

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041671.D
 Acq On : 16 Jul 2019 16:59
 Operator : HP/JU
 Sample : K3620-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-071219-C

Quant Time: Jul 17 03:13:45 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	97528	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	403104	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	254262	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	614014	20.00	ng	0.00
76) Chrysene-d12	21.65	240	614640	20.00	ng	-0.01
87) Perylene-d12	24.85	264	694236	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	684471	114.73	ng	0.00
7) Phenol-d6	7.20	99	880014	109.67	ng	0.00
23) Nitrobenzene-d5	9.21	82	637931	96.24	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	412118	143.82	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1491352	90.83	ng	0.00
79) Terphenyl-d14	20.01	244	2370042	90.11	ng	0.00

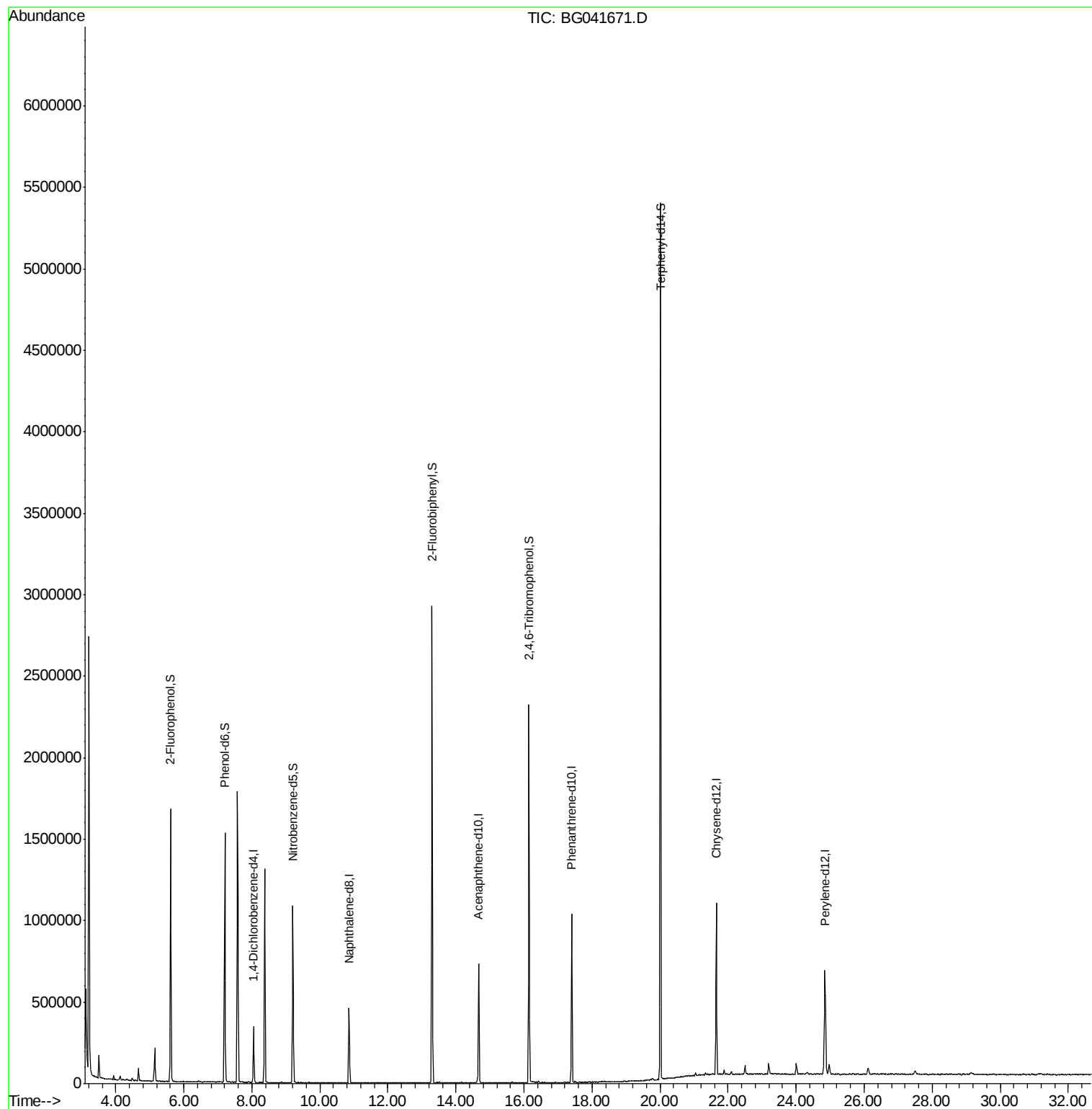
Target Compounds Qvalue

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

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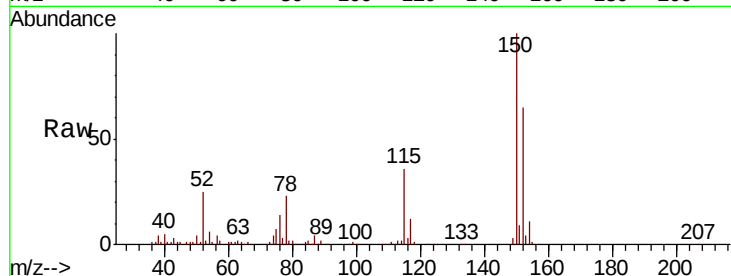


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041671.D
Acq: 16 Jul 2019 16:59

Instrument :
BNA_G
ClientSampleId :
CL-01-071219-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.9	190.3
115	55.7	45.0	67.6

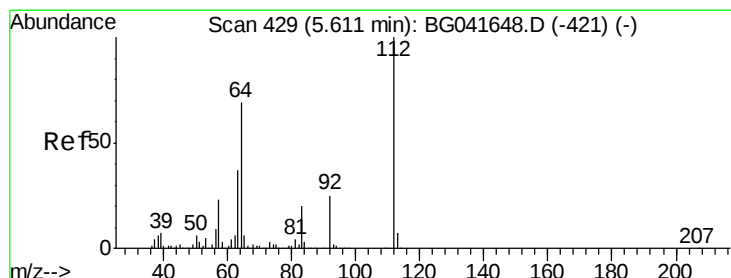
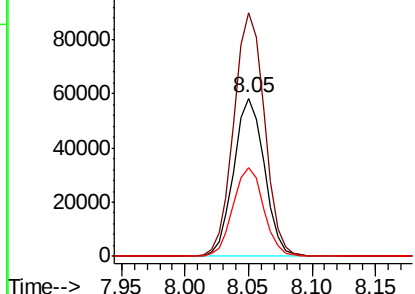
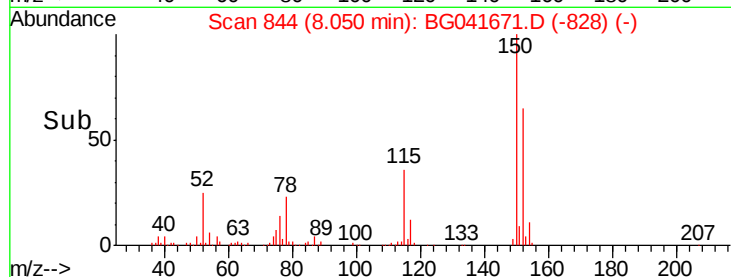


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

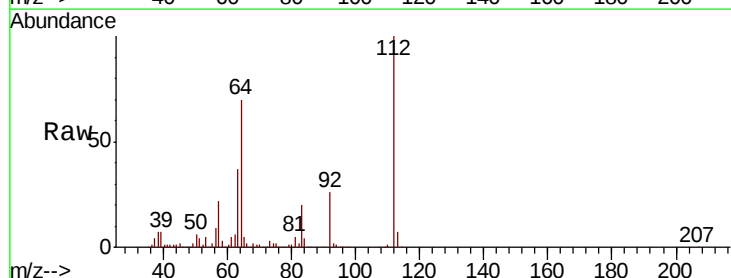
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.730 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG041671.D
Acq: 16 Jul 2019 16:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	55.4	83.2
63	36.5	29.1	43.7

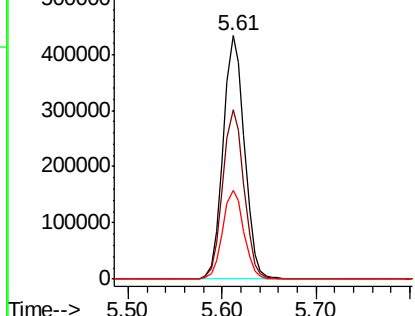
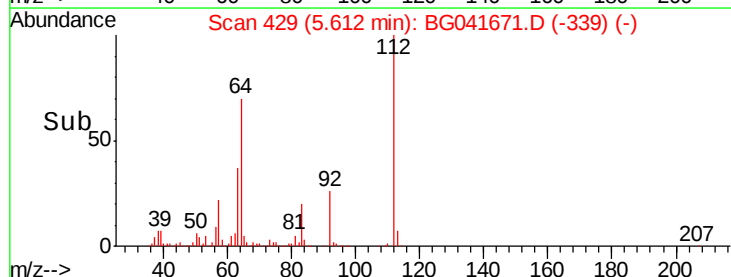


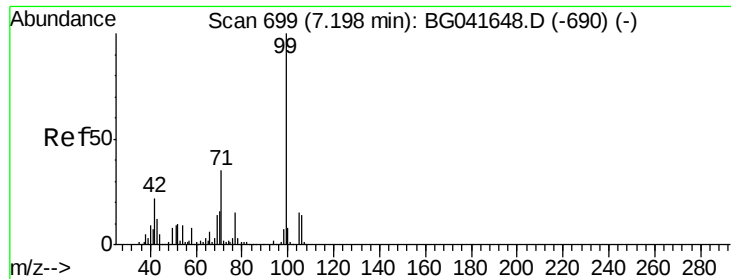
Abundance

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: 109.667 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041671.D

Acq: 16 Jul 2019 16:59

Instrument :

BNA_G

ClientSampleId :

CL-01-071219-C

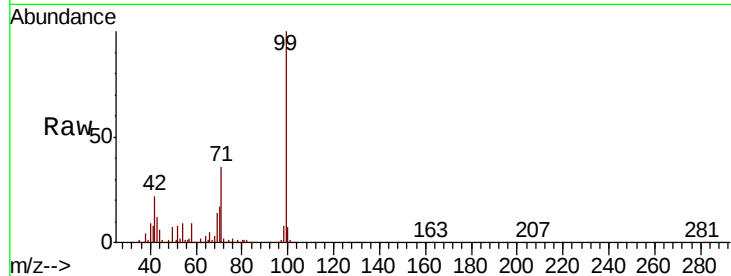
Tot Ion: 99 Resp: 880014

Ion Ratio Lower Upper

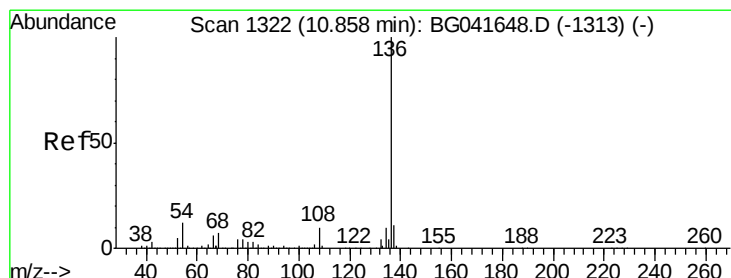
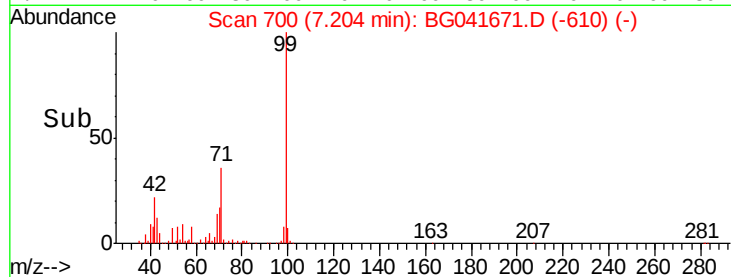
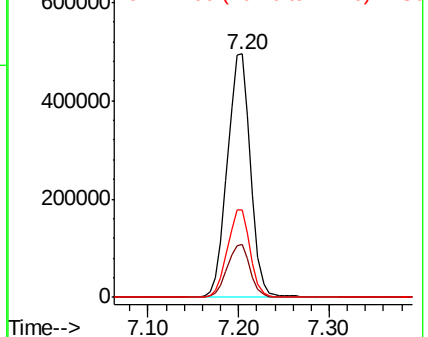
99 100

42 21.7 17.6 26.4

71 35.7 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: BG041671.D

Acq: 16 Jul 2019 16:59

Tgt Ion: 136 Resp: 403104

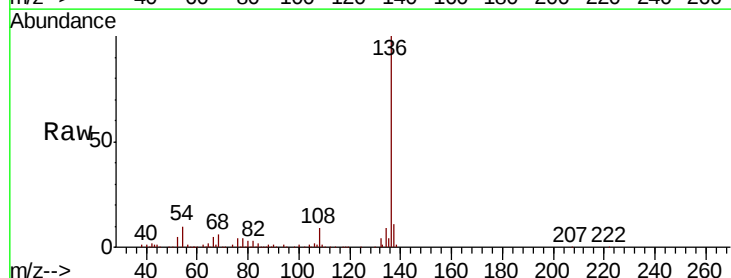
Ion Ratio Lower Upper

136 100

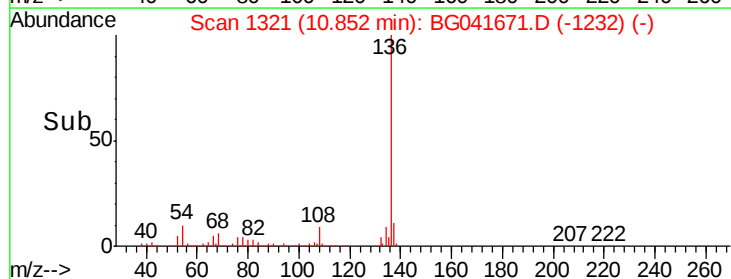
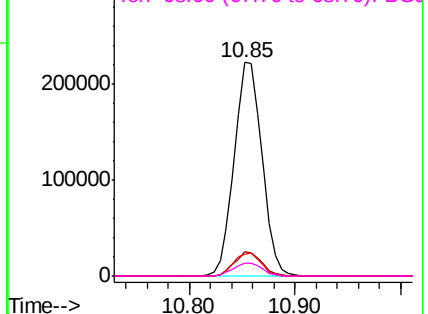
137 11.4 9.2 13.8

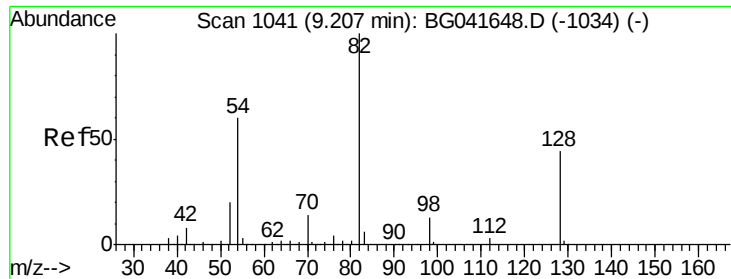
54 10.1 8.7 13.1

68 6.1 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

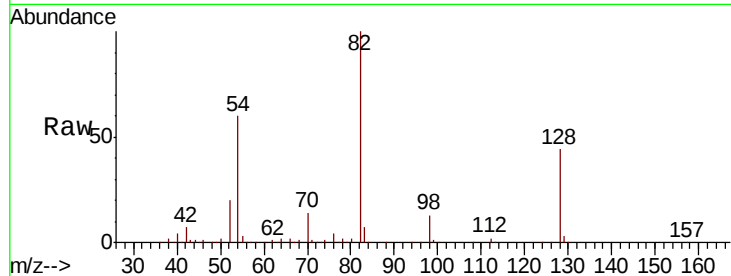




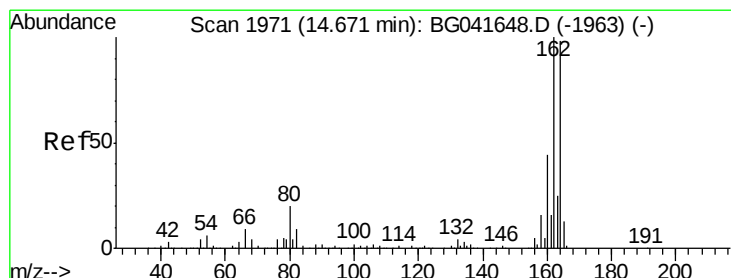
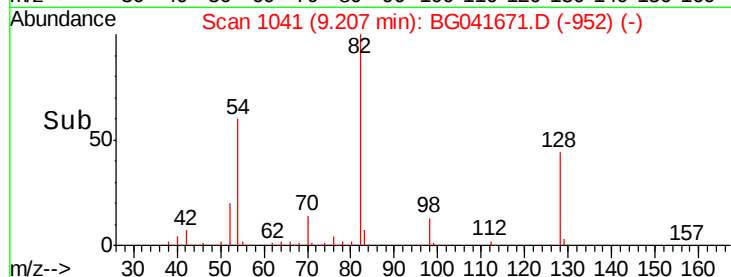
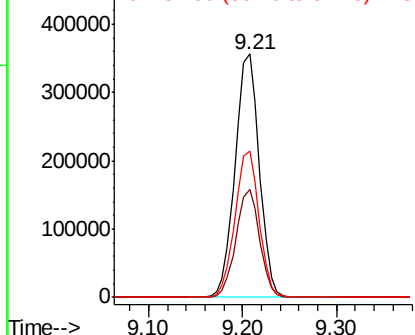
#23
 Nitrobenzene-d5
 Concen: 96.243 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041671.D
 Acq: 16 Jul 2019 16:59

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-071219-C

Tot Ion	82	Resp	637931
Ion Ratio	100	Lower	Upper
128	44.3	35.1	52.7
54	60.3	48.7	73.1

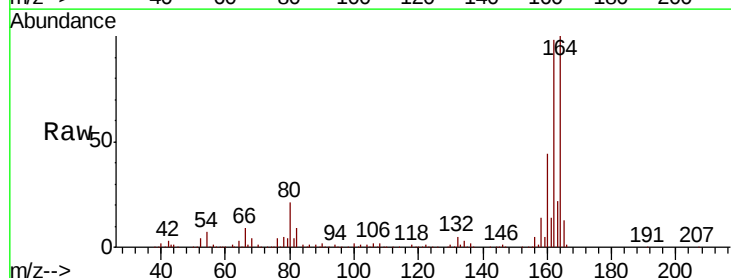


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

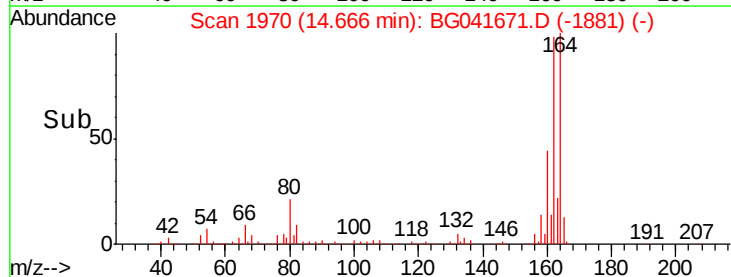
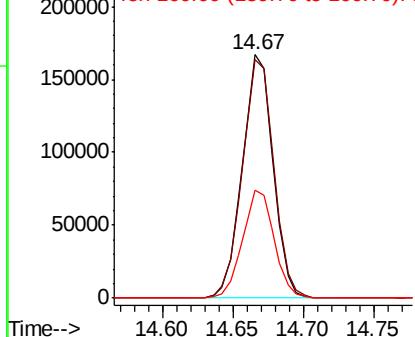


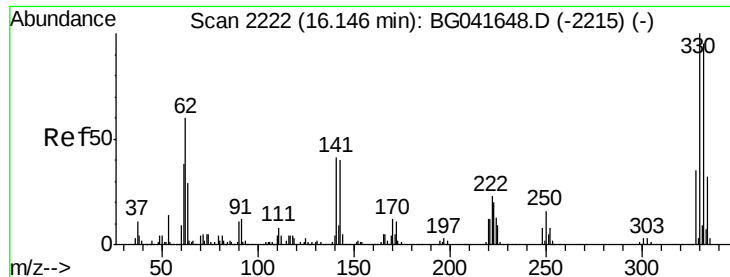
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG041671.D
 Acq: 16 Jul 2019 16:59

Tgt Ion	164	Resp	254262
Ion Ratio	100	Lower	Upper
162	97.9	79.6	119.4
160	44.4	35.4	53.0



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

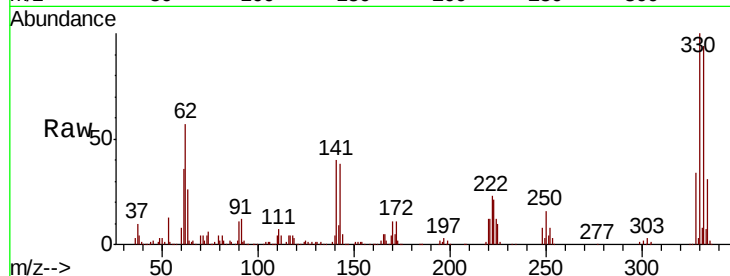




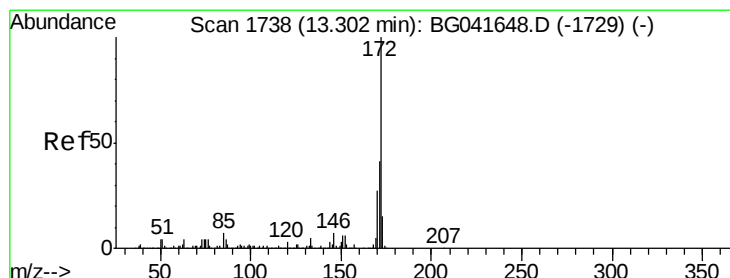
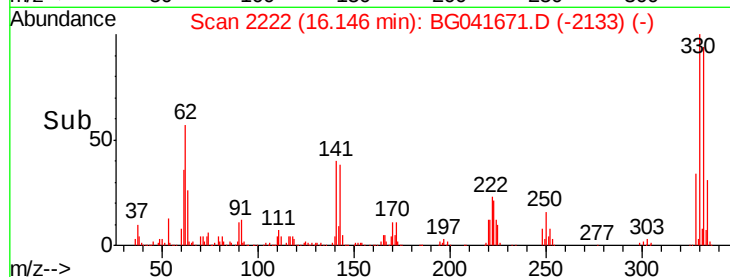
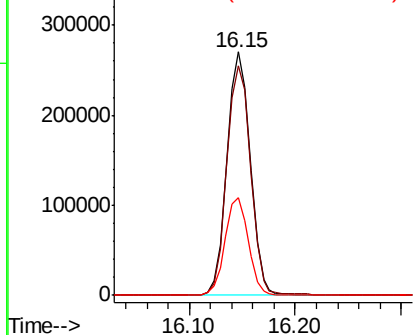
#42
 2,4,6-Tribromophenol
 Concen: 143.821 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG041671.D
 Acq: 16 Jul 2019 16:59

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-071219-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	40.2	31.9	47.9

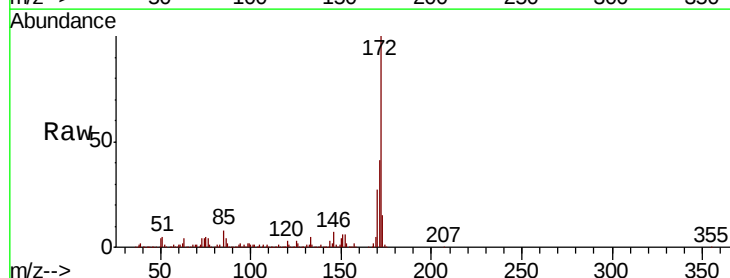


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

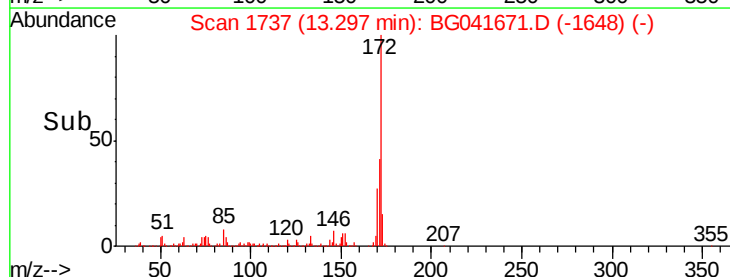
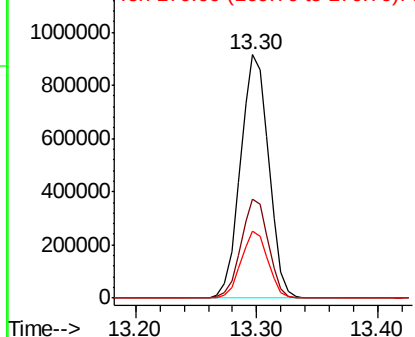


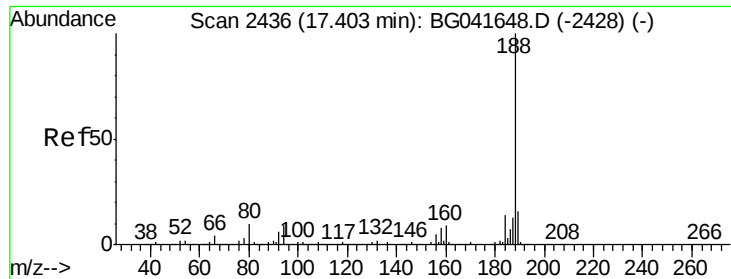
#45
 2-Fluorobiphenyl
 Concen: 90.826 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041671.D
 Acq: 16 Jul 2019 16:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.8	35.0	52.4
170	27.3	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

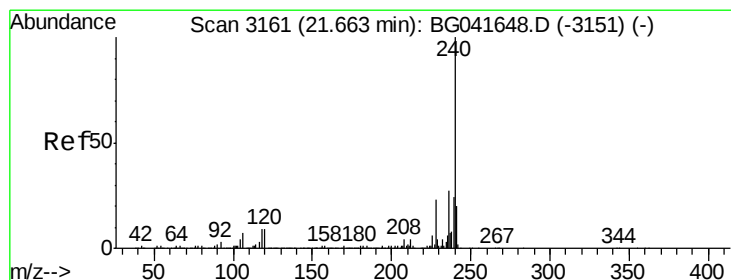
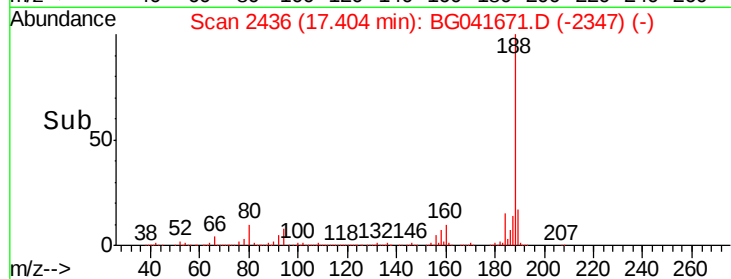
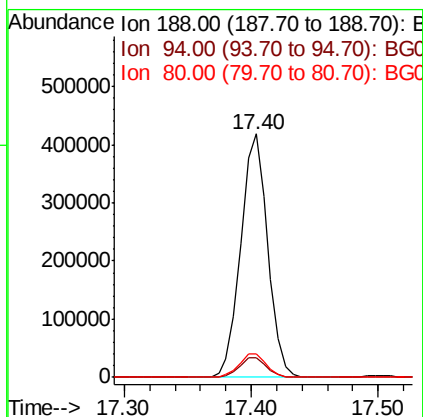
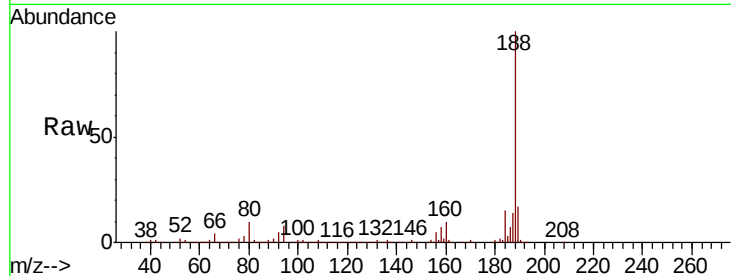




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG041671.D
Acq: 16 Jul 2019 16:59

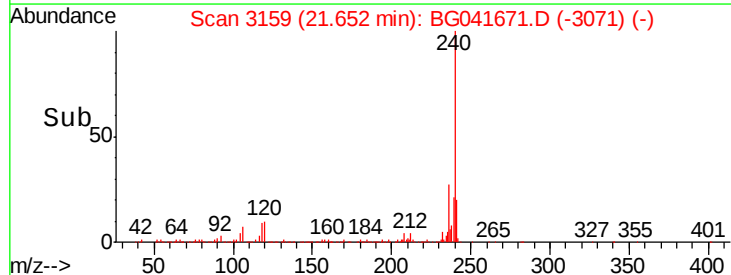
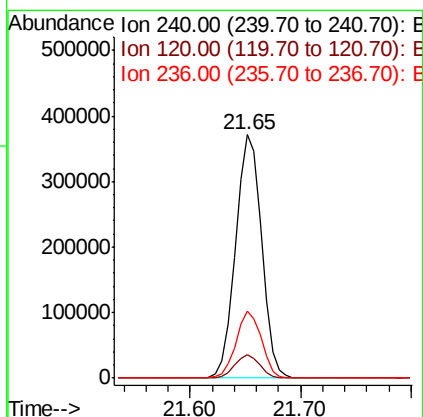
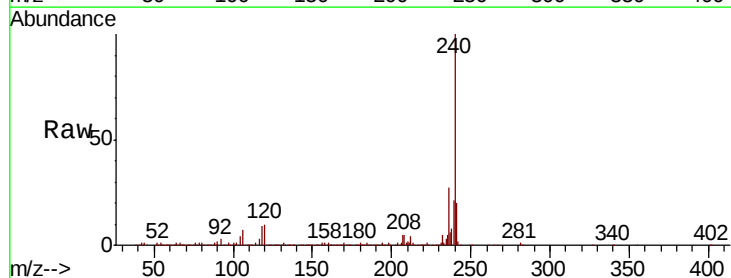
Instrument :
BNA_G
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CL-01-071219-C

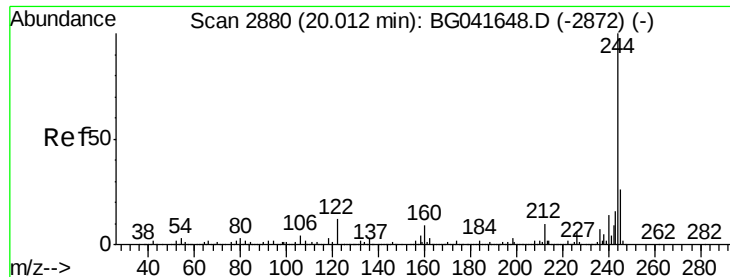
Tot Ion:188 Resp: 614014
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 9.6 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG041671.D
Acq: 16 Jul 2019 16:59

Tgt Ion:240 Resp: 614640
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 27.3 22.6 33.8





#79

Terphenyl-d14

Concen: 90.110 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG041671.D

Acq: 16 Jul 2019 16:59

Instrument :

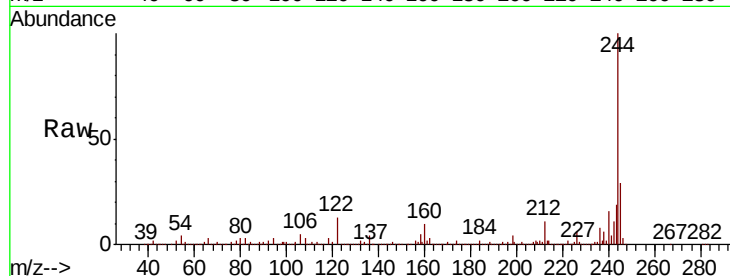
BNA_G

ClientSampleId :

CL-01-071219-C

Tot Ion:244 Resp: 2370042

Ion	Ratio	Lower	Upper
244	100		
212	10.8	9.7	14.5
122	13.2	12.5	18.7

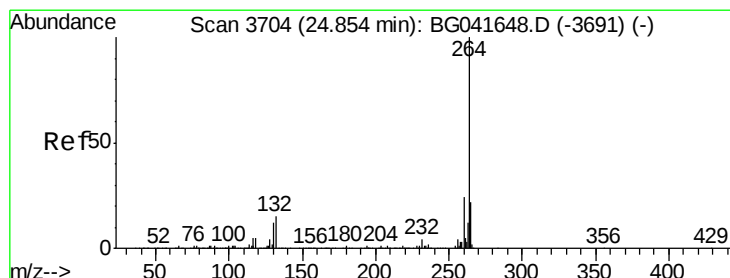
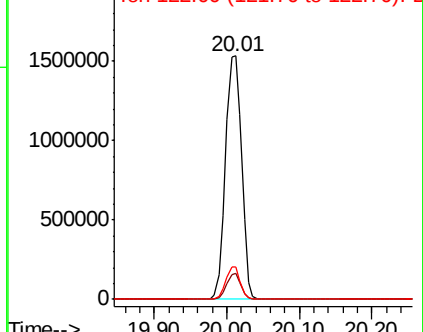
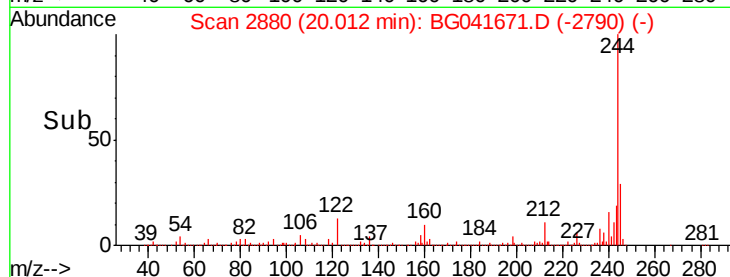


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3703

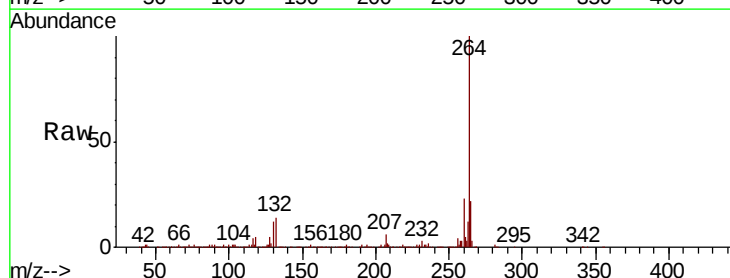
Delta R.T. -0.02 min

Lab File: BG041671.D

Acq: 16 Jul 2019 16:59

Tgt Ion:264 Resp: 694236

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.7	18.0	27.0



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

