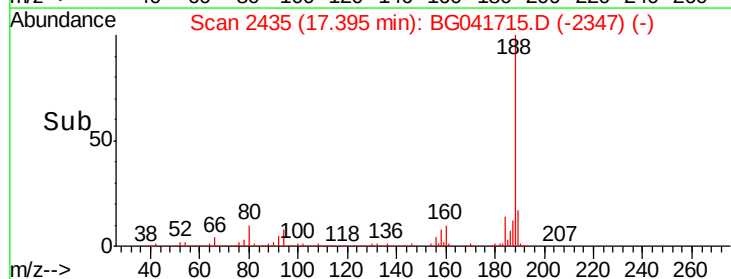
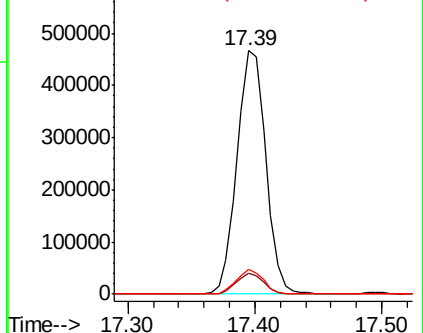
80 9.9 8.0 12.0

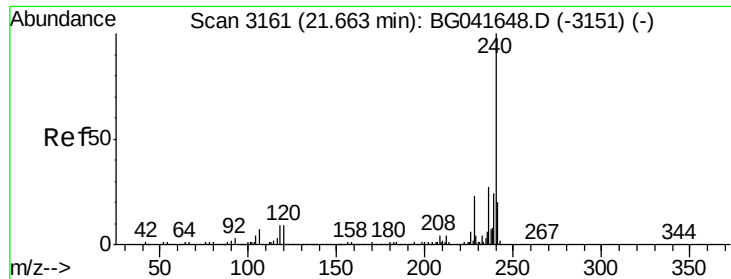


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3159

Delta R.T. -0.01 min

Lab File: BG041715.D

Acq: 18 Jul 2019 18:26

Instrument :

BNA_G

ClientSampleId :

TW-6

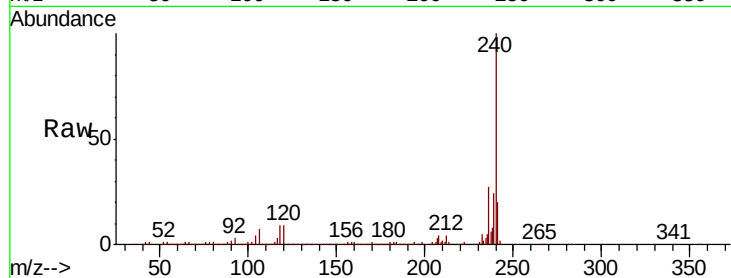
Tot Ion:240 Resp: 717797

Ion Ratio Lower Upper

240 100

120 8.9 8.0 12.0

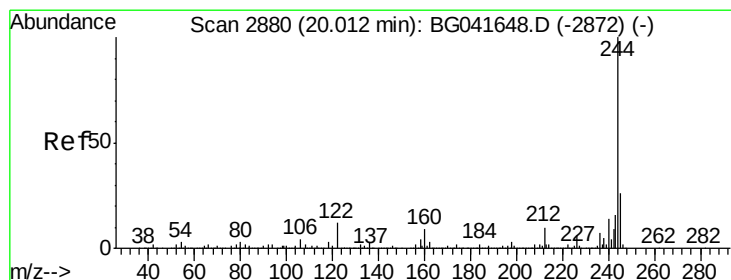
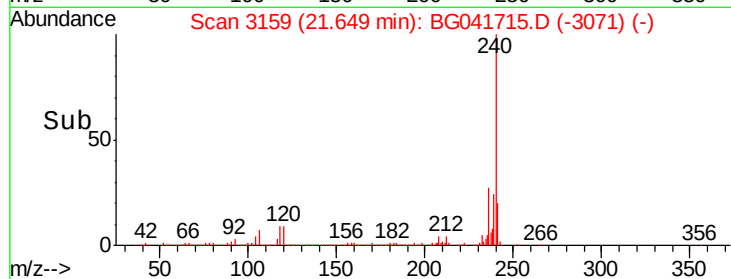
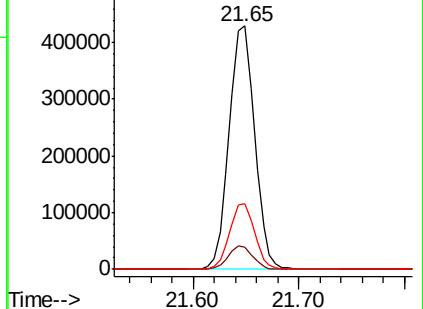
236 27.0 22.6 33.8



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: 81.278 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041715.D

Acq: 18 Jul 2019 18:26

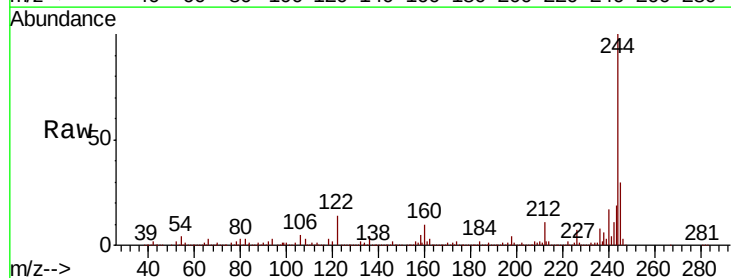
Tgt Ion:244 Resp: 2496543

Ion Ratio Lower Upper

244 100

212 11.3 9.7 14.5

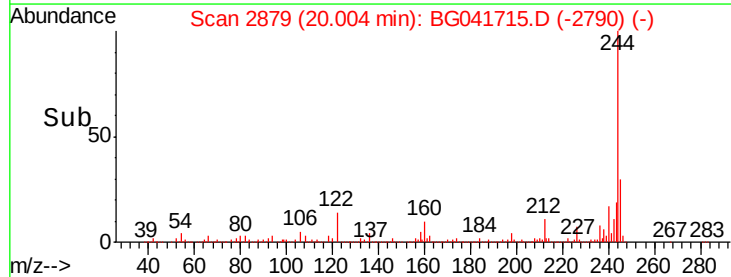
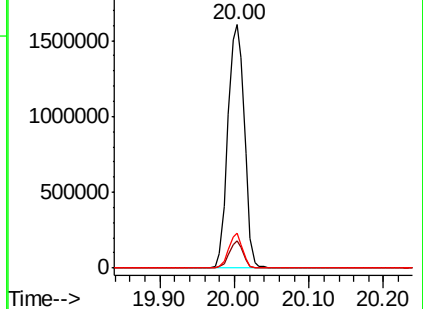
122 14.2 12.5 18.7

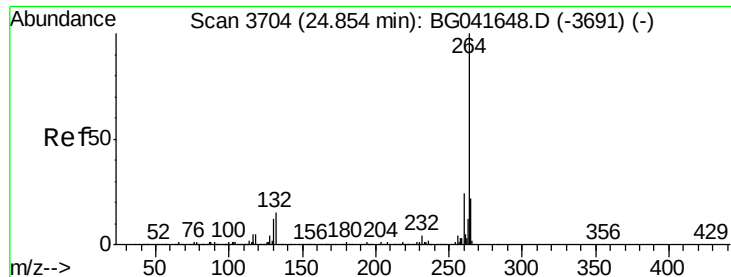


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.84 min Scan# 3702
Delta R.T. -0.02 min
Lab File: BG041715.D
Acq: 18 Jul 2019 18:26

Instrument :
BNA_G
ClientSampleId :
TW-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.4	18.0	27.0

