

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041670.D
 Acq On : 16 Jul 2019 16:21
 Operator : HP/JU
 Sample : K3620-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 17 03:26:10 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	102416	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	427324	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	268452	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	658341	20.00	ng	0.00
76) Chrysene-d12	21.65	240	642335	20.00	ng	0.00
87) Perylene-d12	24.85	264	728263	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	716264	114.33	ng	0.00
7) Phenol-d6	7.20	99	909120	107.89	ng	0.00
23) Nitrobenzene-d5	9.20	82	669355	95.26	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	437504	144.61	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1561226	90.06	ng	0.00
79) Terphenyl-d14	20.01	244	2393864	87.09	ng	0.00

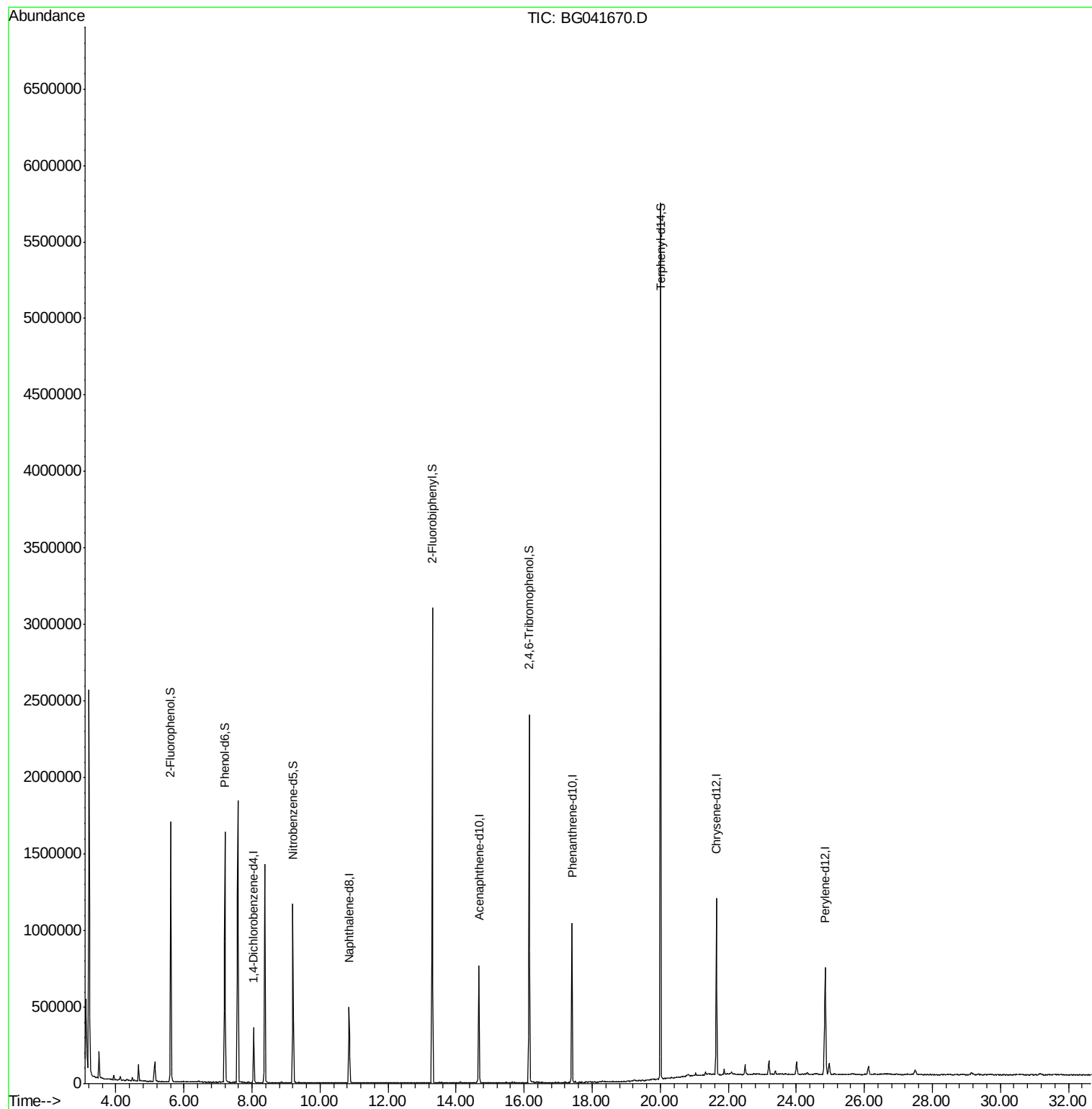
Target Compounds Qvalue

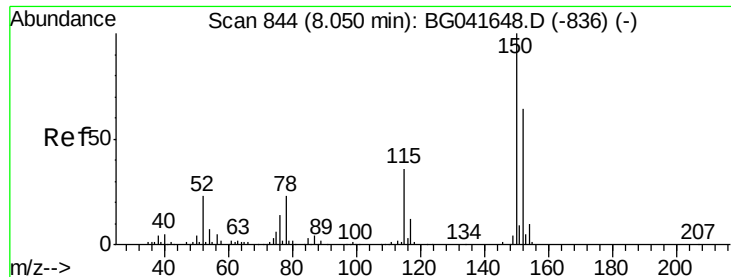
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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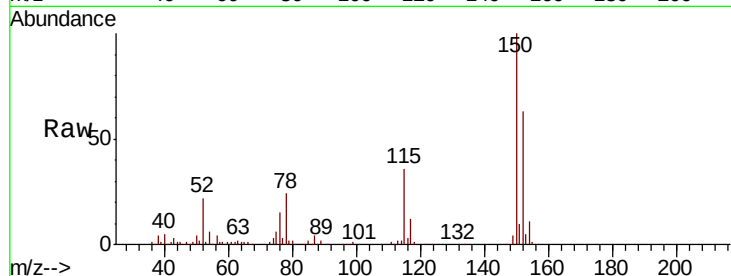


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041670.D
Acq: 16 Jul 2019 16:21

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.9	190.3
115	57.1	45.0	67.6

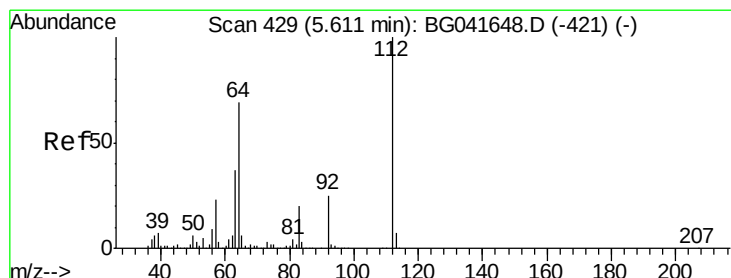
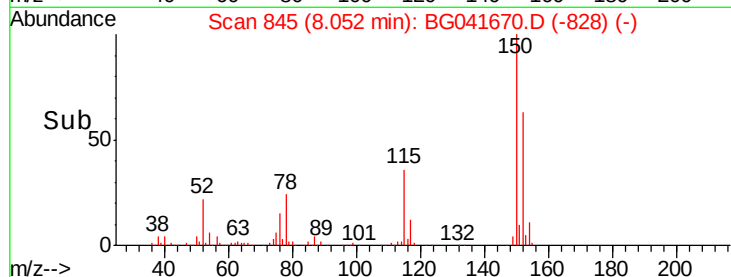
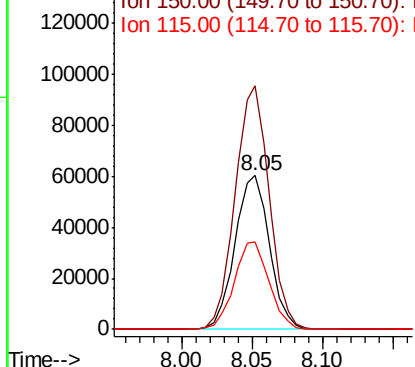


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

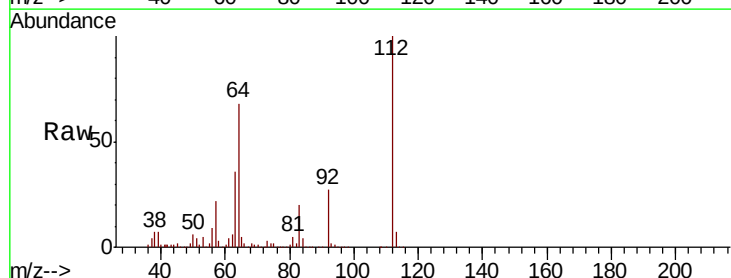
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.329 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG041670.D
Acq: 16 Jul 2019 16:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	55.4	83.2
63	35.8	29.1	43.7

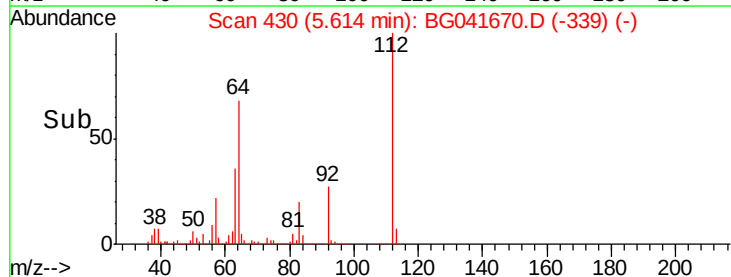
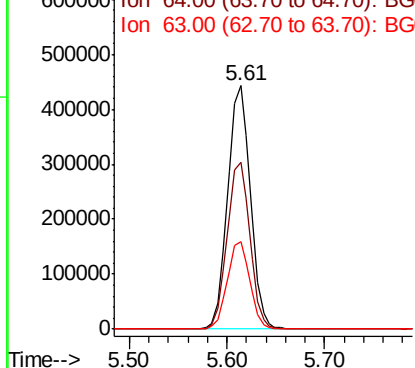


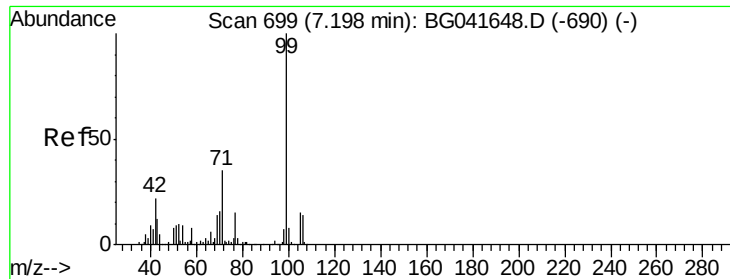
Abundance

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: 107.887 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041670.D

Acq: 16 Jul 2019 16:21

Instrument :

BNA_G

ClientSampleId :

CL-01-071219-D

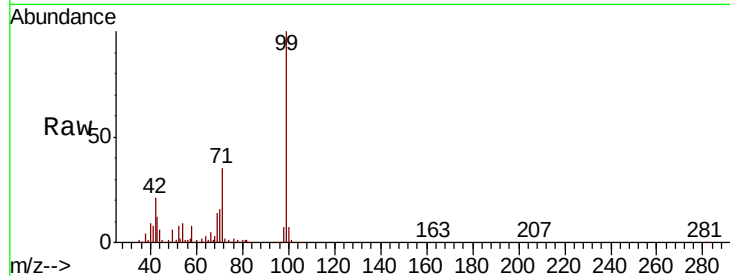
Tot Ion: 99 Resp: 909120

Ion Ratio Lower Upper

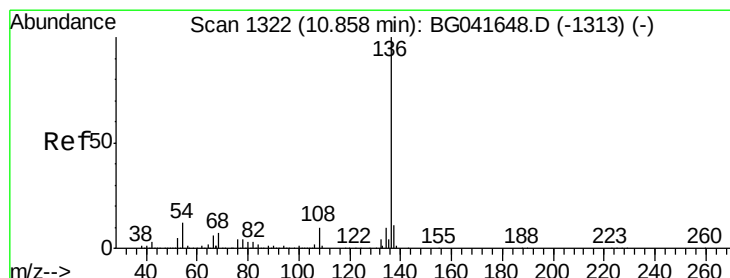
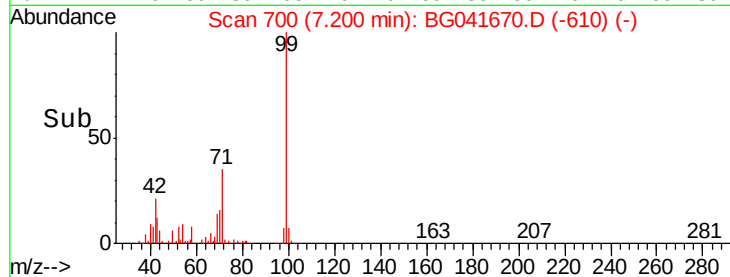
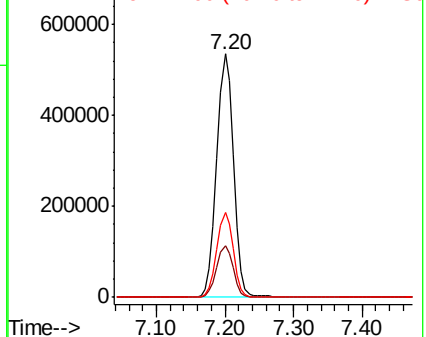
99 100

42 21.4 17.6 26.4

71 35.0 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# 1322

Delta R.T. -0.00 min

Lab File: BG041670.D

Acq: 16 Jul 2019 16:21

Tgt Ion: 136 Resp: 427324

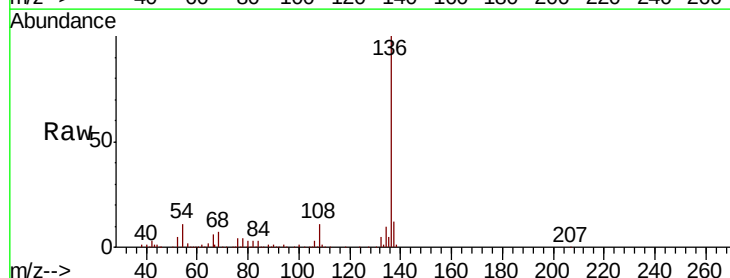
Ion Ratio Lower Upper

136 100

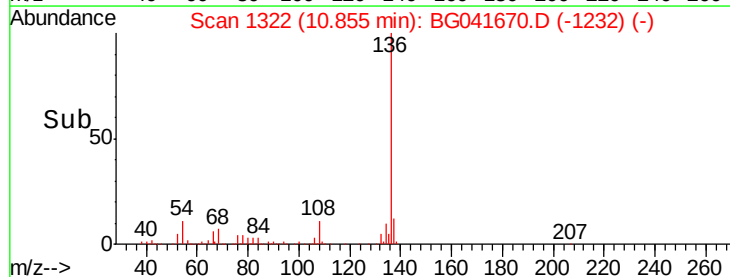
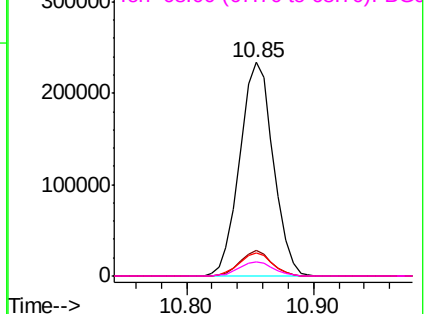
137 12.0 9.2 13.8

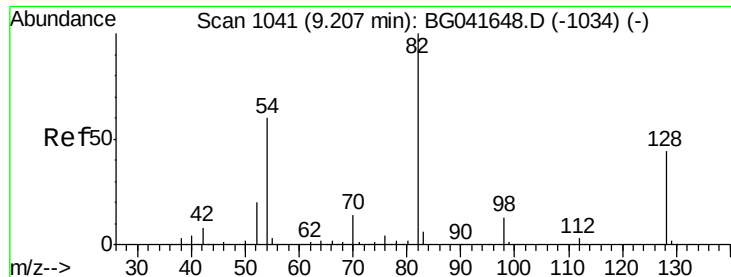
54 11.1 8.7 13.1

68 6.9 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

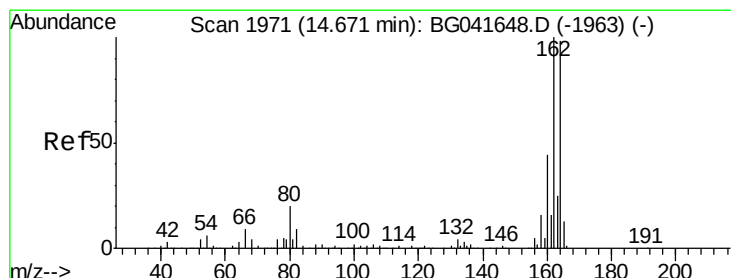
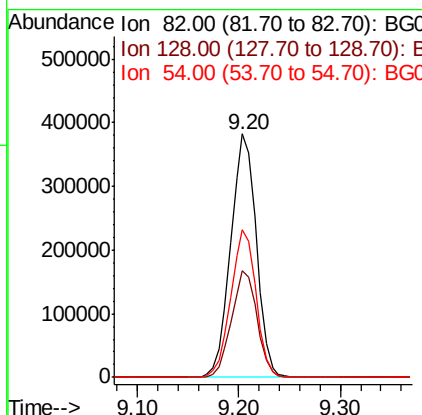
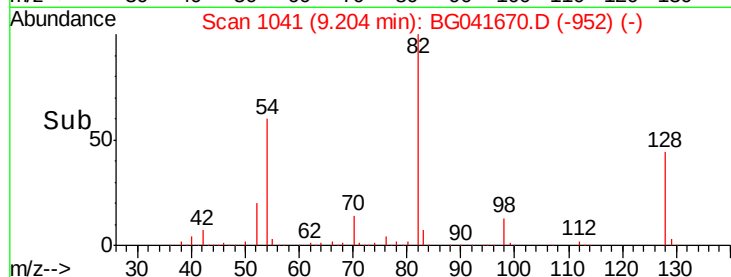
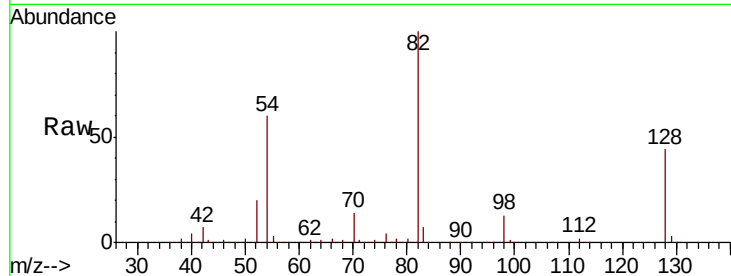




#23
 Nitrobenzene-d5
 Concen: 95.260 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041670.D
 Acq: 16 Jul 2019 16:21

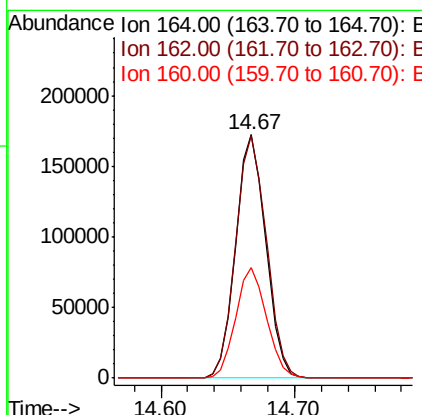
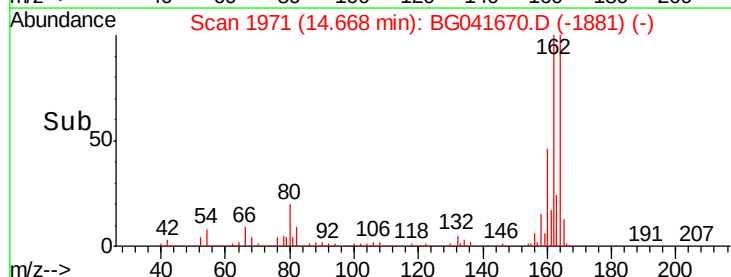
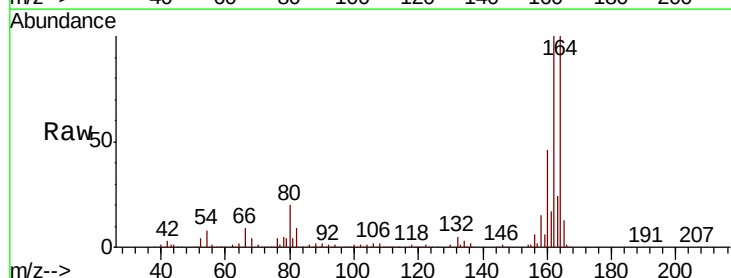
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-071219-D

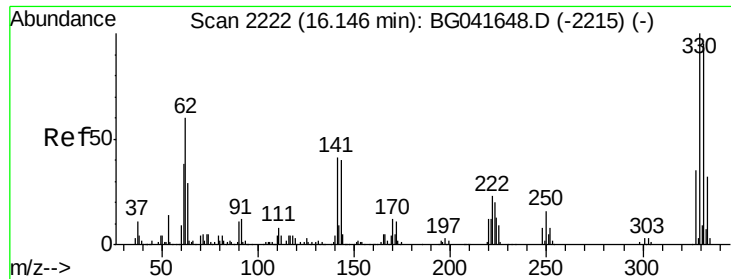
Tot Ion: 82 Resp: 669355
 Ion Ratio Lower Upper
 82 100
 128 44.1 35.1 52.7
 54 60.4 48.7 73.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG041670.D
 Acq: 16 Jul 2019 16:21

Tgt Ion: 164 Resp: 268452
 Ion Ratio Lower Upper
 164 100
 162 99.5 79.6 119.4
 160 45.6 35.4 53.0

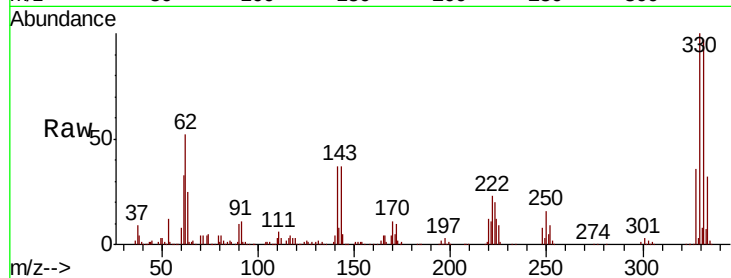




#42
 2,4,6-Tribromophenol
 Concen: 144.610 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG041670.D
 Acq: 16 Jul 2019 16:21

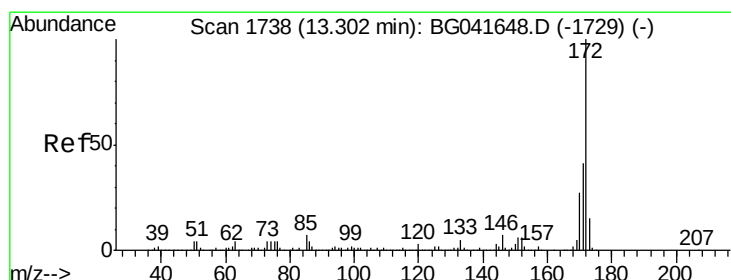
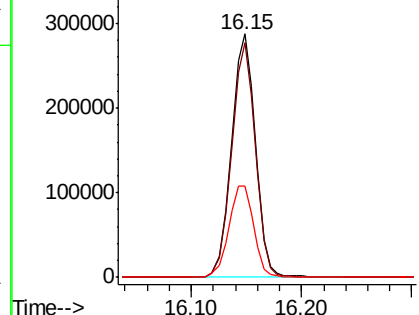
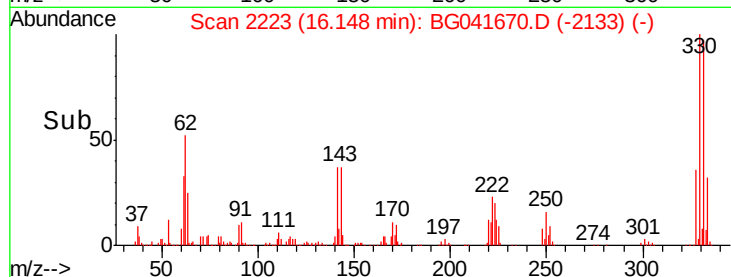
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-071219-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.0
141	39.1	31.9	47.9



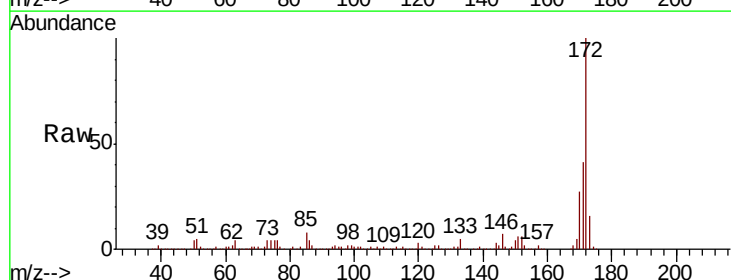
Abundance

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



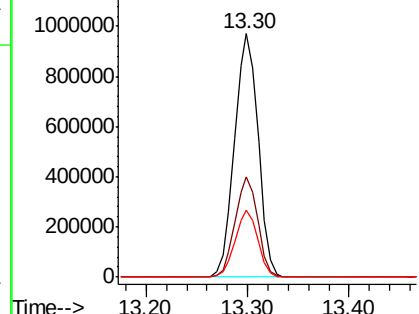
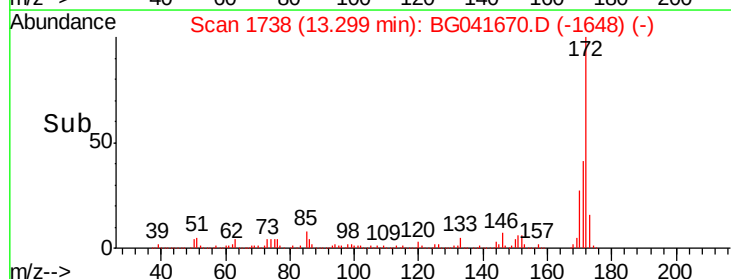
#45
 2-Fluorobiphenyl
 Concen: 90.055 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG041670.D
 Acq: 16 Jul 2019 16:21

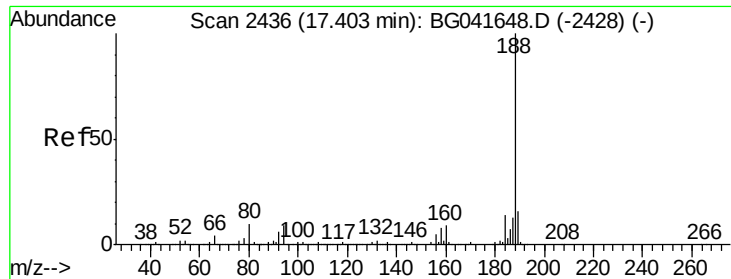
Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.1	35.0	52.4
170	27.5	23.5	35.3



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

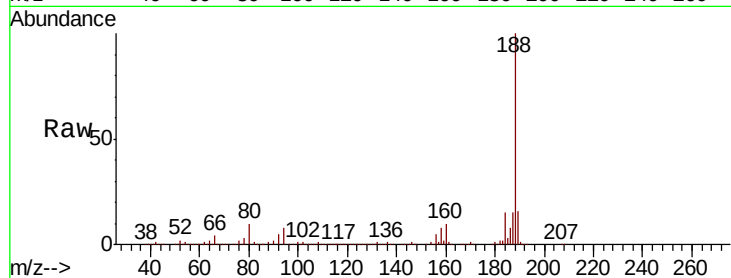




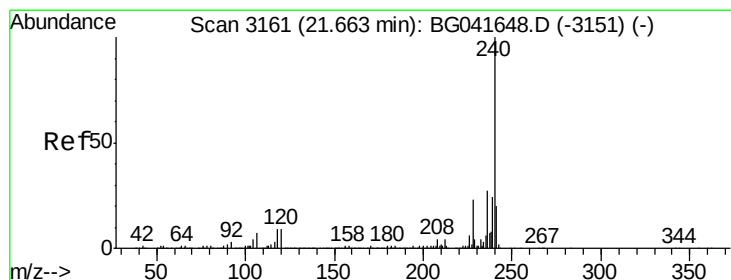
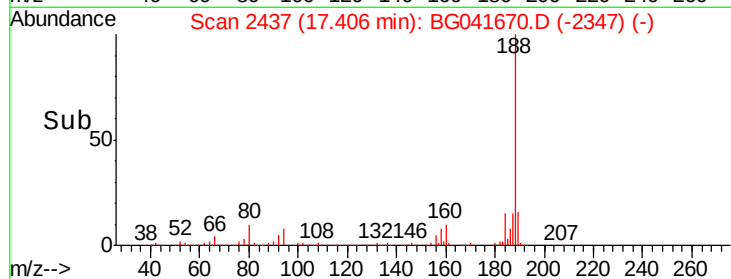
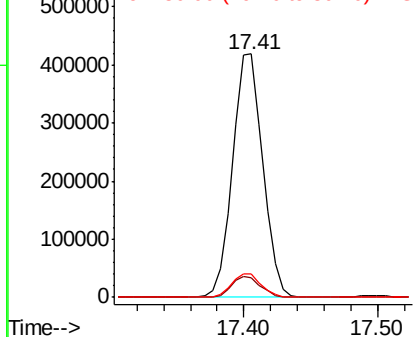
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG041670.D
Acq: 16 Jul 2019 16:21

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

Tot Ion:188 Resp: 658341
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.7 8.0 12.0

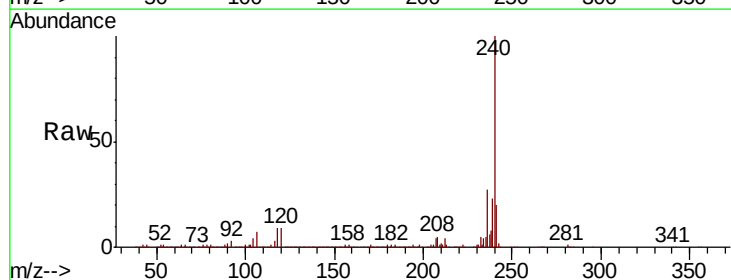


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

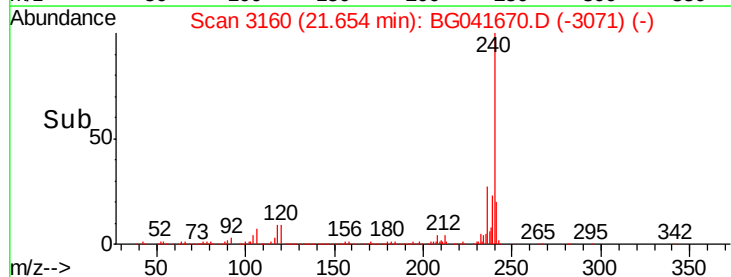
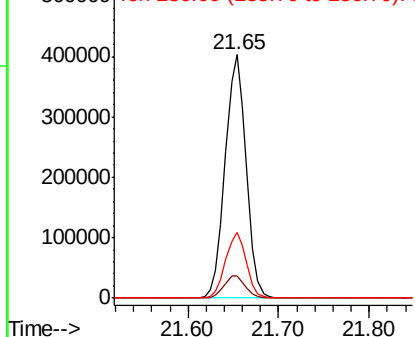


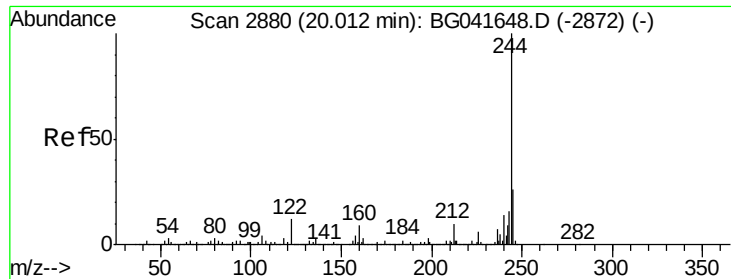
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG041670.D
Acq: 16 Jul 2019 16:21

Tgt Ion:240 Resp: 642335
Ion Ratio Lower Upper
240 100
120 9.2 8.0 12.0
236 27.1 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: 87.091 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG041670.D

Acq: 16 Jul 2019 16:21

Instrument :

BNA_G

ClientSampleId :

CL-01-071219-D

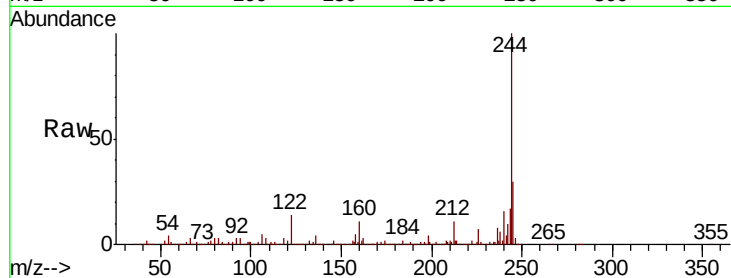
Tot Ion:244 Resp: 2393864

Ion Ratio Lower Upper

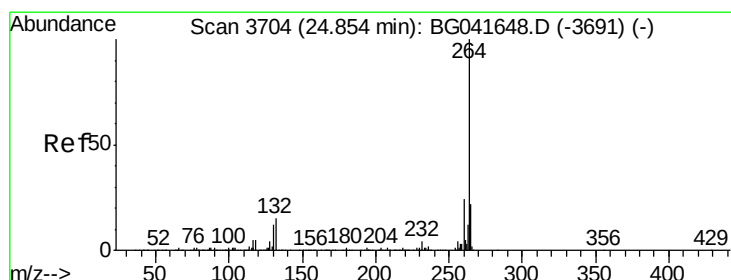
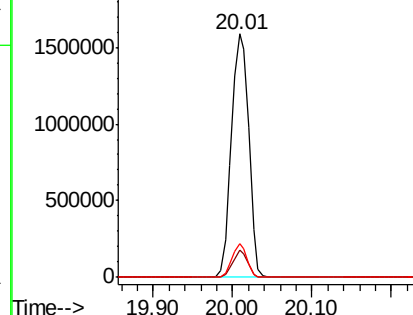
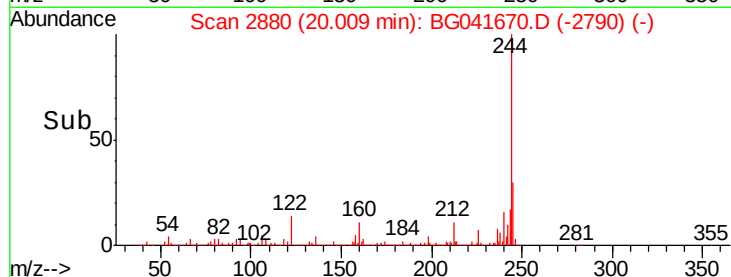
244 100

212 11.0 9.7 14.5

122 14.0 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# 3704

Delta R.T. -0.01 min

Lab File: BG041670.D

Acq: 16 Jul 2019 16:21

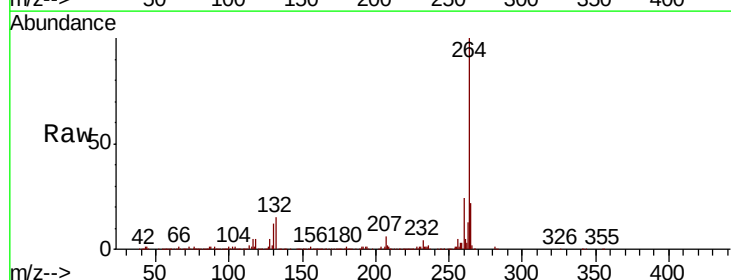
Tgt Ion:264 Resp: 728263

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 22.3 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

