

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
 Data File : BG041714.D
 Acq On : 18 Jul 2019 17:47
 Operator : HP/JU
 Sample : K3857-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 36916

Quant Time: Jul 19 08:39:15 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

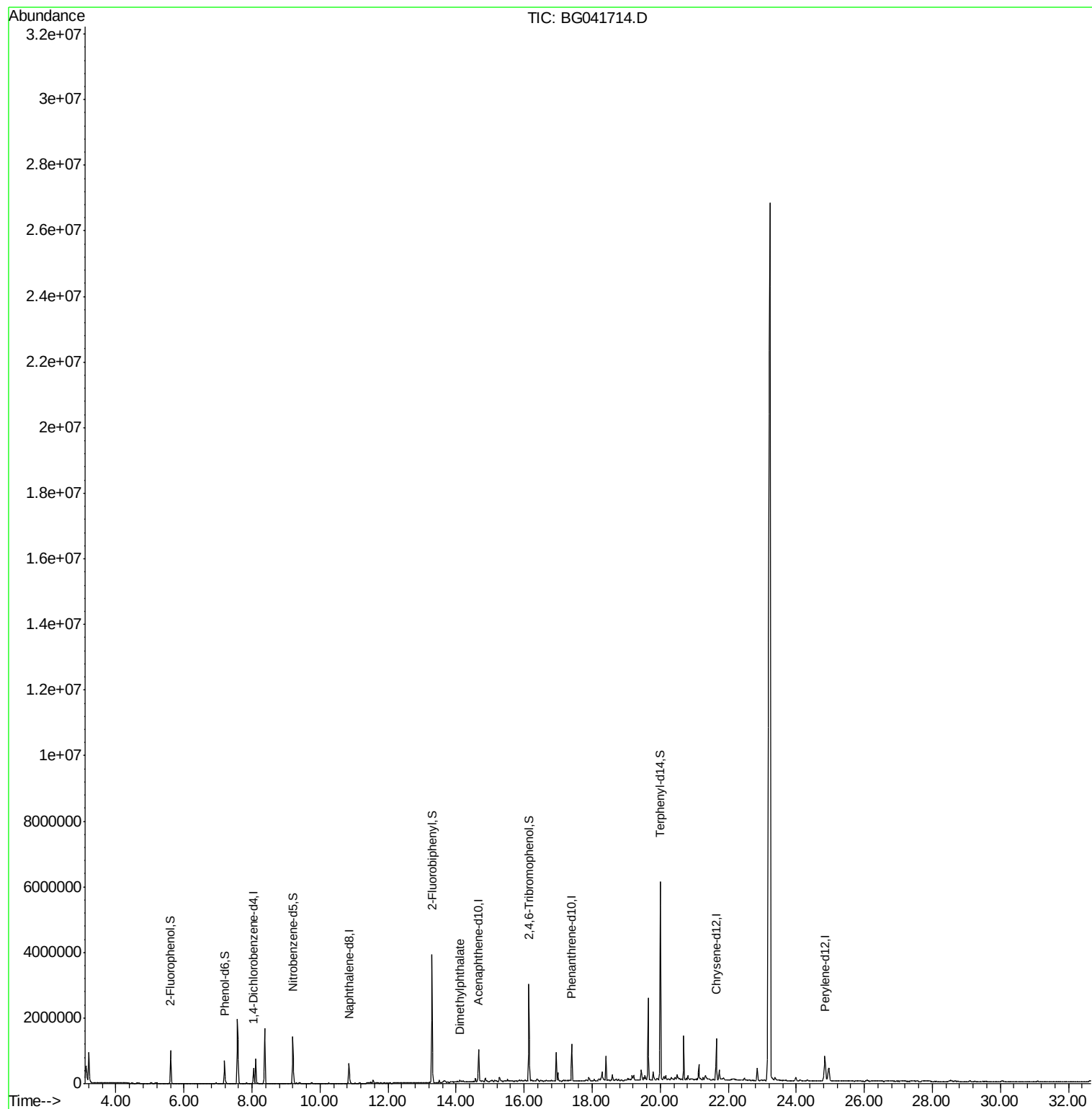
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	133017	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	541535	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	327613	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	734875	20.00	ng	0.00
76) Chrysene-d12	21.65	240	724276	20.00	ng	-0.01
87) Perylene-d12	24.84	264	836111	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	453668	55.75	ng	0.00
7) Phenol-d6	7.19	99	397635	36.33	ng	0.00
23) Nitrobenzene-d5	9.20	82	848646	95.30	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	537402	145.55	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1918432	90.68	ng	0.00
79) Terphenyl-d14	20.00	244	2558823	82.56	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	53326	2.072	ng	Qvalue 98

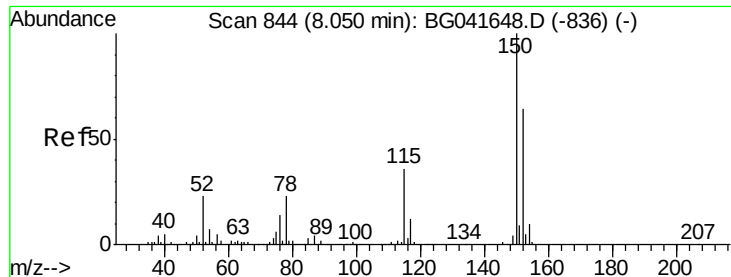
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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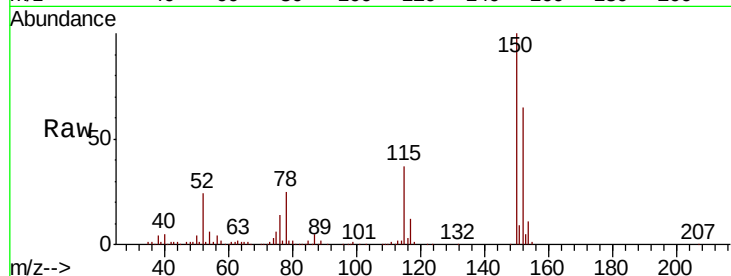


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041714.D
Acq: 18 Jul 2019 17:47

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.9	190.3
115	57.3	45.0	67.6

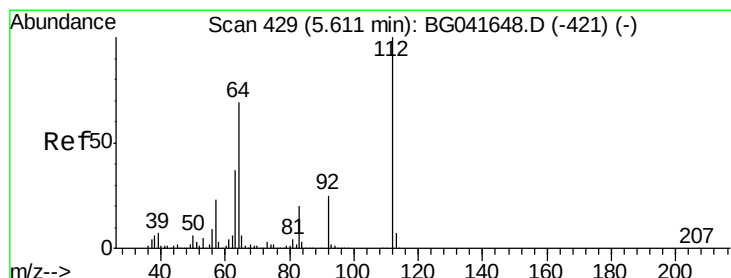
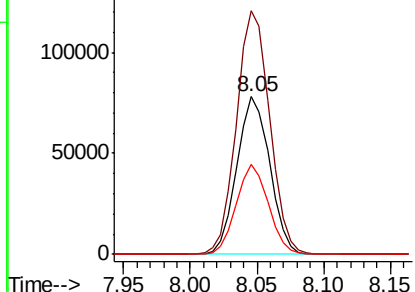
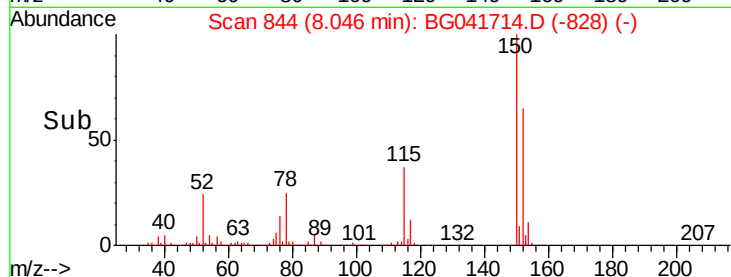


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

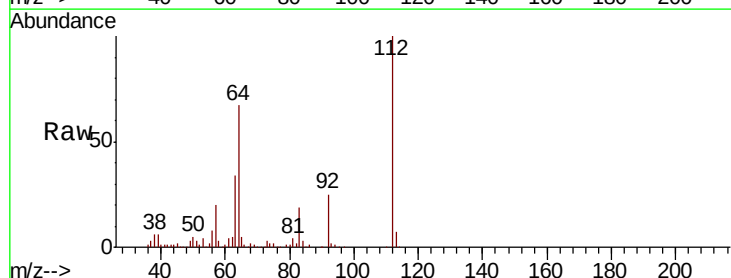
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.755 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG041714.D
Acq: 18 Jul 2019 17:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	55.4	83.2
63	34.4	29.1	43.7

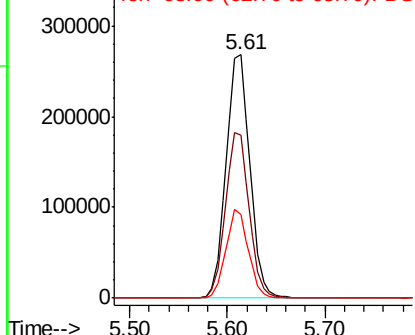
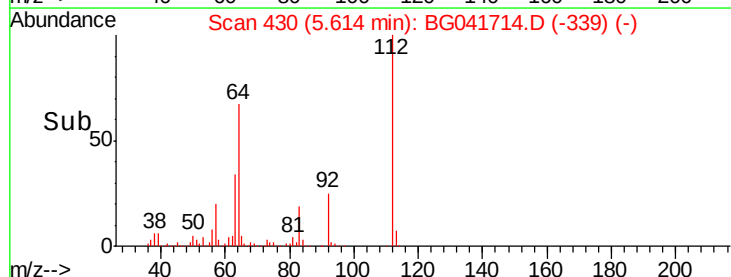


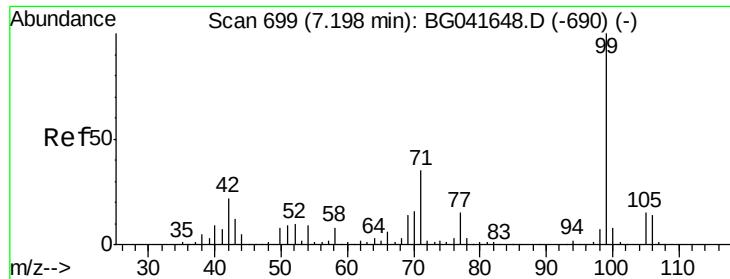
Abundance

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: 36.332 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041714.D

Acq: 18 Jul 2019 17:47

Instrument :

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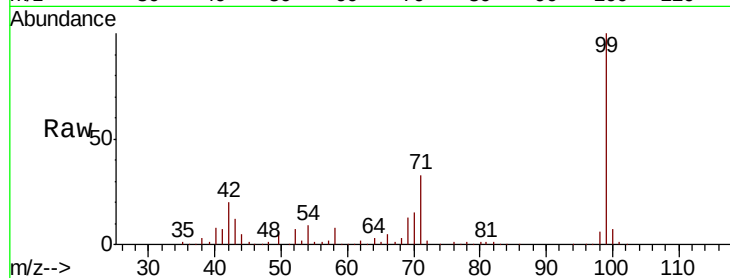
Tot Ion: 99 Resp: 397635

Ion Ratio Lower Upper

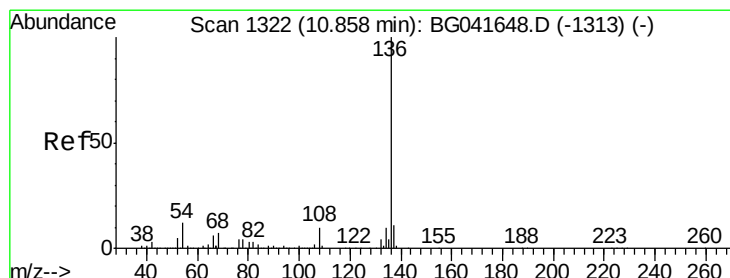
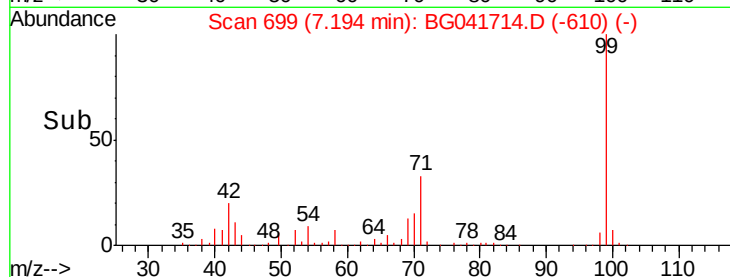
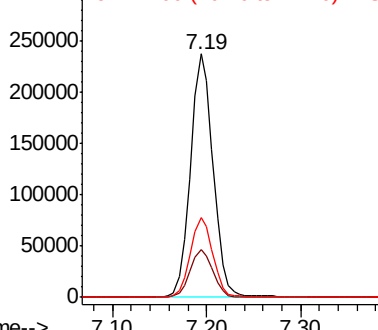
99 100

42 19.8 17.6 26.4

71 32.6 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: BG041714.D

Acq: 18 Jul 2019 17:47

Tgt Ion: 136 Resp: 541535

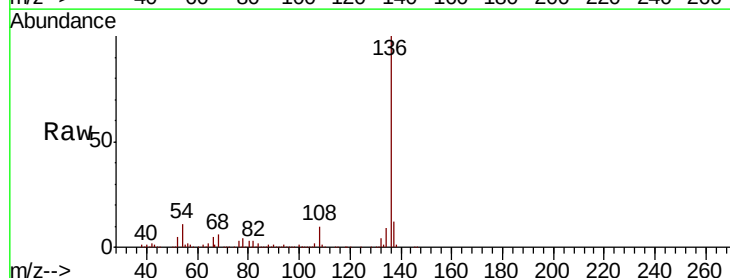
Ion Ratio Lower Upper

136 100

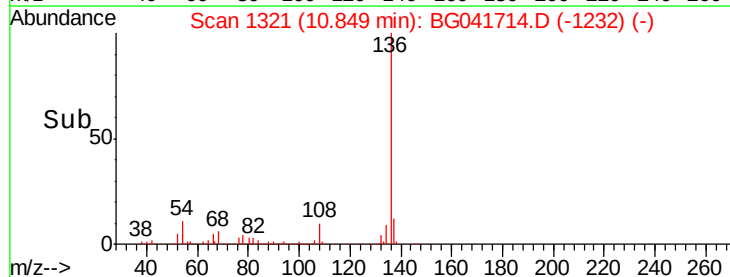
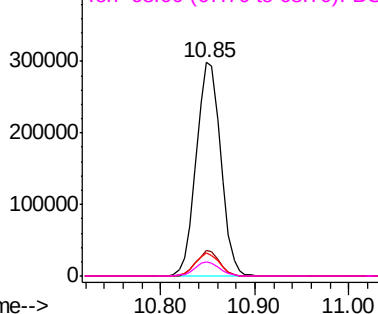
137 11.7 9.2 13.8

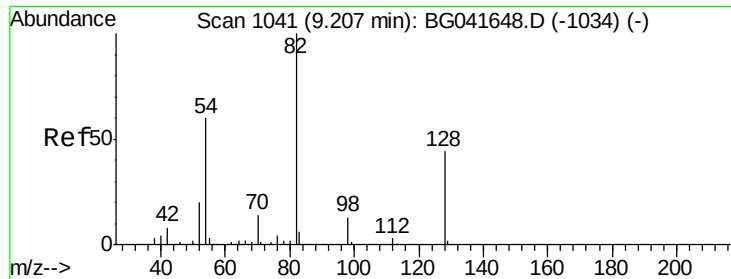
54 10.9 8.7 13.1

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

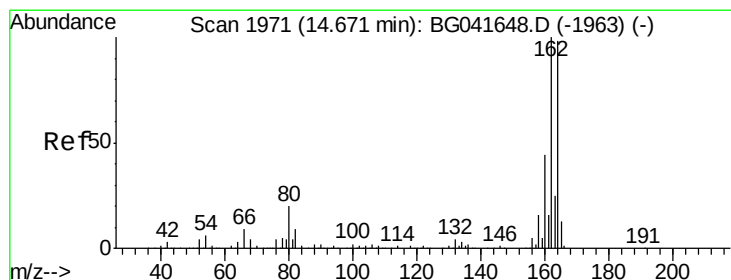
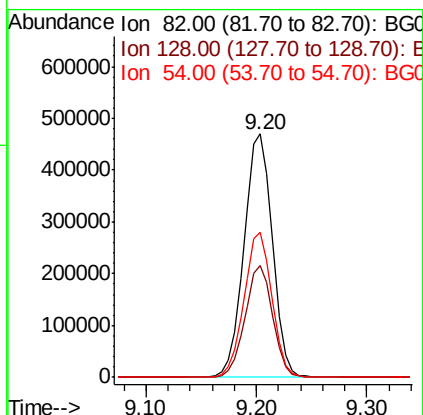
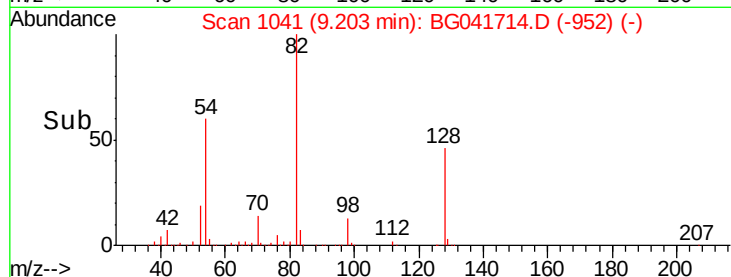
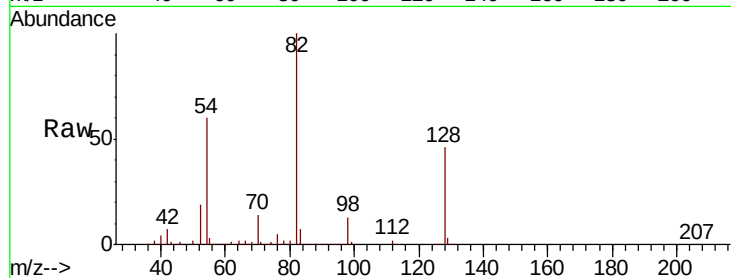




#23
Nitrobenzene-d5
Concen: 95.304 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041714.D
Acq: 18 Jul 2019 17:47

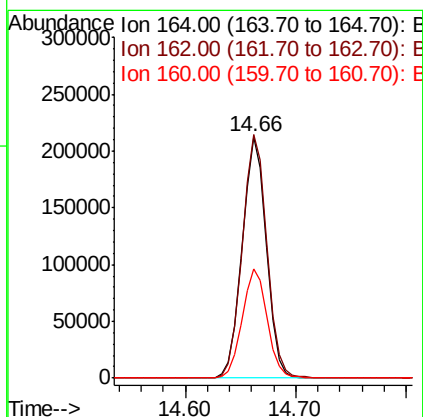
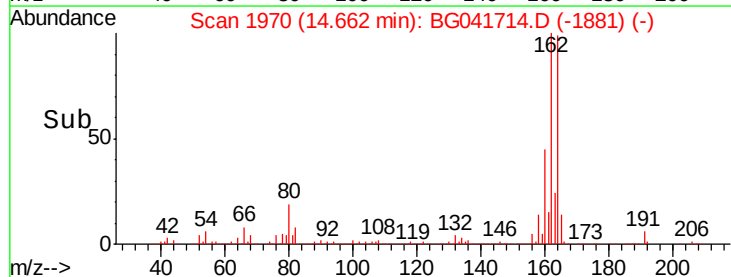
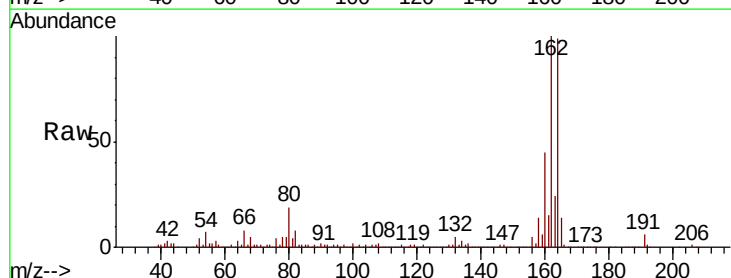
Instrument :
BNA_G
ClientSampleId :
36916

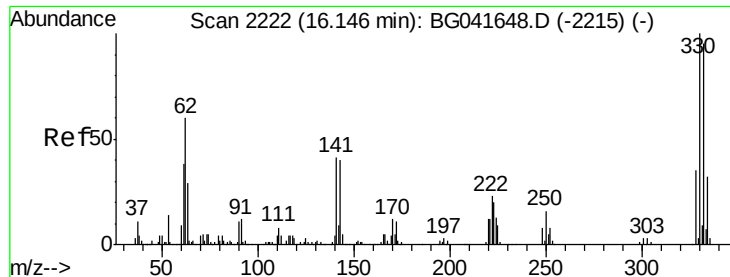
Tot Ion	82.00	Resp	848646
Ion Ratio	Lower	Upper	
82	100		
128	45.9	35.1	52.7
54	59.7	48.7	73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041714.D
Acq: 18 Jul 2019 17:47

Tgt Ion	164.00	Resp	327613
Ion Ratio	Lower	Upper	
164	100		
162	100.9	79.6	119.4
160	45.1	35.4	53.0

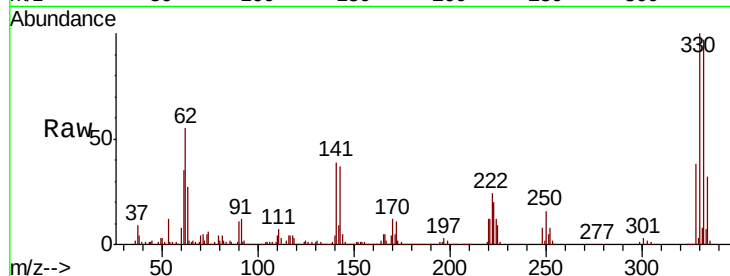




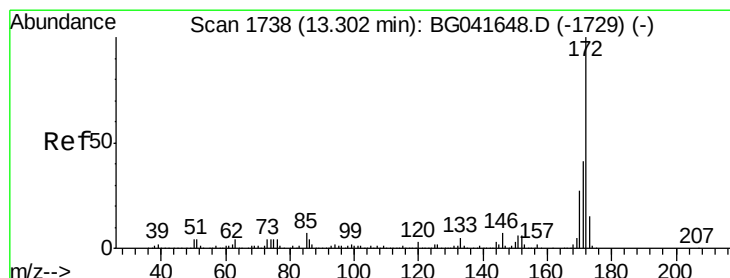
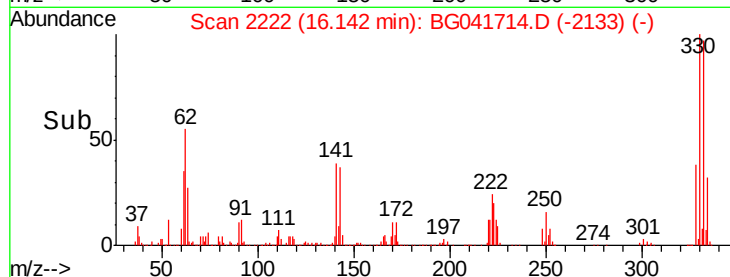
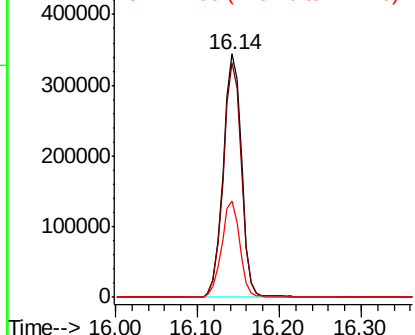
#42
 2,4,6-Tribromophenol
 Concen: 145.553 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041714.D
 Acq: 18 Jul 2019 17:47

Instrument :
 BNA_G
 ClientSampled :
 36916

Tot Ion:330 Resp: 537402
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.0
 141 38.7 31.9 47.9

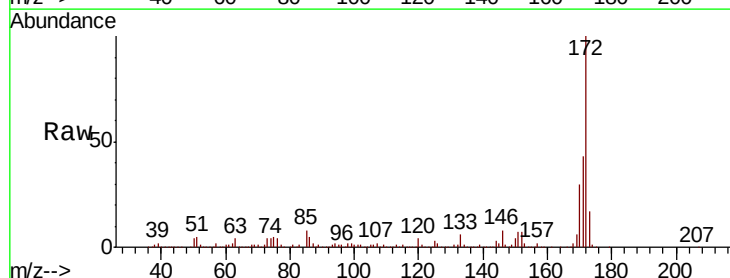


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

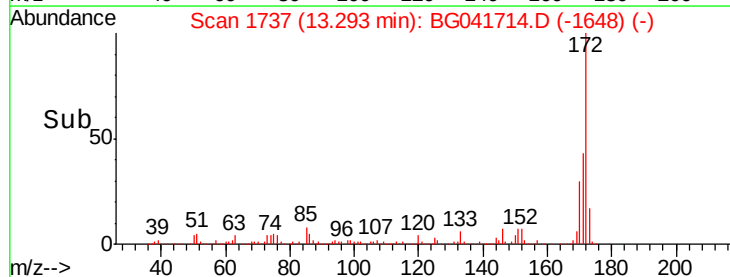
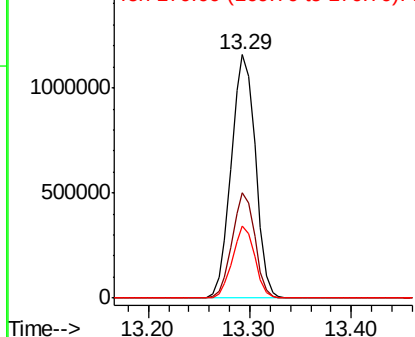


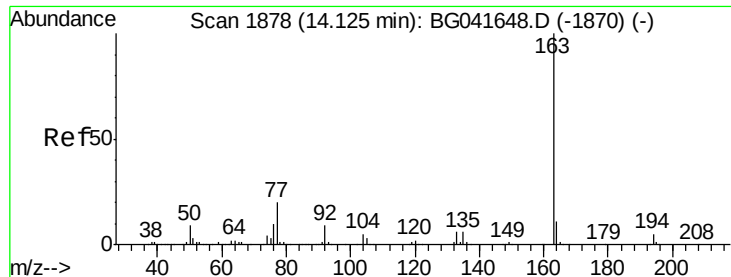
#45
 2-Fluorobiphenyl
 Concen: 90.677 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041714.D
 Acq: 18 Jul 2019 17:47

Tgt Ion:172 Resp: 1918432
 Ion Ratio Lower Upper
 172 100
 171 43.5 35.0 52.4
 170 29.8 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: 2.072 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041714.D

Acq: 18 Jul 2019 17:47

Instrument :

BNA_G

ClientSampleId :

36916

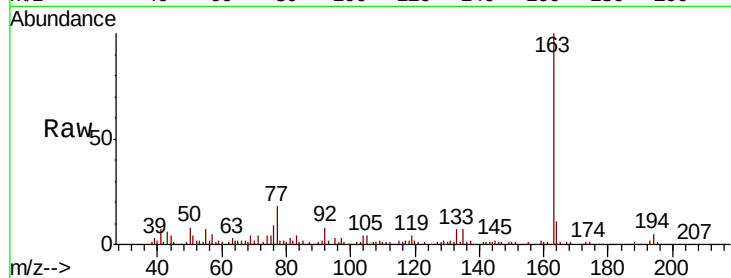
Tot Ion:163 Resp: 53326

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

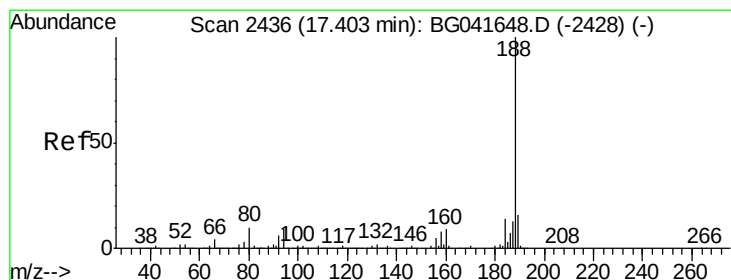
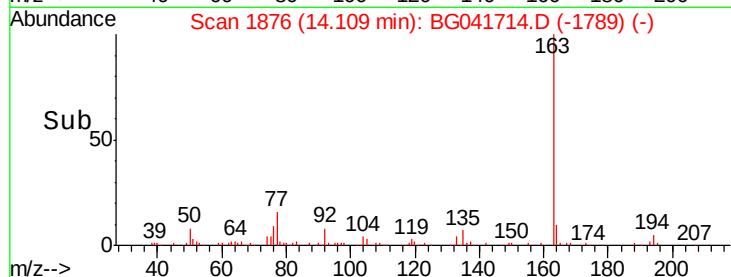
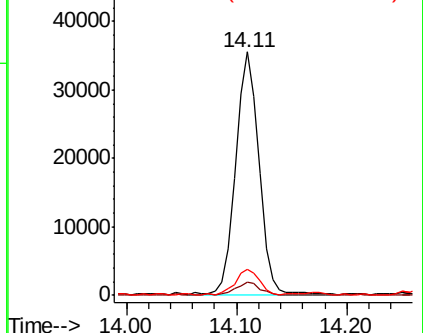
164 10.7 9.4 14.2



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: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041714.D

Acq: 18 Jul 2019 17:47

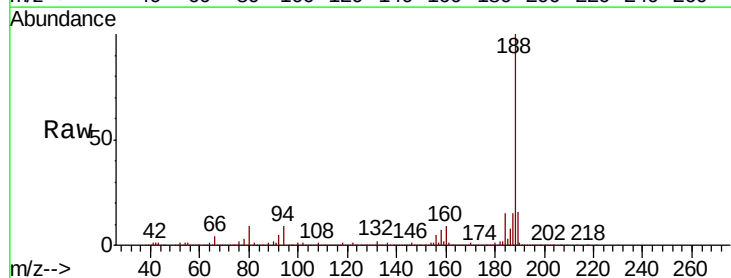
Tgt Ion:188 Resp: 734875

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

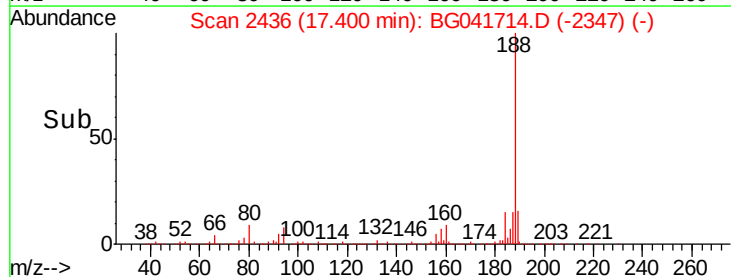
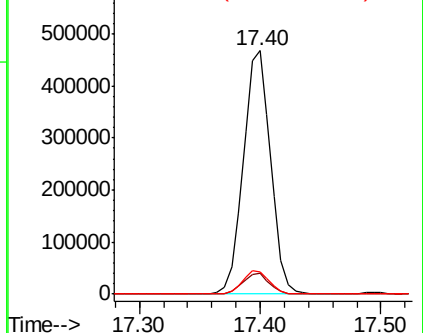
80 9.3 8.0 12.0

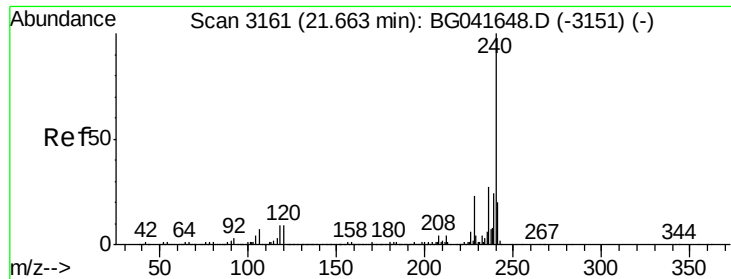


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

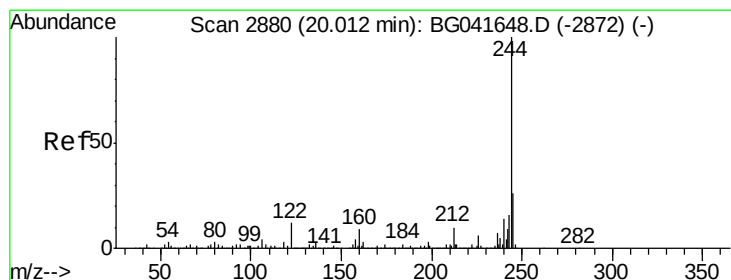
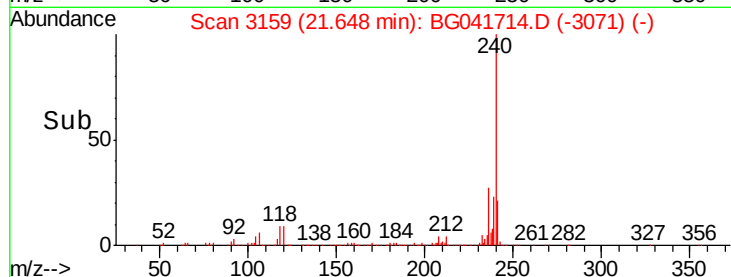
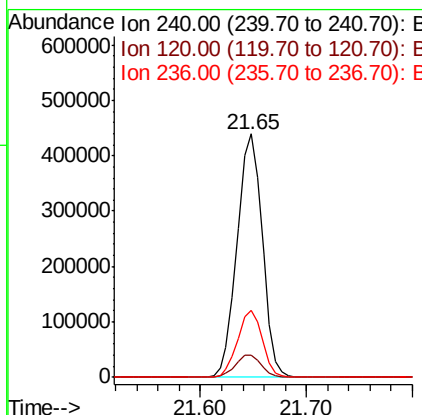
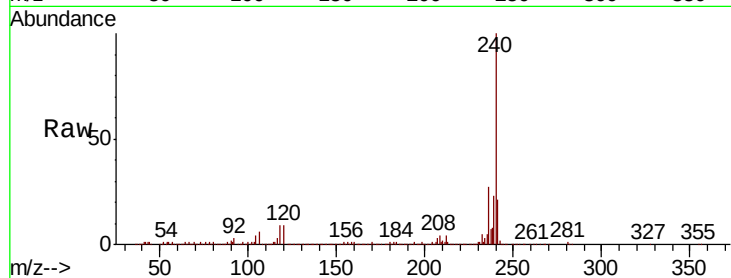




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BG041714.D
 Acq: 18 Jul 2019 17:47

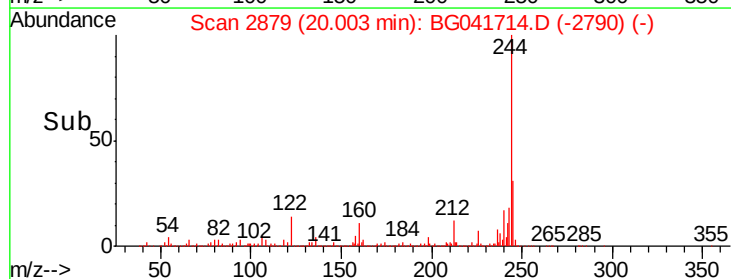
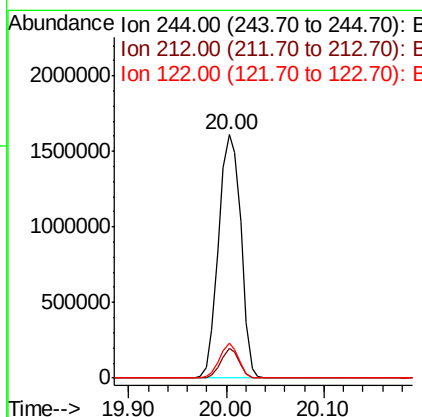
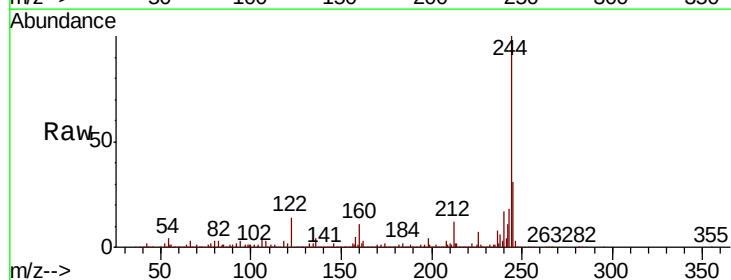
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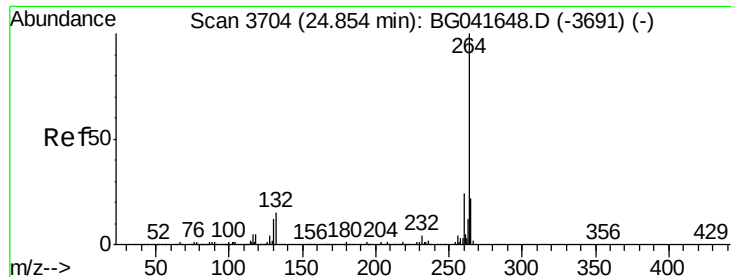
Tot Ion:240 Resp: 724276
 Ion Ratio Lower Upper
 240 100
 120 9.0 8.0 12.0
 236 27.4 22.6 33.8



#79
 Terphenyl-d14
 Concen: 82.560 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG041714.D
 Acq: 18 Jul 2019 17:47

Tgt Ion:244 Resp: 2558823
 Ion Ratio Lower Upper
 244 100
 212 12.2 9.7 14.5
 122 14.3 12.5 18.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG041714.D
Acq: 18 Jul 2019 17:47

Instrument :
BNA_G
ClientSampleId :
36916

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.6	18.0	27.0

