

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041680.D
 Acq On : 17 Jul 2019 5:10
 Operator : HP/JU
 Sample : K3623-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-071519-B

Quant Time: Jul 17 07:52:29 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

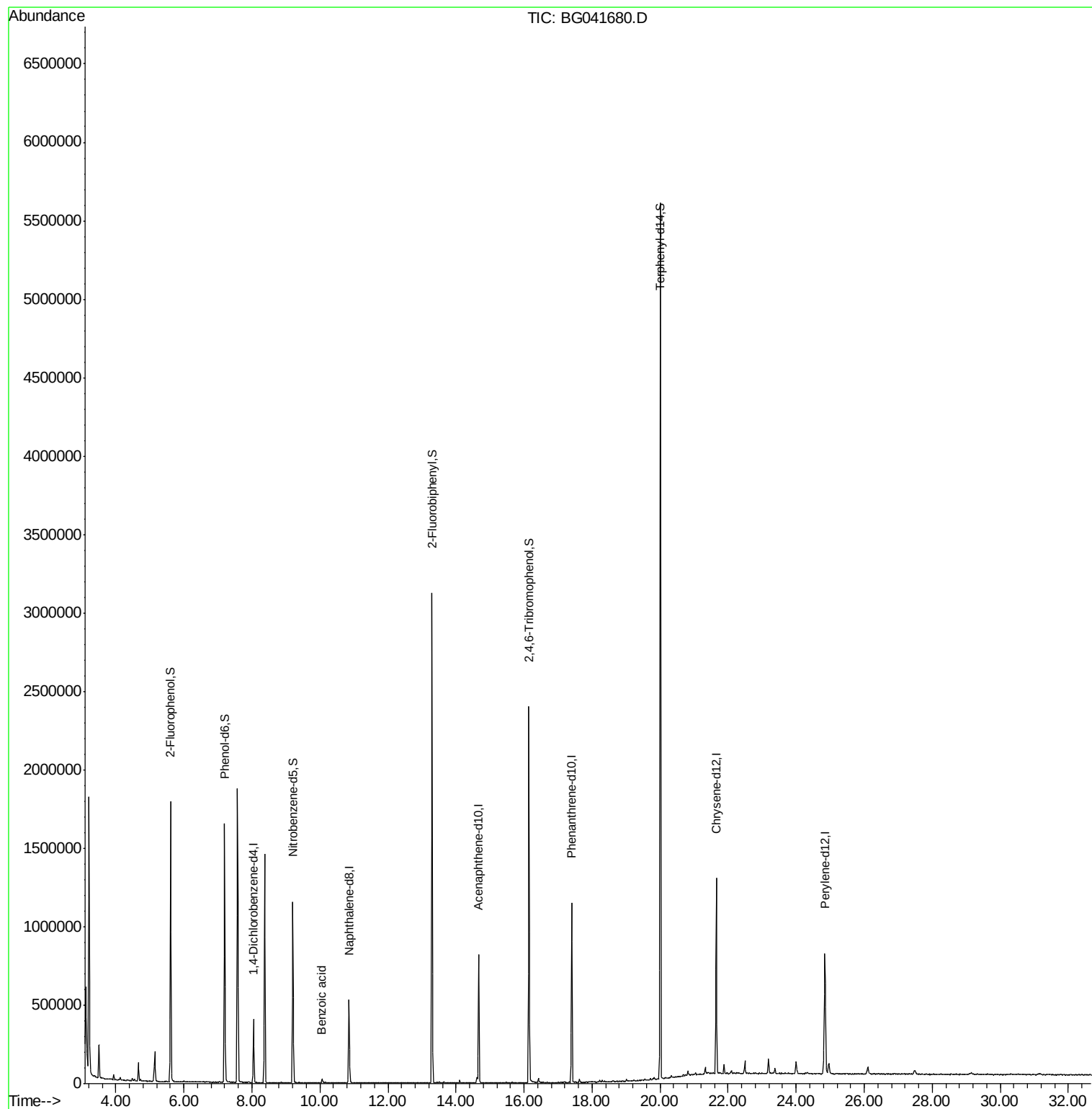
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	112854	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	455886	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	282886	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	703848	20.00	ng	0.00
76) Chrysene-d12	21.65	240	704281	20.00	ng	-0.01
87) Perylene-d12	24.85	264	796162	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	733548	106.26	ng	0.00
7) Phenol-d6	7.20	99	939458	101.18	ng	0.00
23) Nitrobenzene-d5	9.21	82	682607	91.06	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	420552	131.91	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1544133	84.52	ng	0.00
79) Terphenyl-d14	20.01	244	2452755	81.38	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.06	122	10136	7.810	ng	96

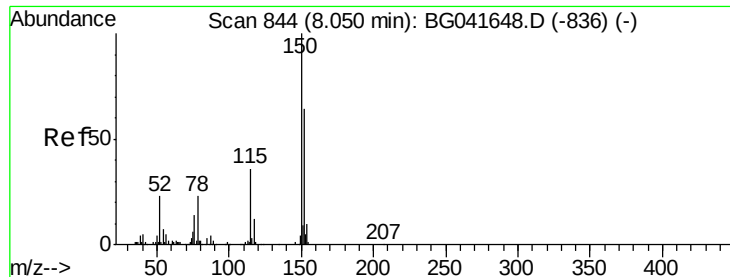
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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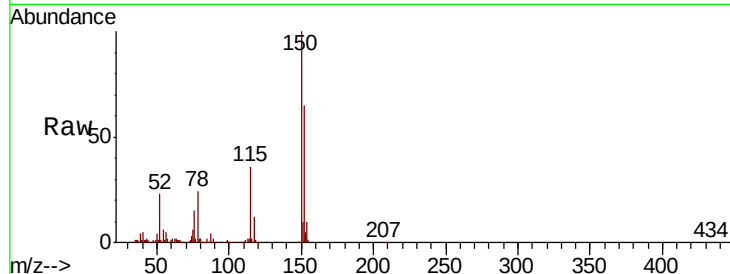


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041680.D
Acq: 17 Jul 2019 5:10

Instrument :
BNA_G
ClientSampleId :
EO-02-071519-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.9	190.3
115	55.3	45.0	67.6

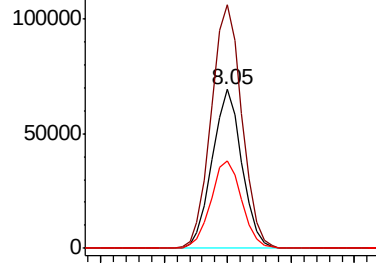


Abundance

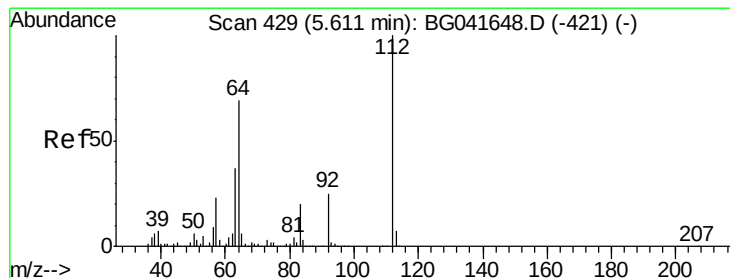
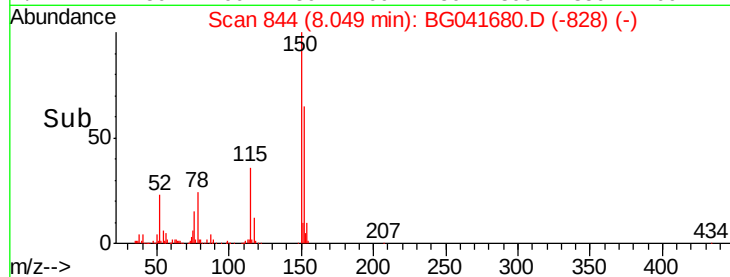
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



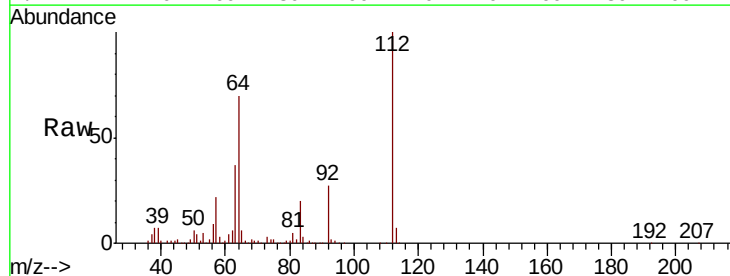
Time-->



#5

2-Fluorophenol
Concen: 106.258 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG041680.D
Acq: 17 Jul 2019 5:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	55.4	83.2
63	37.0	29.1	43.7

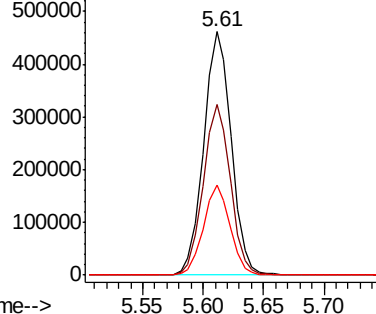


Abundance

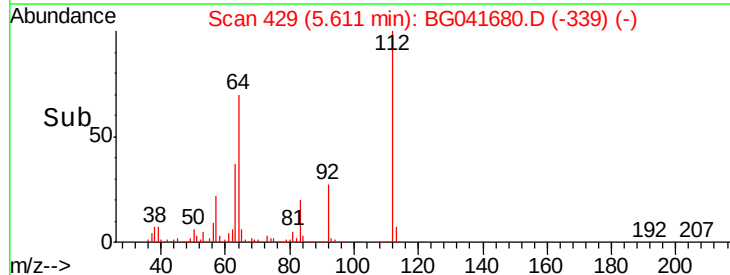
Ion 112.00 (111.70 to 112.70): E

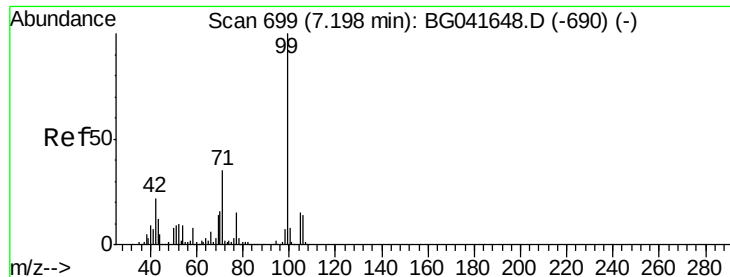
Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG



Time-->





#7

Phenol-d6

Concen: 101.175 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG041680.D

Acq: 17 Jul 2019 5:10

Instrument :

BNA_G

ClientSampleId :

EO-02-071519-B

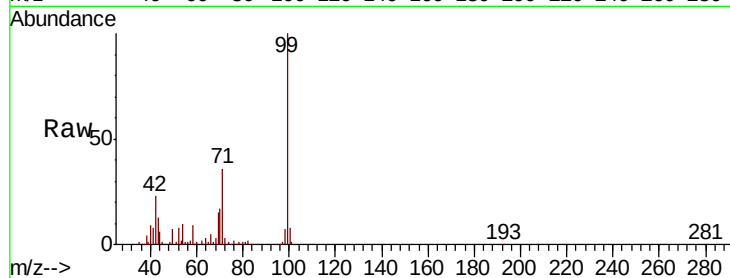
Tot Ion: 99 Resp: 939458

Ion Ratio Lower Upper

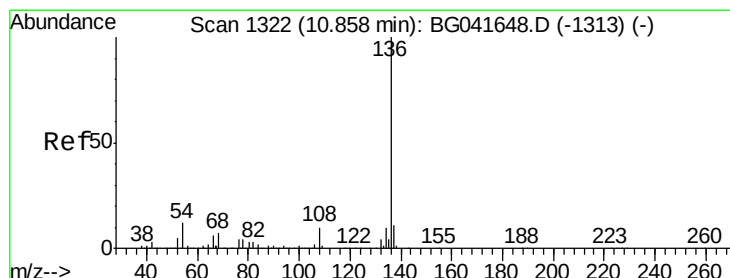
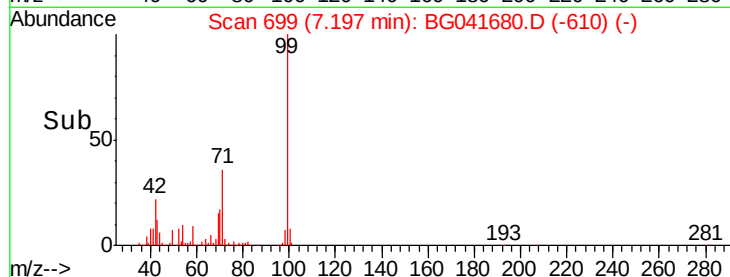
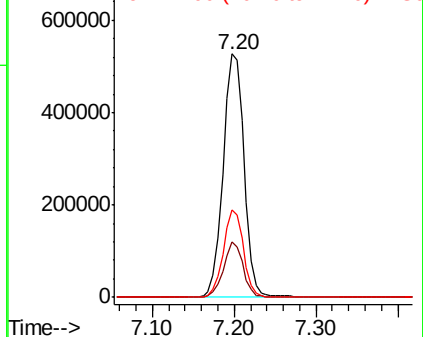
99 100

42 22.5 17.6 26.4

71 35.8 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. -0.00 min

Lab File: BG041680.D

Acq: 17 Jul 2019 5:10

Tgt Ion: 136 Resp: 455886

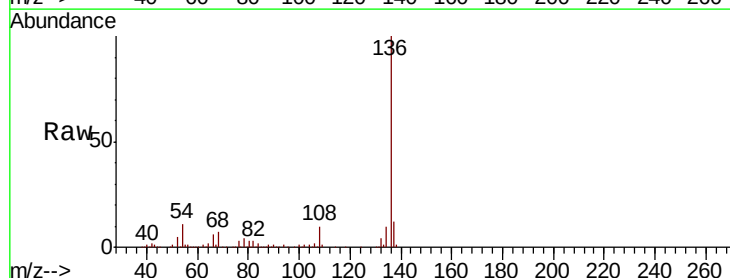
Ion Ratio Lower Upper

136 100

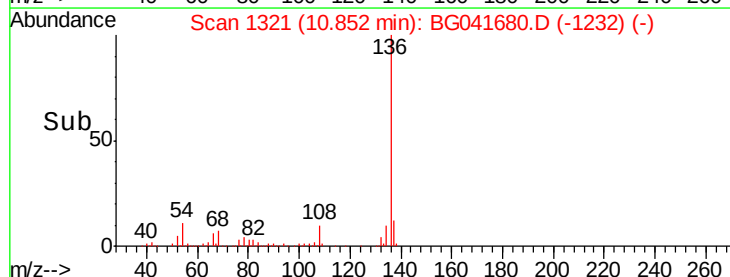
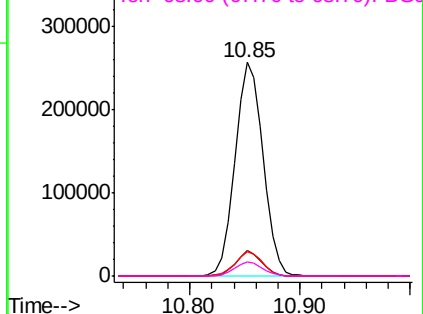
137 12.2 9.2 13.8

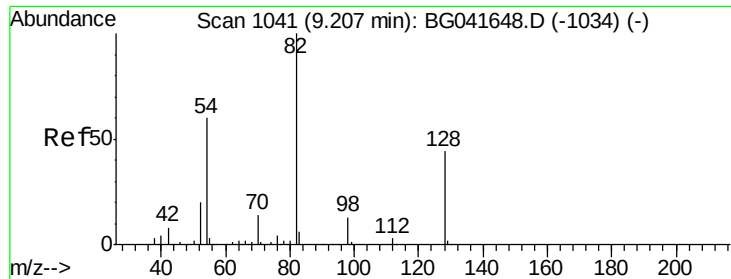
54 11.4 8.7 13.1

68 6.6 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

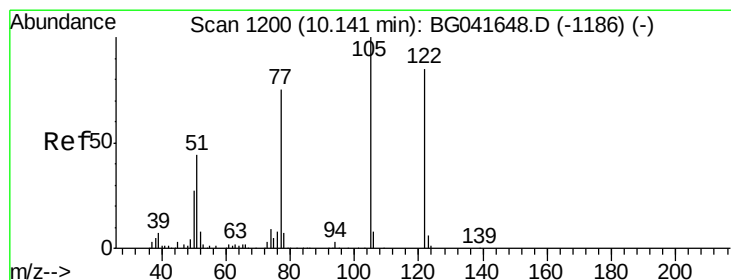
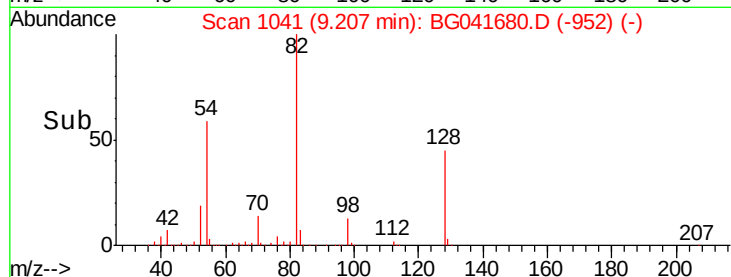
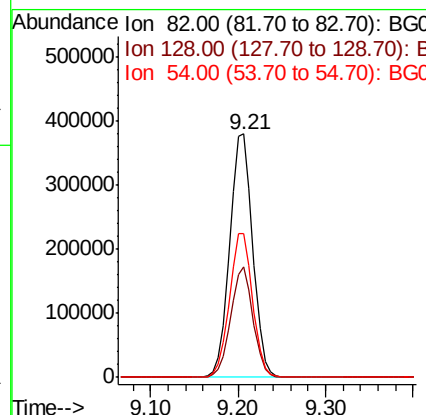
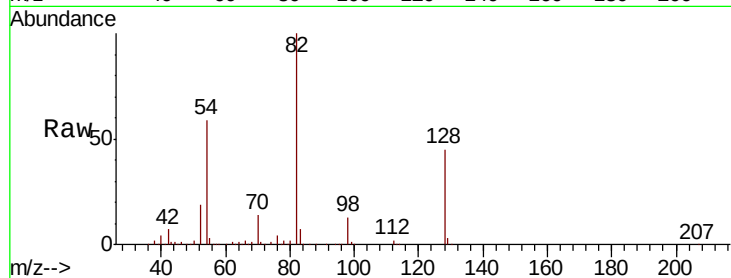




#23
 Nitrobenzene-d5
 Concen: 91.060 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041680.D
 Acq: 17 Jul 2019 5:10

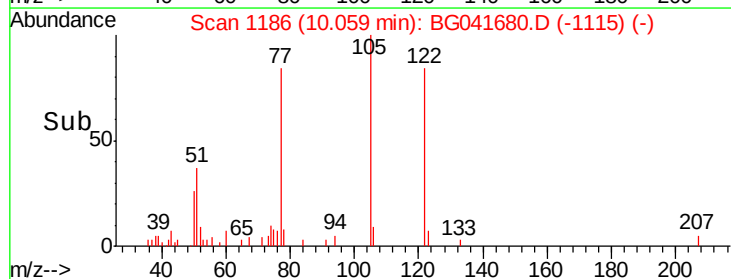
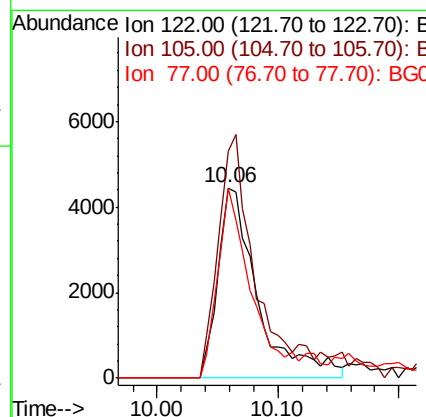
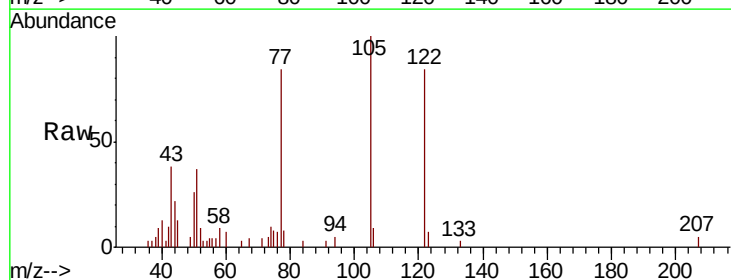
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-071519-B

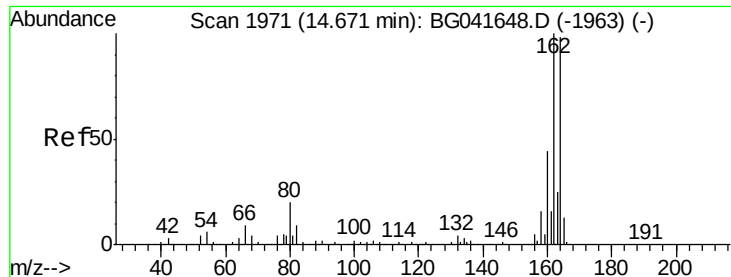
Tot Ion	82	Resp	682607
Ion Ratio	100	Lower	Upper
128	45.5	35.1	52.7
54	59.3	48.7	73.1



#32
 Benzoic acid
 Concen: 7.810 ng
 RT: 10.06 min Scan# 1186
 Delta R.T. -0.11 min
 Lab File: BG041680.D
 Acq: 17 Jul 2019 5:10

Tgt Ion	122	Resp	10136
Ion Ratio	100	Lower	Upper
105	119.3	101.5	141.5
77	100.0	73.0	113.0

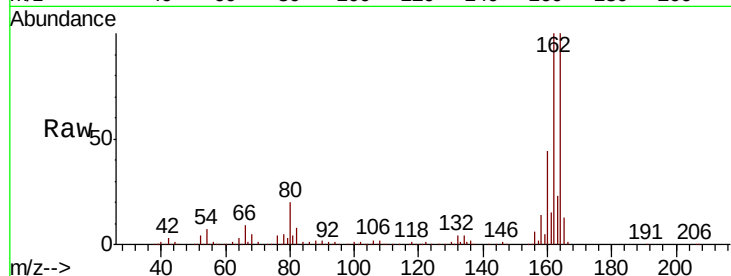




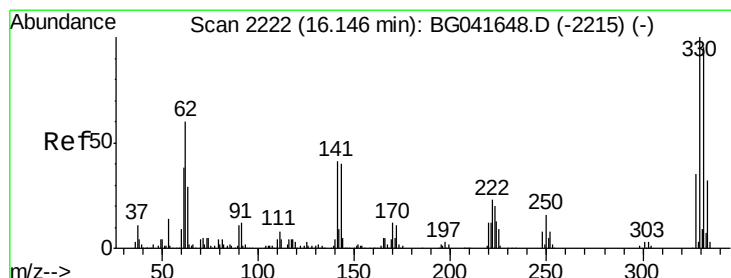
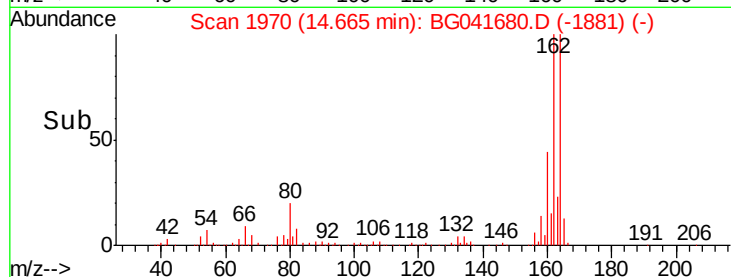
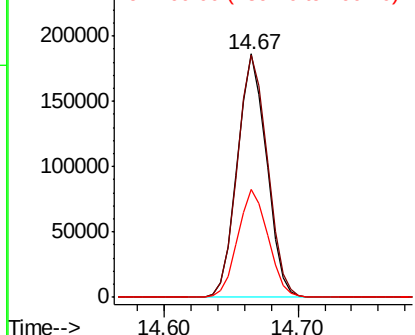
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG041680.D
Acq: 17 Jul 2019 5:10

Instrument :
BNA_G
ClientSampleId :
EO-02-071519-B

Tot Ion:164 Resp: 282886
Ion Ratio Lower Upper
164 100
162 99.7 79.6 119.4
160 44.2 35.4 53.0

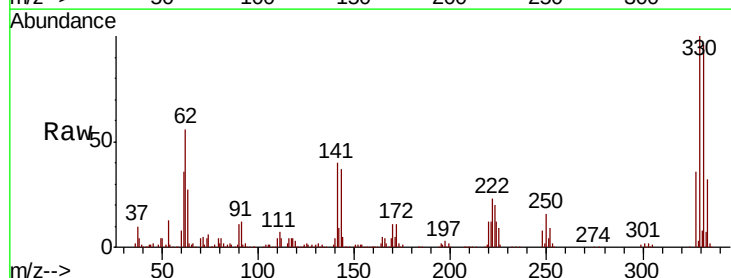


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

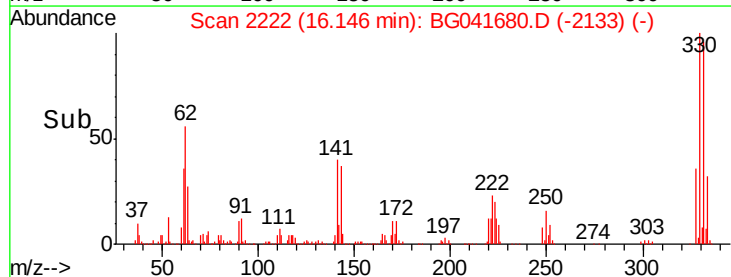
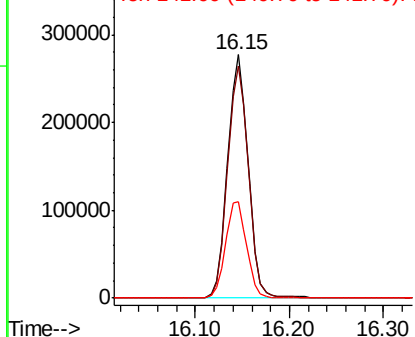


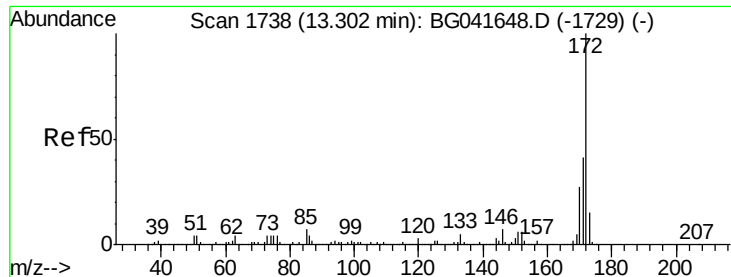
#42
2,4,6-Tribromophenol
Concen: 131.914 ng
RT: 16.15 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG041680.D
Acq: 17 Jul 2019 5:10

Tgt Ion:330 Resp: 420552
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 40.8 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



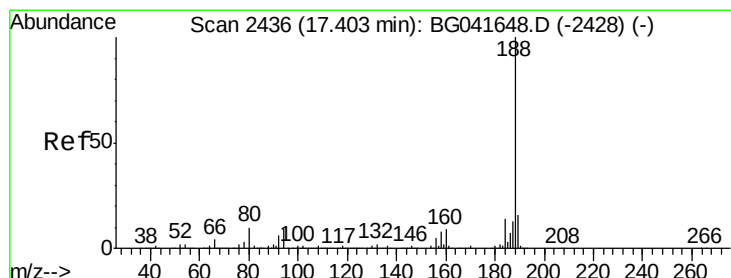
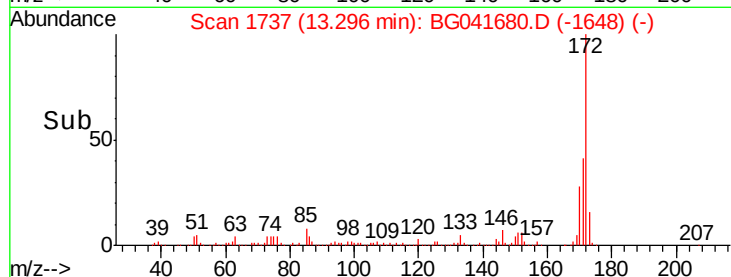
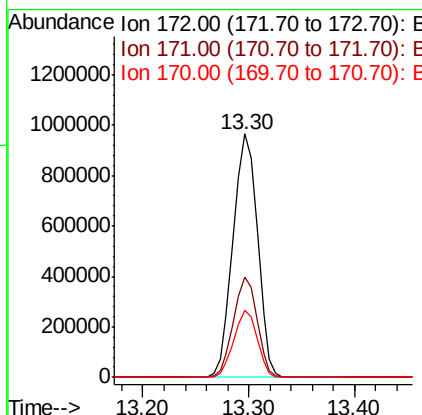
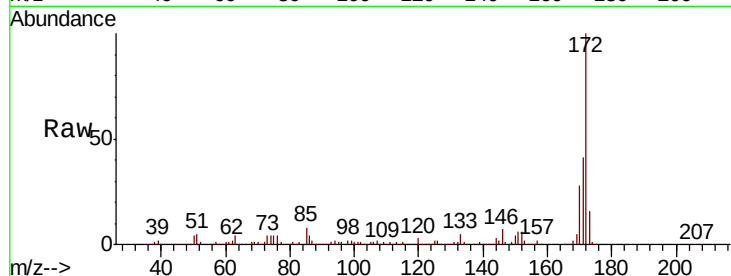


#45
 2-Fluorobiphenyl
 Concen: 84.525 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041680.D
 Acq: 17 Jul 2019 5:10

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-071519-B

Tot Ion:172 Resp: 1544133

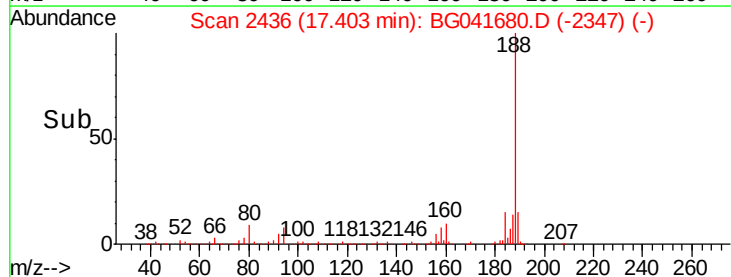
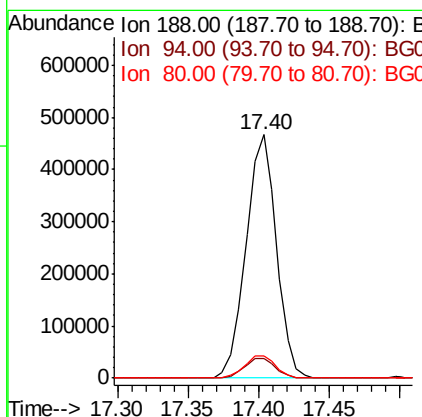
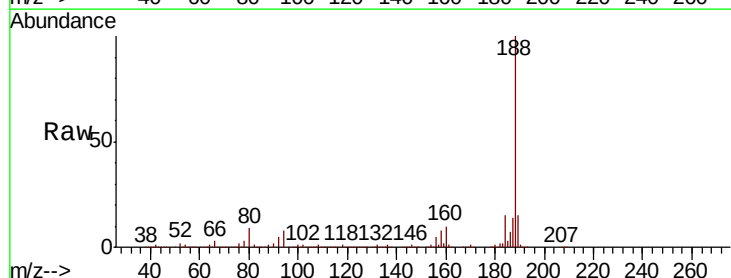
Ion	Ratio	Lower	Upper
172	100		
171	40.9	35.0	52.4
170	27.7	23.5	35.3

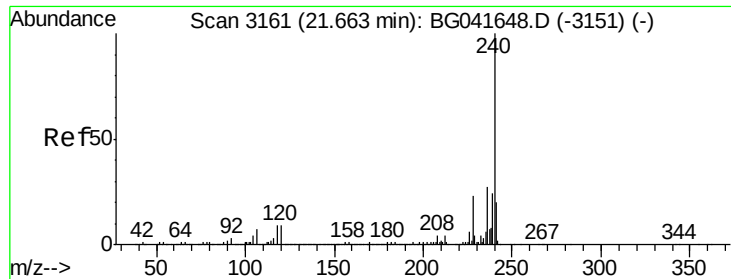


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BG041680.D
 Acq: 17 Jul 2019 5:10

Tgt Ion:188 Resp: 703848

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	9.1	8.0	12.0

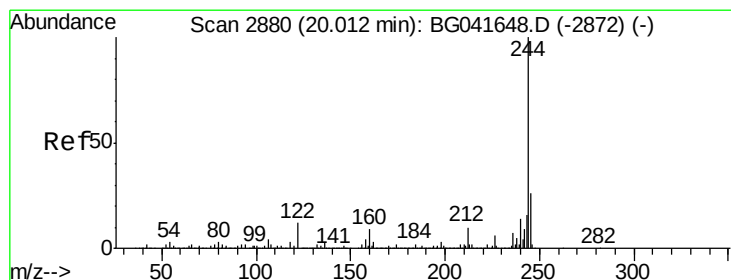
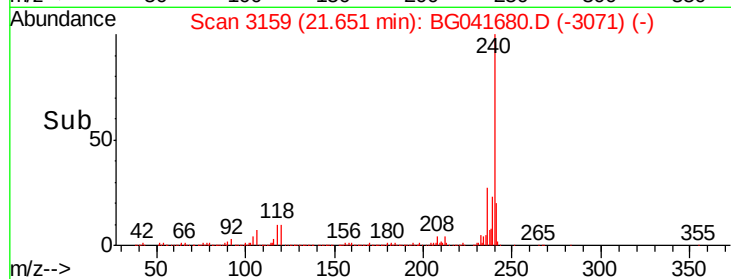
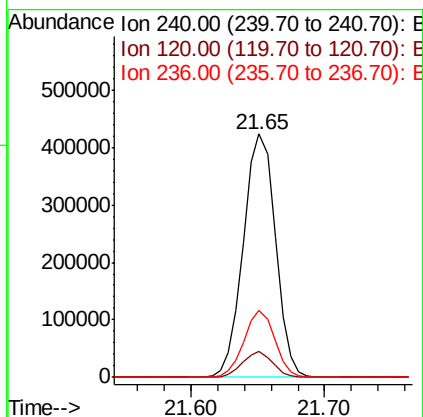
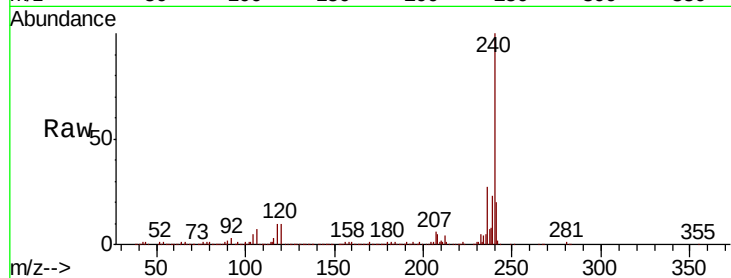




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG041680.D
Acq: 17 Jul 2019 5:10

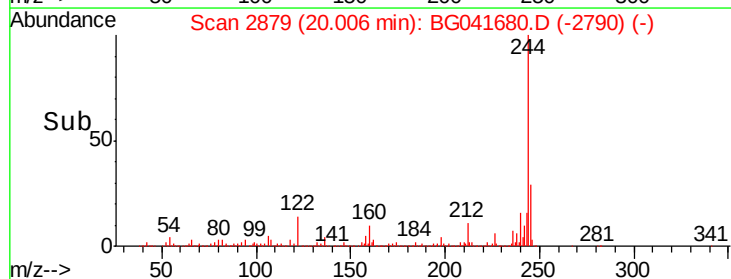
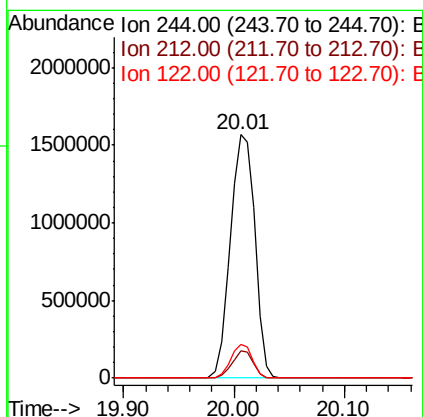
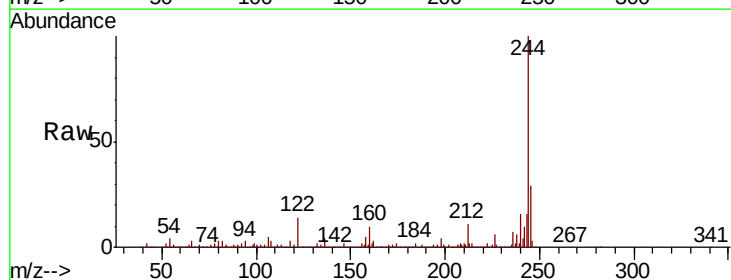
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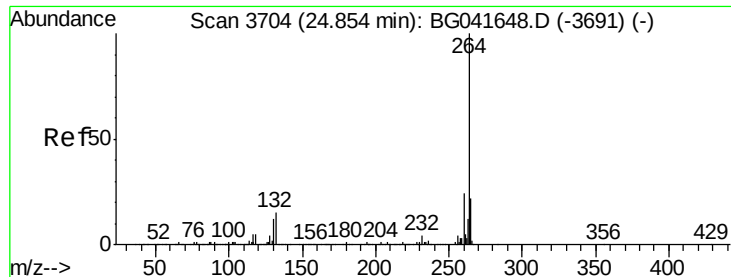
Tot Ion:240 Resp: 704281
Ion Ratio Lower Upper
240 100
120 10.4 8.0 12.0
236 27.3 22.6 33.8



#79
Terphenyl-d14
Concen: 81.385 ng
RT: 20.01 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG041680.D
Acq: 17 Jul 2019 5:10

Tgt Ion:244 Resp: 2452755
Ion Ratio Lower Upper
244 100
212 11.0 9.7 14.5
122 14.1 12.5 18.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG041680.D
Acq: 17 Jul 2019 5:10

Instrument :
BNA_G
ClientSampleId :
EO-02-071519-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.2	18.0	27.0

