

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041681.D
 Acq On : 17 Jul 2019 5:48
 Operator : HP/JU
 Sample : K3627-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-071519

Manual Integrations
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 7/17/2019 12:05:03 PM

Quant Time: Jul 17 07:55:03 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	116054	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	476161	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	294780	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	701586	20.00	ng	0.00
76) Chrysene-d12	21.65	240	672107	20.00	ng	-0.01
87) Perylene-d12	24.84	264	759986	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	772735	108.85	ng	0.00
7) Phenol-d6	7.20	99	975060	102.11	ng	0.00
23) Nitrobenzene-d5	9.20	82	721312	92.13	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	434824	130.89	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1650131	86.68	ng	0.00
79) Terphenyl-d14	20.01	244	2414146	83.94	ng	0.00
Target Compounds						
32) Benzoic acid	10.07	122	12602m	8.152	ng	Qvalue

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

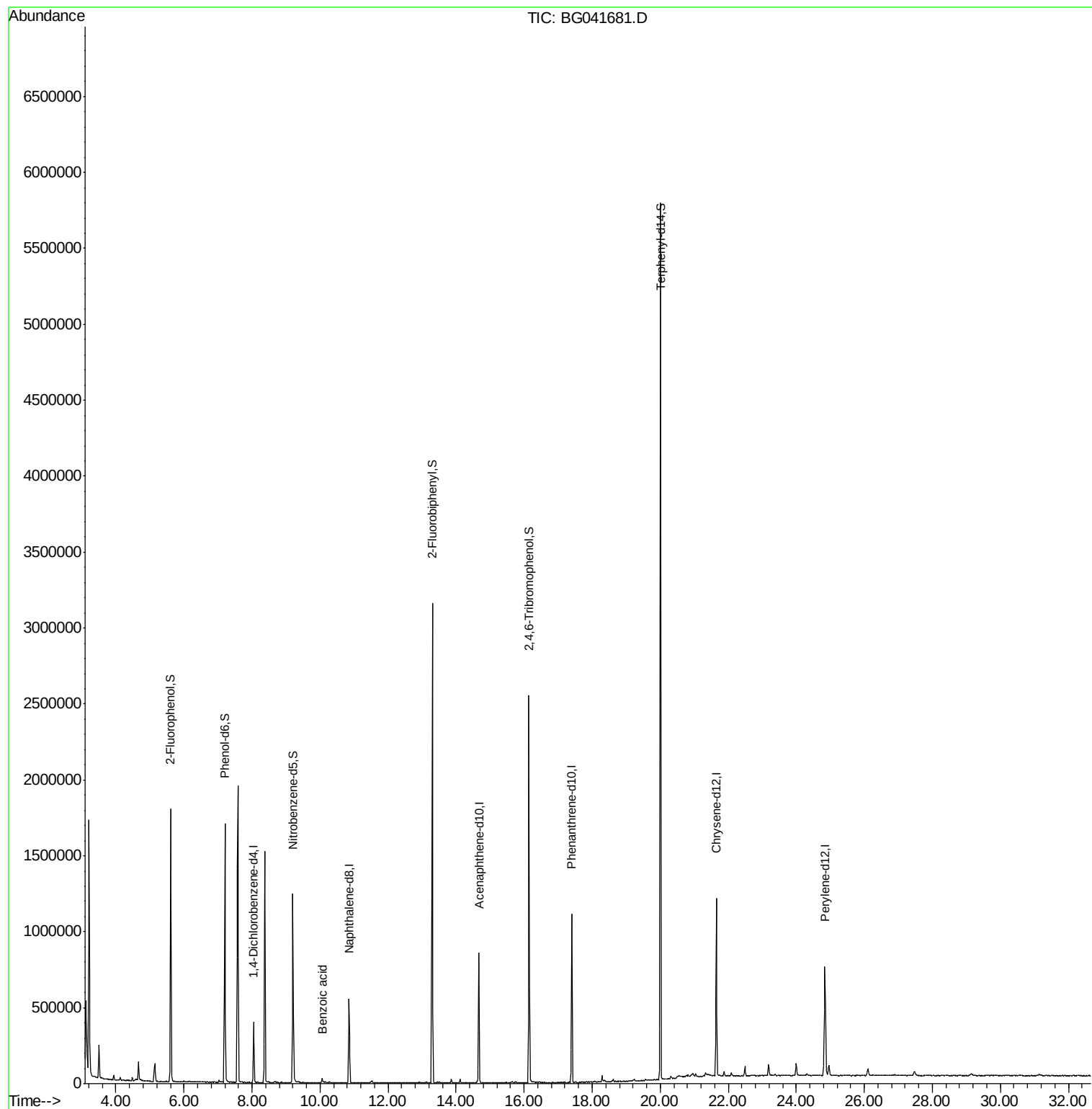
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
Data File : BG041681.D
Acq On : 17 Jul 2019 5:48
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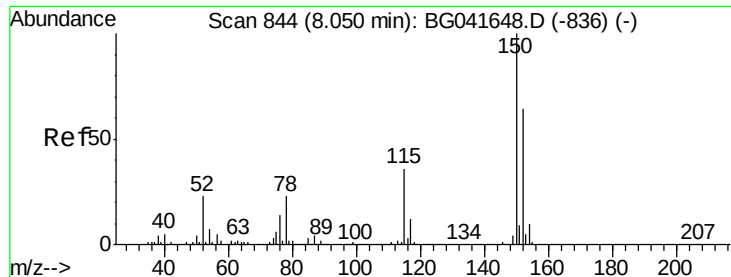
Instrument :
BNA_G
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#1

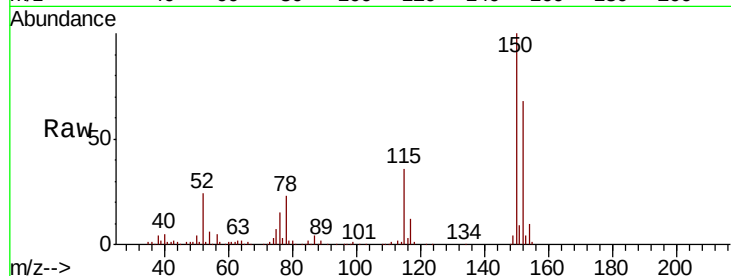
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041681.D
Acq: 17 Jul 2019 5:48

Instrument :
BNA_G
ClientSampleId :
TR-04-071519

Tot Ion	Ratio	Resp	Lower	Upper
152	100	116054		
150	147.8	126.9	190.3	
115	53.0	45.0	67.6	

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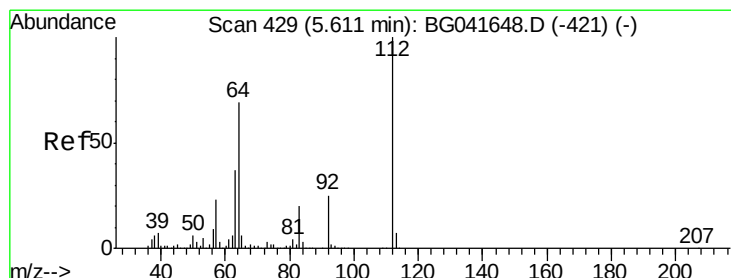
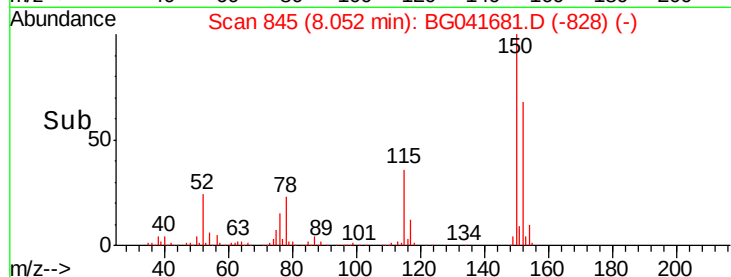
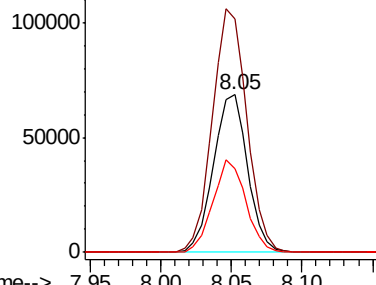


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

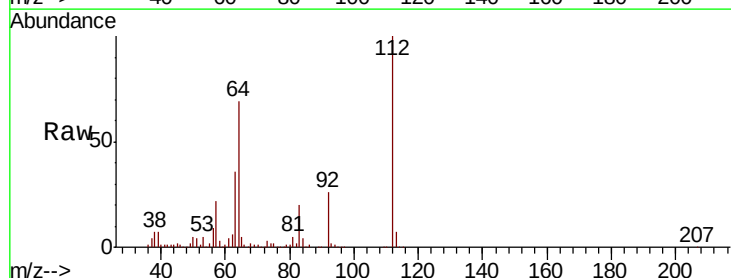
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.848 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG041681.D
Acq: 17 Jul 2019 5:48

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	772735		
64	68.9	55.4	83.2	
63	36.3	29.1	43.7	

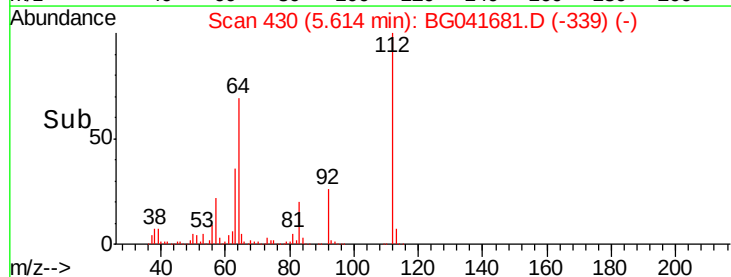
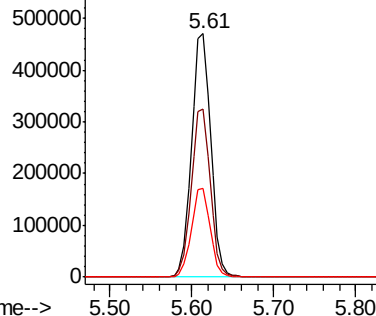


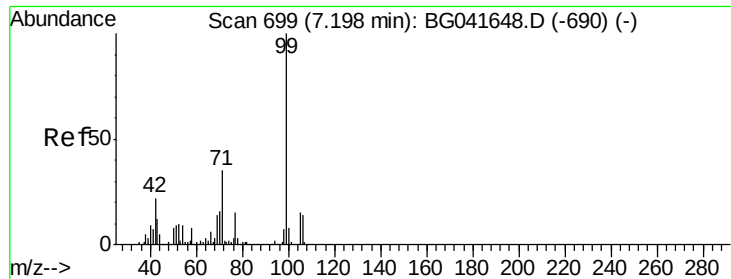
Abundance

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: 102.114 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041681.D

Acq: 17 Jul 2019 5:48

Instrument :

BNA_G

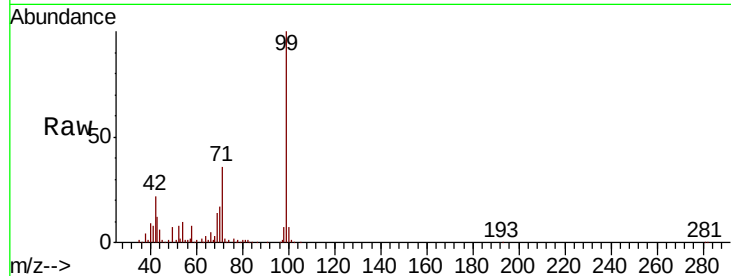
ClientSampleId :

TR-04-071519

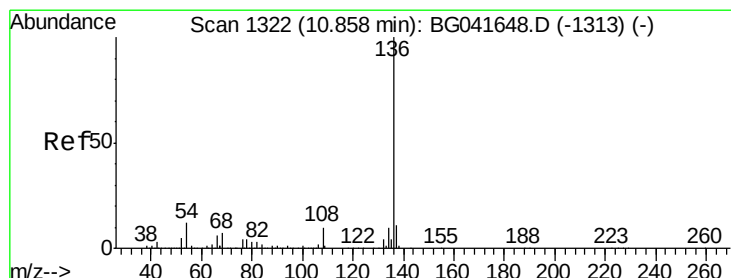
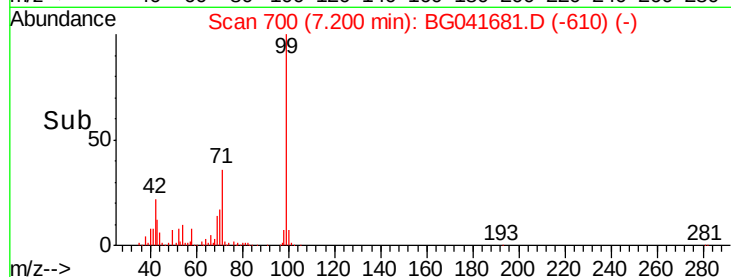
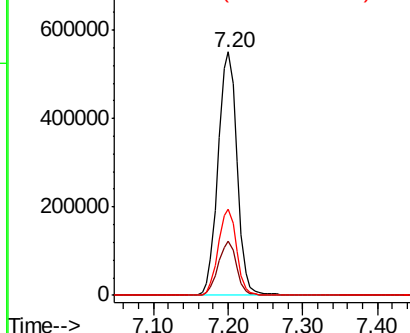
Tot Ion:	99	Resp:	975060
Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.6	26.4
71	35.7	27.8	41.6

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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# 1322

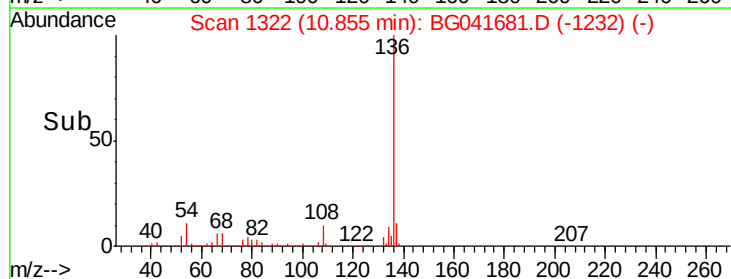
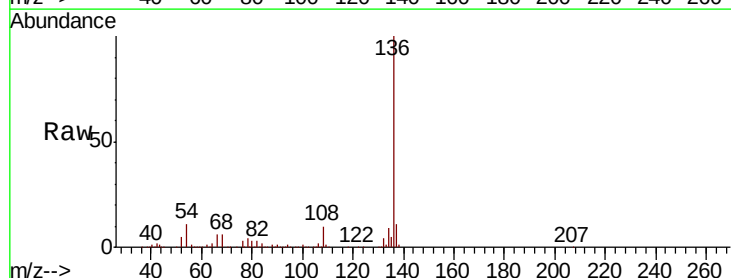
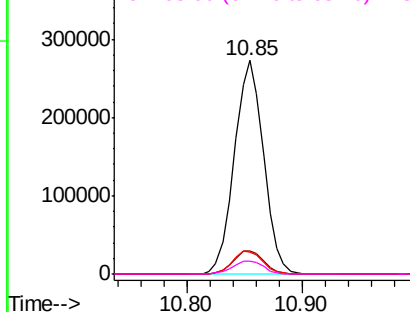
Delta R.T. -0.00 min

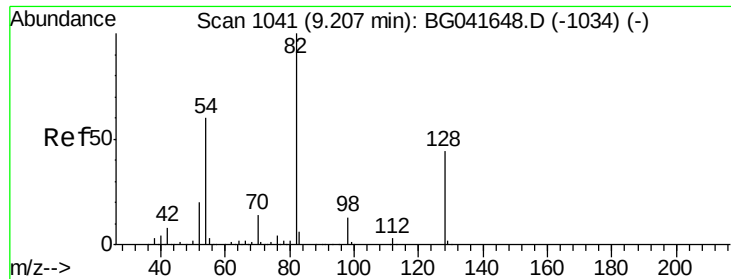
Lab File: BG041681.D

Acq: 17 Jul 2019 5:48

Tgt Ion:	136	Resp:	476161
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	10.5	8.7	13.1
68	6.0	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





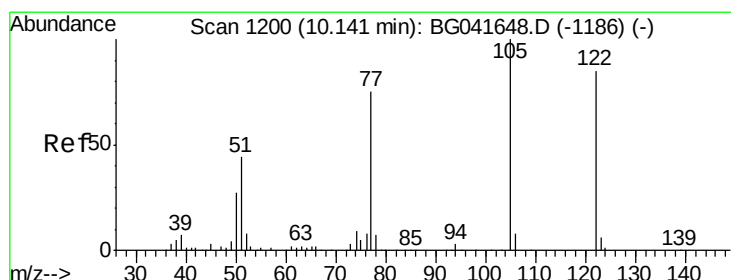
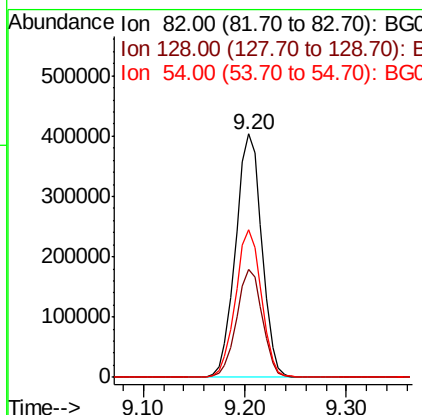
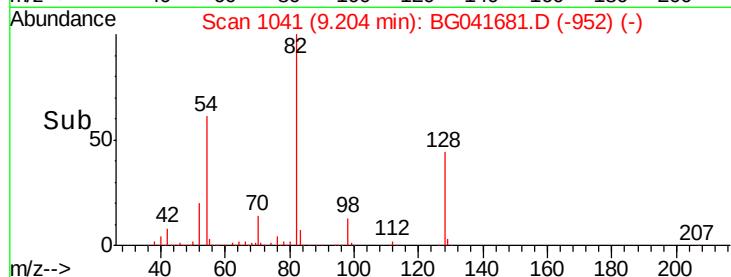
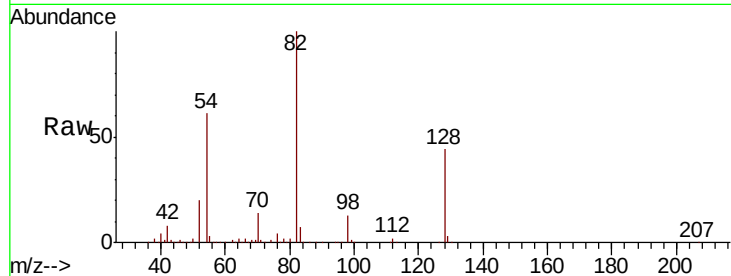
#23
 Nitrobenzene-d5
 Concen: 92.126 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041681.D
 Acq: 17 Jul 2019 5:48

Instrument :
 BNA_G
 ClientSampleID :
 TR-04-071519

Tot Ion	82	Resp	721312
Ion Ratio	100	Lower	Upper
82	100		
128	44.2	35.1	52.7
54	60.8	48.7	73.1

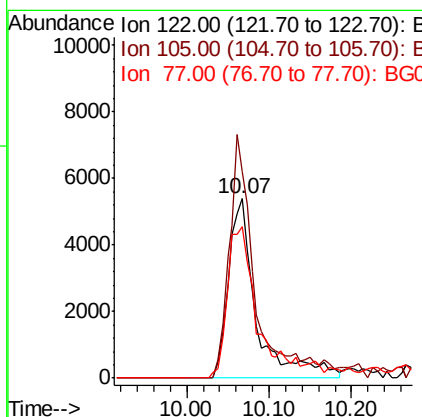
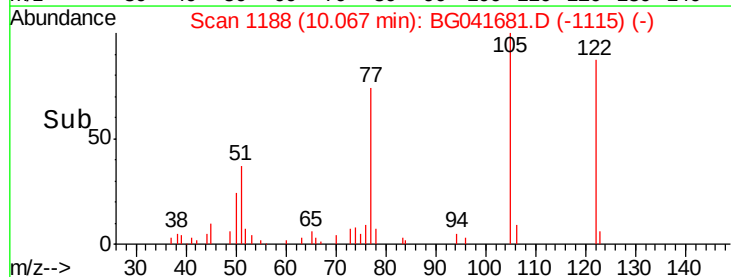
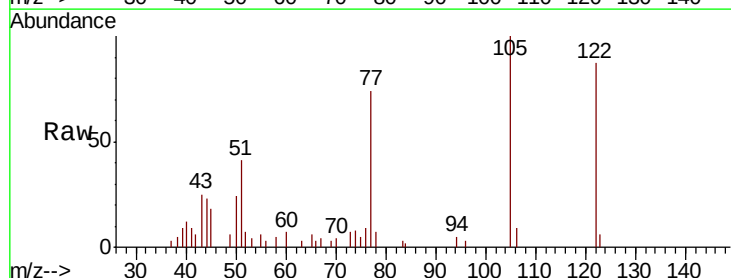
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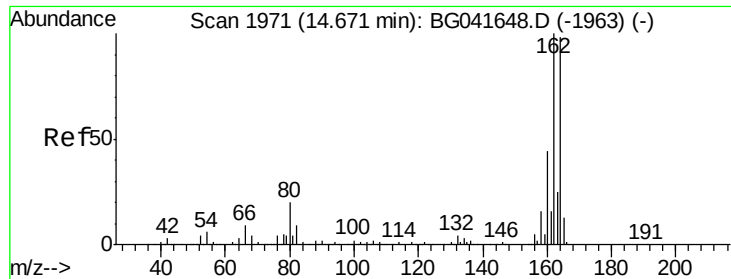
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#32
 Benzoic acid
 Concen: 8.152 ng m
 RT: 10.07 min Scan# 1188
 Delta R.T. -0.10 min
 Lab File: BG041681.D
 Acq: 17 Jul 2019 5:48

Tgt Ion	122	Resp	12602
Ion Ratio	100	Lower	Upper
122	100		
105	115.3	101.5	141.5
77	84.8	73.0	113.0





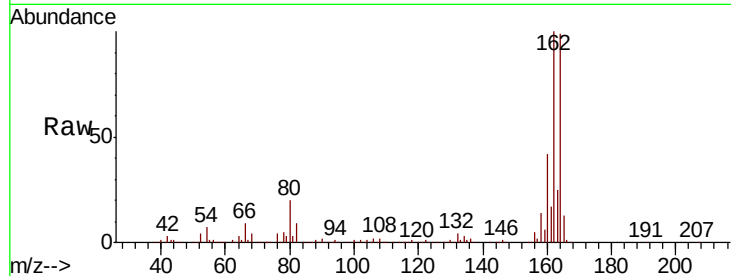
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG041681.D
Acq: 17 Jul 2019 5:48

Instrument :
BNA_G
ClientSampleId :
TR-04-071519

Tot Ion	Ratio	Resp	Lower	Upper
164	100	294780		
162	100.8	79.6	119.4	
160	42.4	35.4	53.0	

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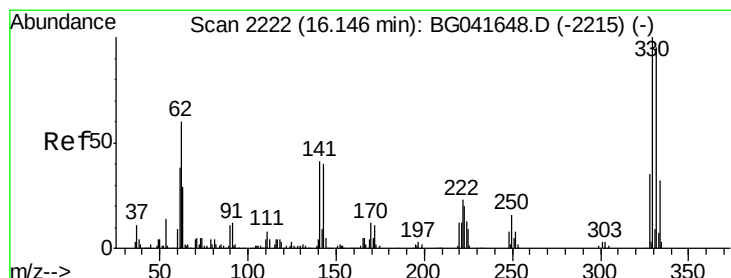
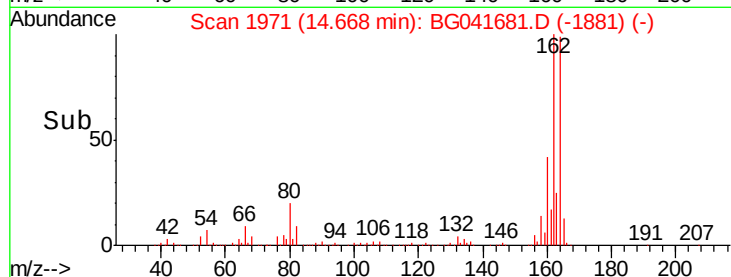
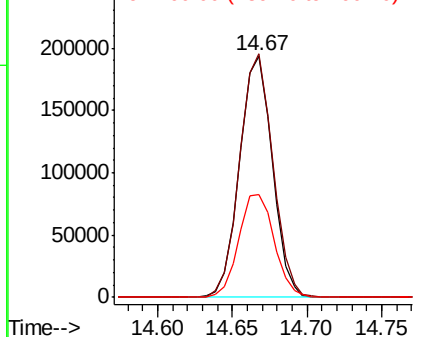


Abundance

Ion 164.00 (163.70 to 164.70): E

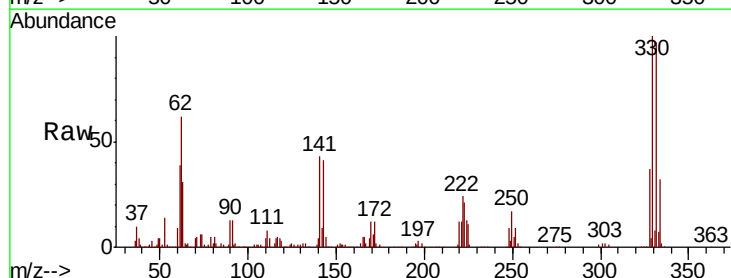
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 130.887 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG041681.D
Acq: 17 Jul 2019 5:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	434824		
332	95.4	77.4	116.0	
141	40.2	31.9	47.9	

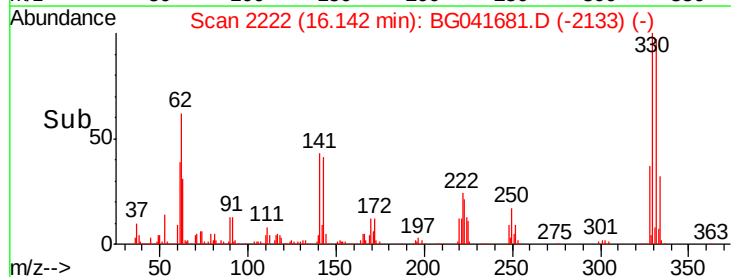
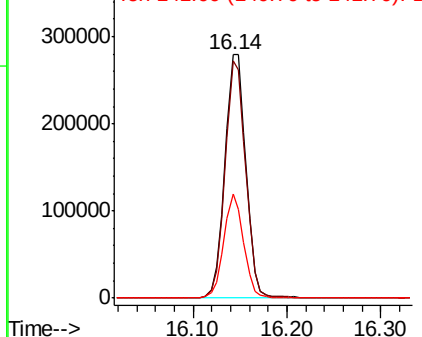


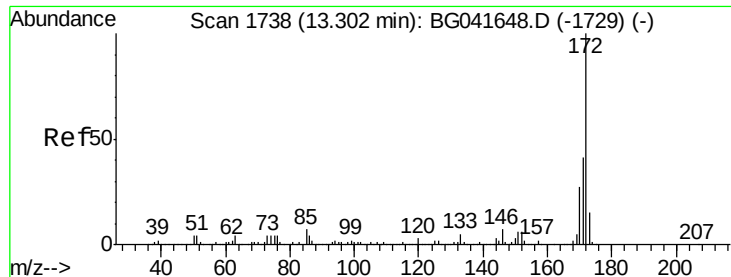
Abundance

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





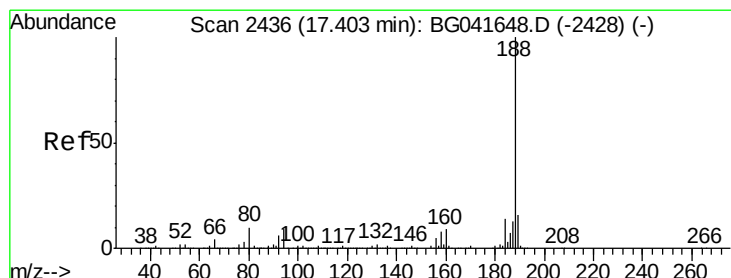
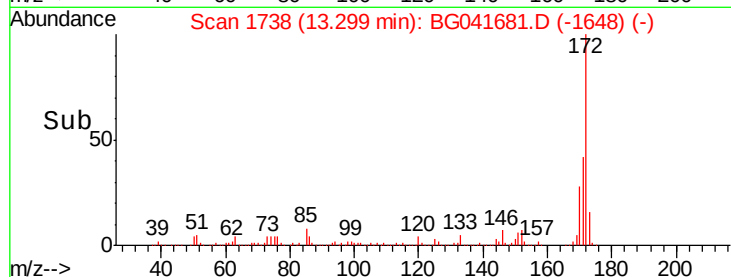
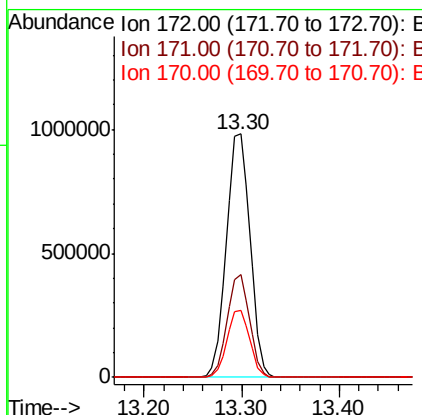
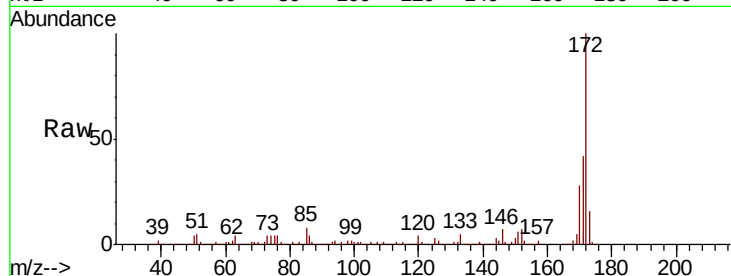
#45
2-Fluorobiphenyl
Concen: 86.682 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG041681.D
Acq: 17 Jul 2019 5:48

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
172	100		
171	42.0	35.0	52.4
170	27.6	23.5	35.3

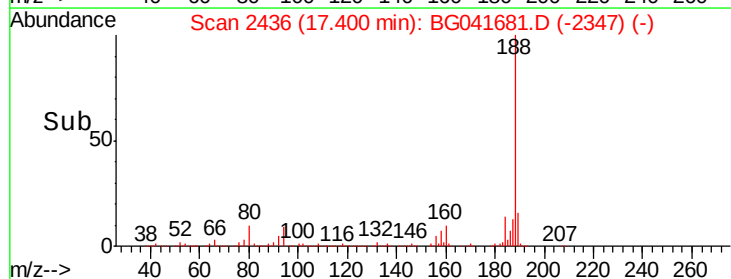
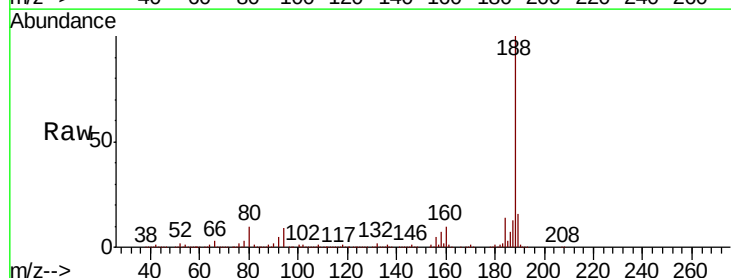
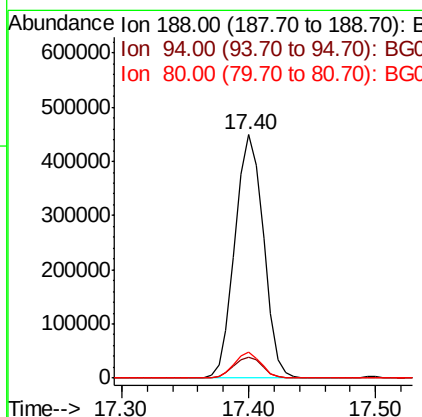
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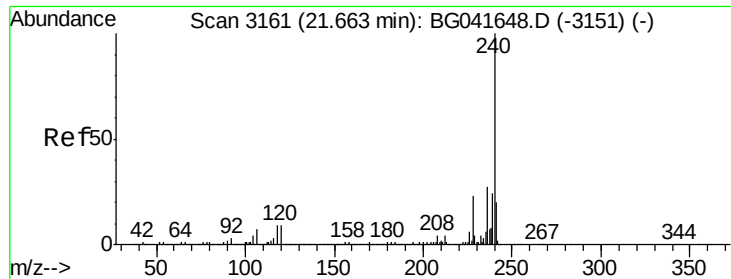
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG041681.D
Acq: 17 Jul 2019 5:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	10.4	8.0	12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041681.D

Acq: 17 Jul 2019 5:48

Instrument :

BNA_G

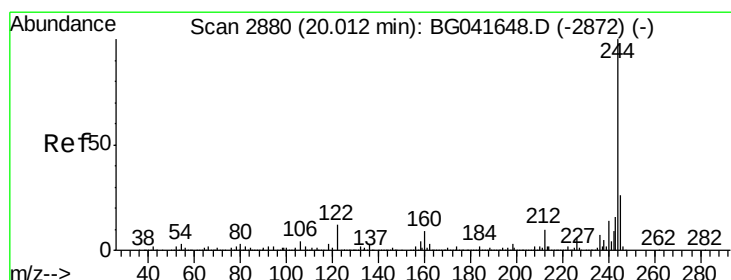
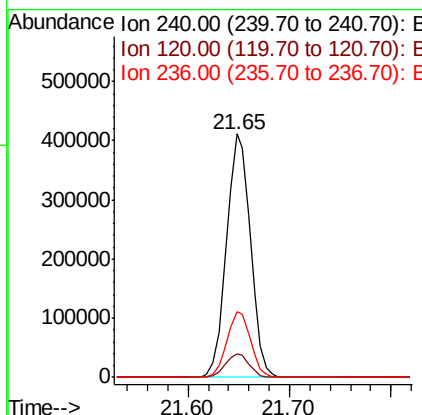
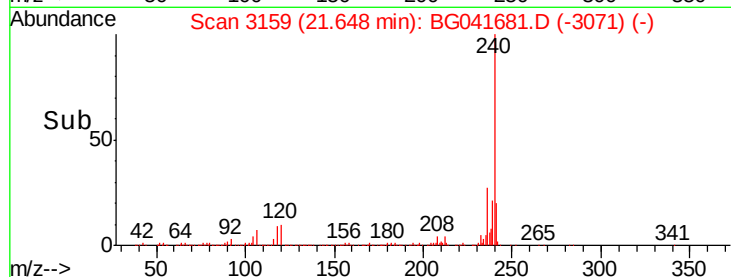
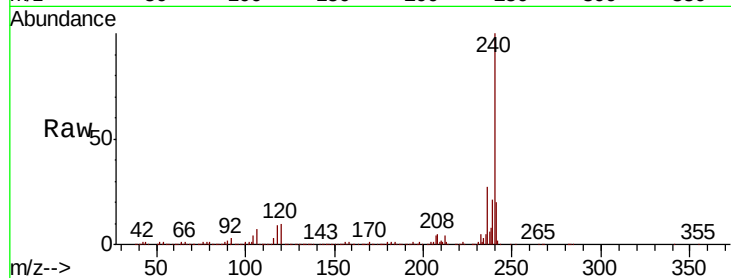
ClientSampleId :

TR-04-071519

Tot Ion:	240	Resp:	672107
Ion Ratio	Lower	Upper	
240	100		
120	9.9	8.0	12.0
236	27.1	22.6	33.8

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#79

Terphenyl-d14

Concen: 83.938 ng

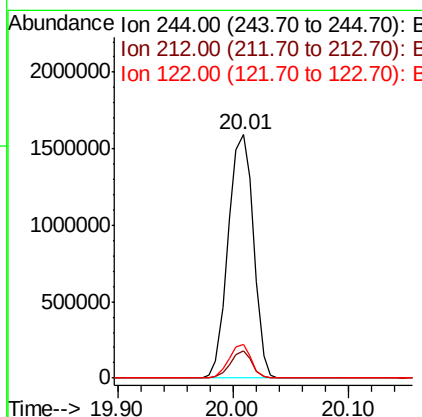
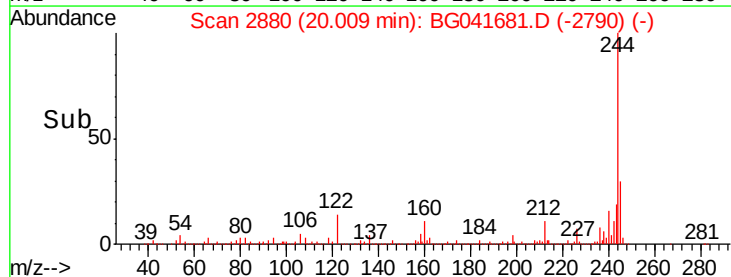
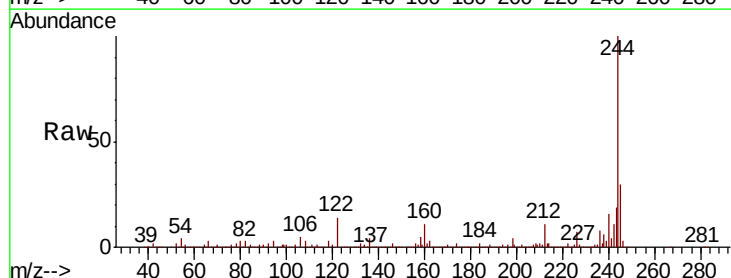
RT: 20.01 min Scan# 2880

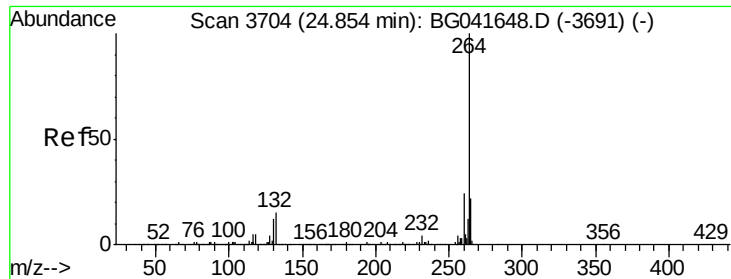
Delta R.T. -0.00 min

Lab File: BG041681.D

Acq: 17 Jul 2019 5:48

Tgt Ion:	244	Resp:	2414146
Ion Ratio	Lower	Upper	
244	100		
212	11.3	9.7	14.5
122	13.9	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: BG041681.D
 Acq: 17 Jul 2019 5:48

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-071519

Tot Ion:	264	Resp:	759986
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	22.8	18.0	27.0

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