

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
 Data File : BG041651.D
 Acq On : 15 Jul 2019 16:21
 Operator : HP/JU
 Sample : K3621-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-071019-B

Quant Time: Jul 16 07:54:38 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	106848	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	408556	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	256605	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	593303	20.00	ng	0.00
76) Chrysene-d12	21.66	240	610818	20.00	ng	0.00
87) Perylene-d12	24.86	264	654757	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	746738	114.25	ng	0.01
7) Phenol-d6	7.21	99	878005	99.87	ng	0.00
23) Nitrobenzene-d5	9.21	82	675442	100.54	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	442043	152.86	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1540975	92.99	ng	0.00
79) Terphenyl-d14	20.02	244	2284267	87.39	ng	0.00

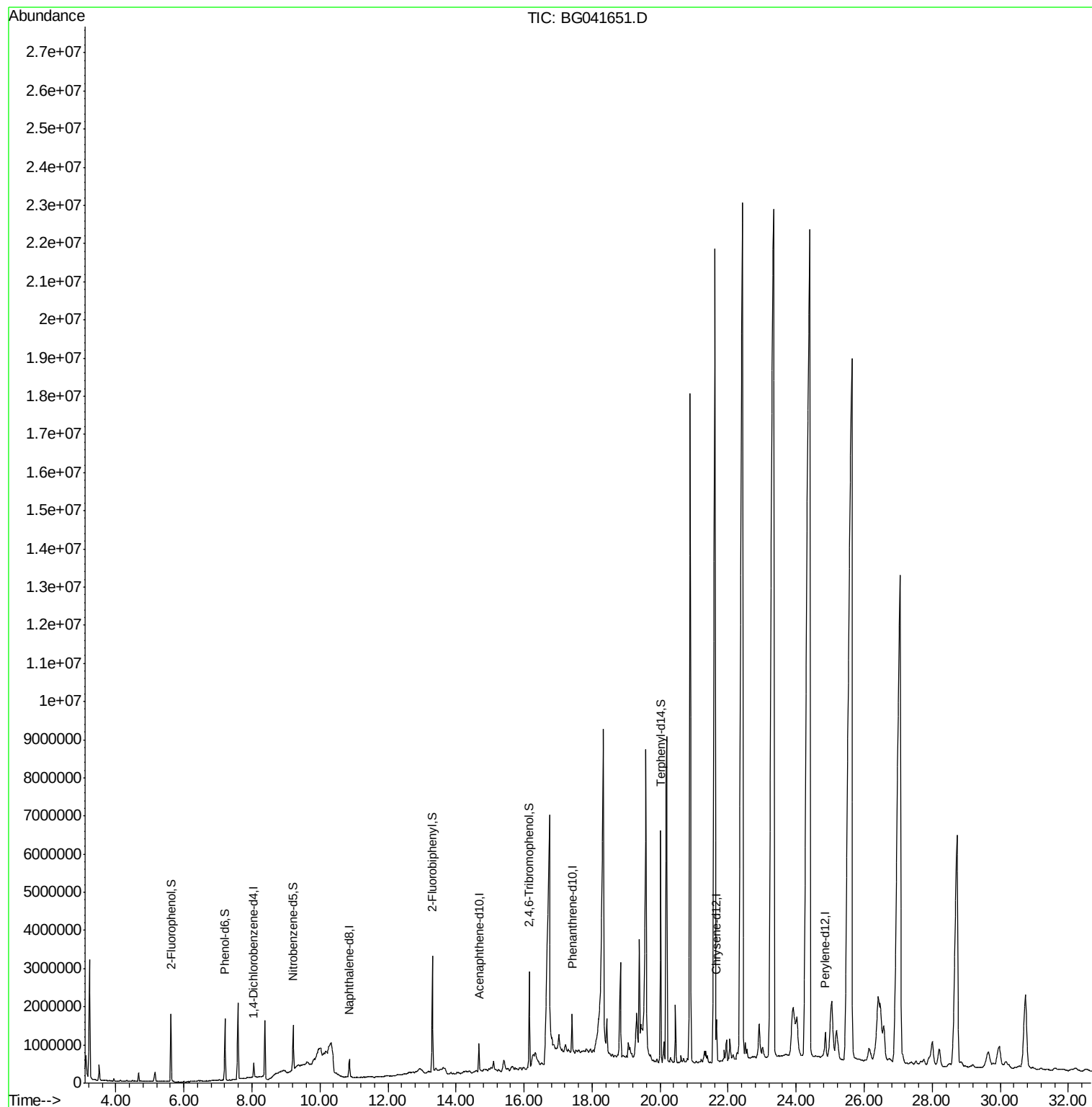
Target Compounds Qvalue

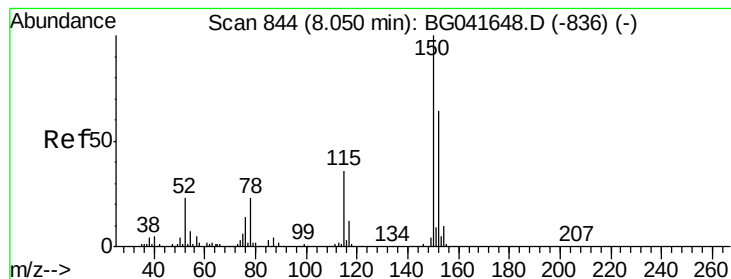
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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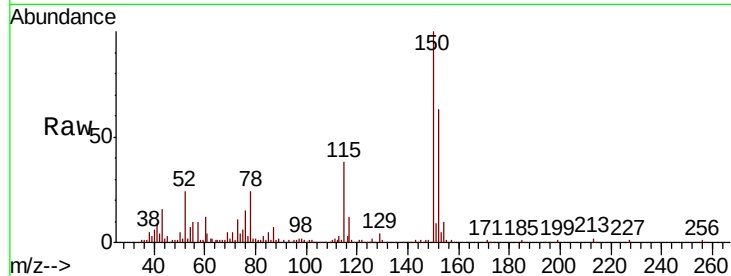


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. 0.00 min
Lab File: BG041651.D
Acq: 15 Jul 2019 16:21

Instrument :
BNA_G
ClientSampleId :
OK-03-071019-B

Tot Ion	152	Resp	106848
Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.9	190.3
115	59.7	45.0	67.6

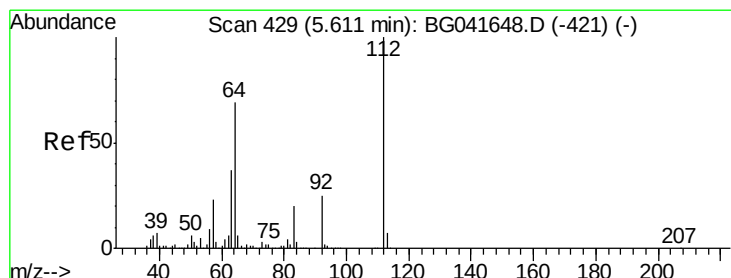
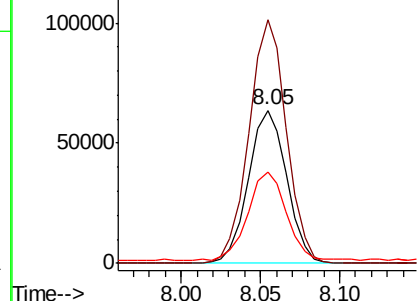
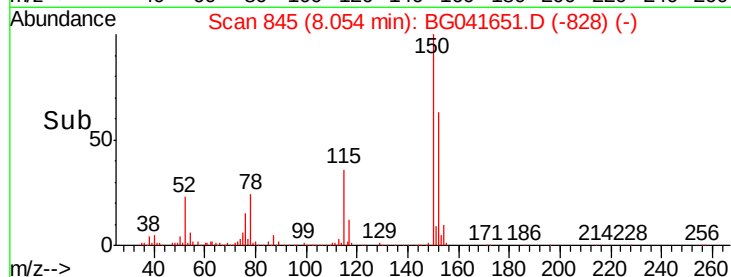


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

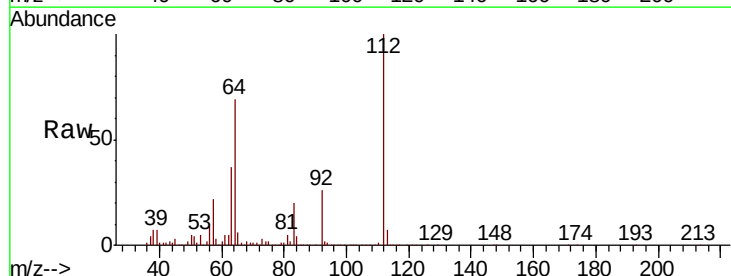
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.249 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG041651.D
Acq: 15 Jul 2019 16:21

Tgt Ion	112	Resp	746738
Ion	Ratio	Lower	Upper
112	100		
64	69.2	55.4	83.2
63	36.9	29.1	43.7

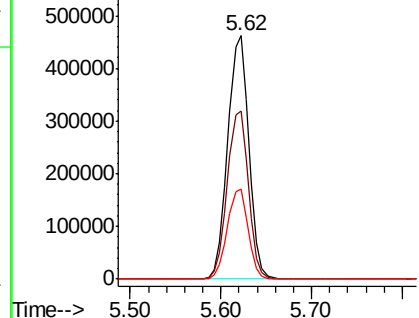
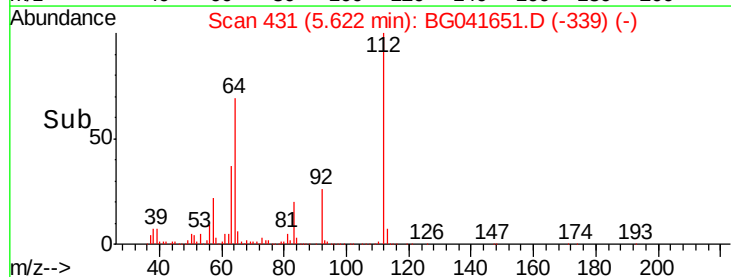


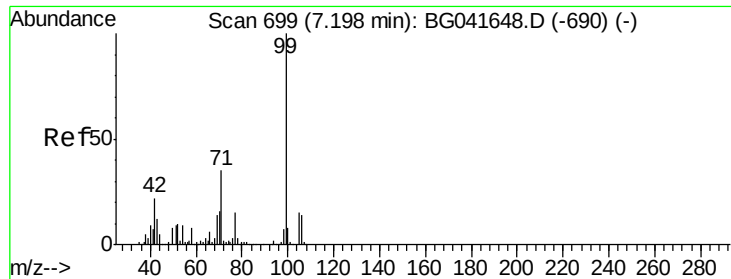
Abundance

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: 99.872 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG041651.D

Acq: 15 Jul 2019 16:21

Instrument :

BNA_G

ClientSampled :

OK-03-071019-B

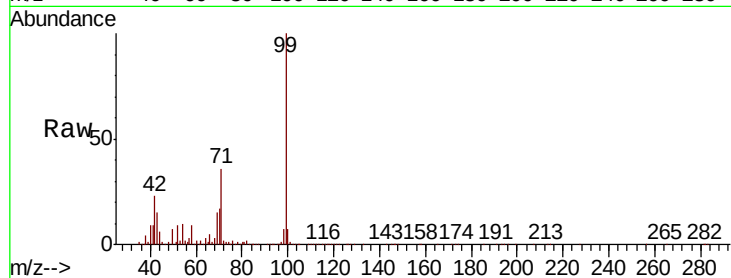
Tot Ion: 99 Resp: 878005

Ion Ratio Lower Upper

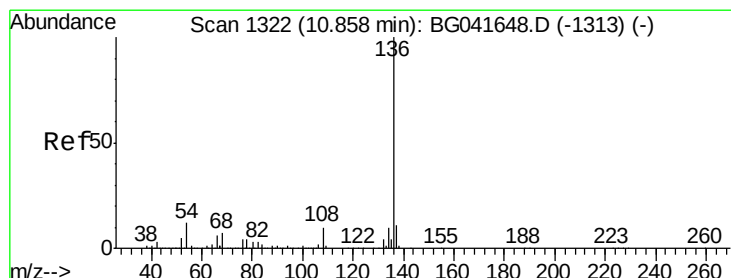
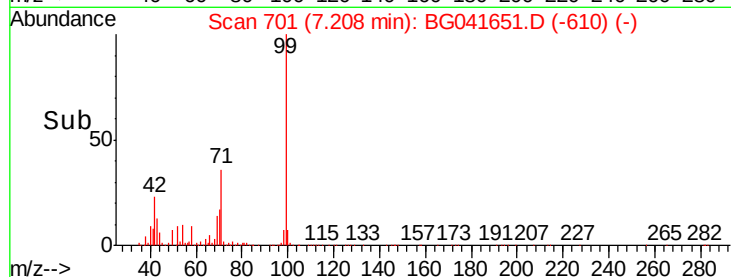
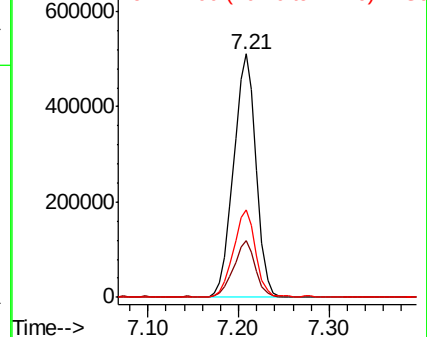
99 100

42 23.2 17.6 26.4

71 36.2 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: 10.86 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BG041651.D

Acq: 15 Jul 2019 16:21

Tgt Ion: 136 Resp: 408556

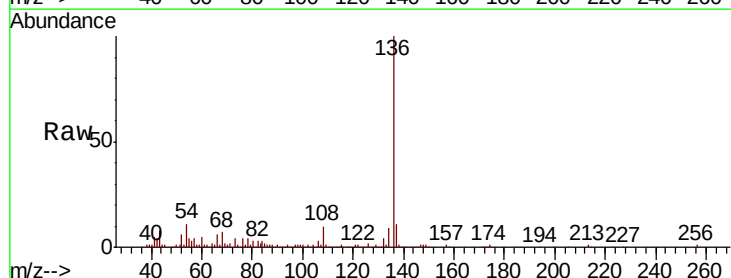
Ion Ratio Lower Upper

136 100

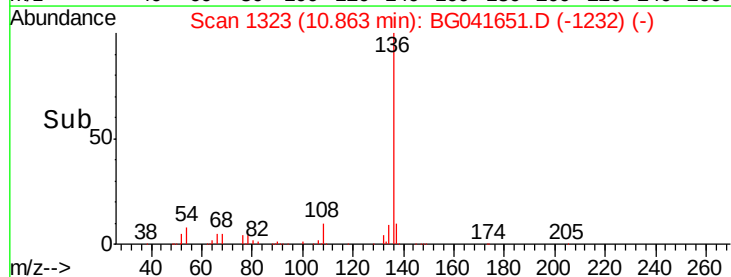
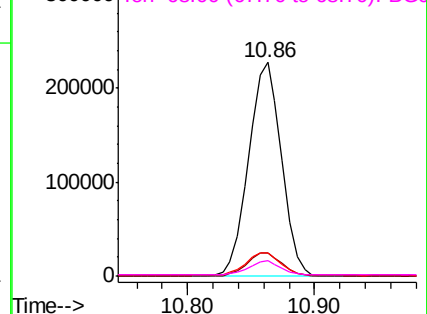
137 10.6 9.2 13.8

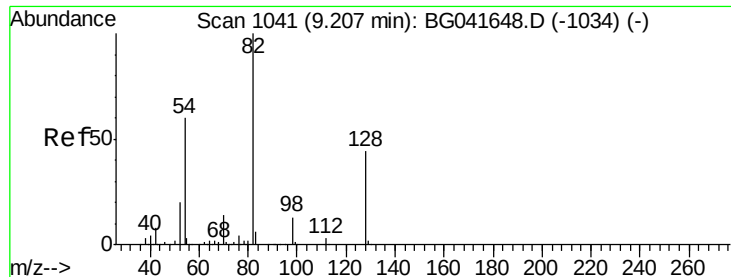
54 10.9 8.7 13.1

68 7.1 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

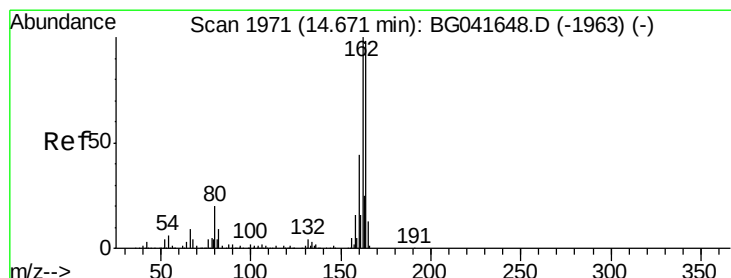
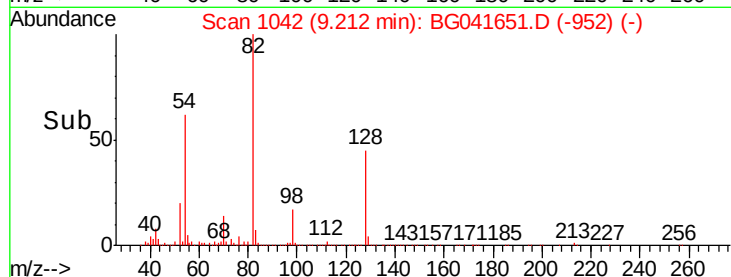
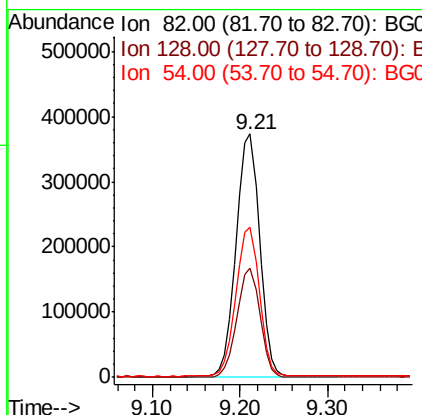
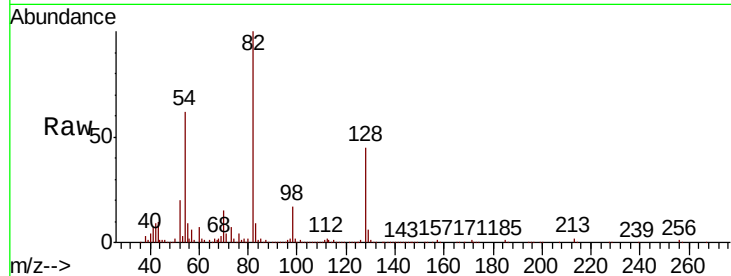




#23
 Nitrobenzene-d5
 Concen: 100.542 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041651.D
 Acq: 15 Jul 2019 16:21

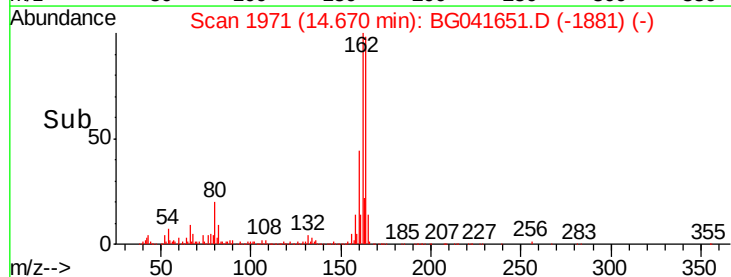
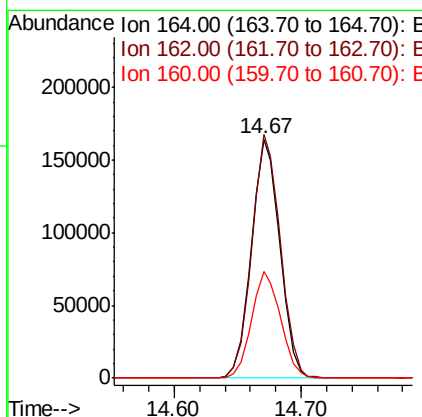
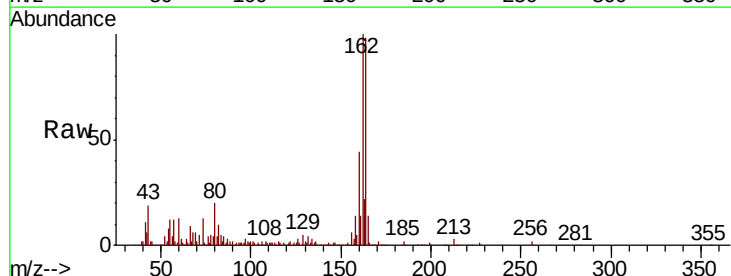
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-071019-B

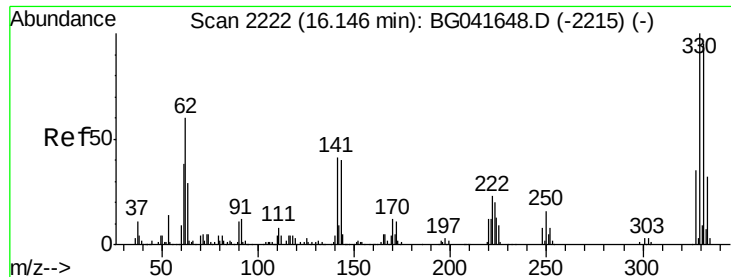
Tot Ion	82	Resp	675442
Ion Ratio	Lower	Upper	
82	100		
128	44.6	35.1	52.7
54	61.9	48.7	73.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: BG041651.D
 Acq: 15 Jul 2019 16:21

Tgt Ion	164	Resp	256605
Ion Ratio	Lower	Upper	
164	100		
162	102.1	79.6	119.4
160	44.7	35.4	53.0

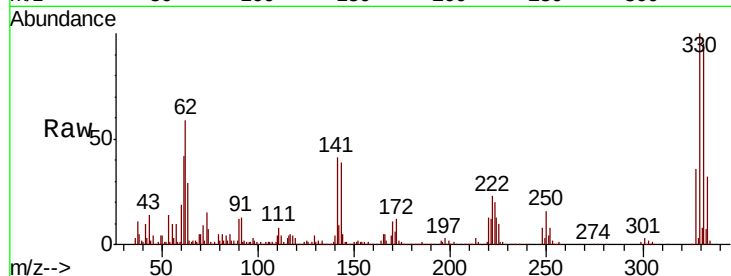




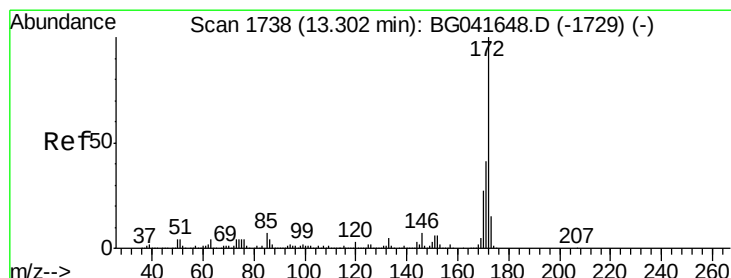
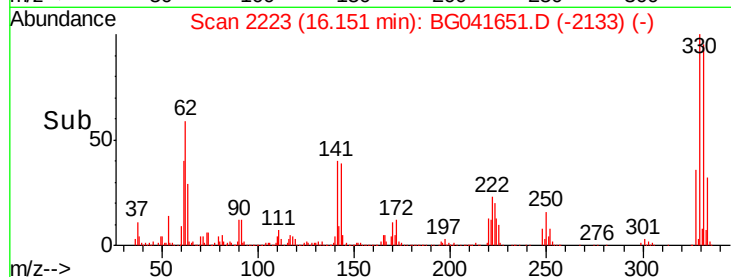
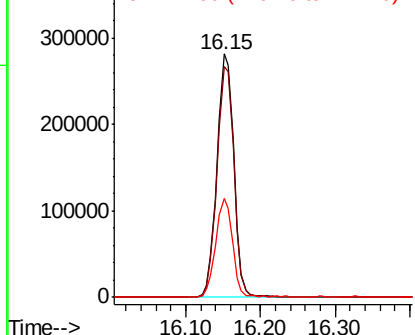
#42
 2,4,6-Tribromophenol
 Concen: 152.856 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG041651.D
 Acq: 15 Jul 2019 16:21

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-071019-B

Tot Ion:330 Resp: 442043
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.0
 141 39.7 31.9 47.9

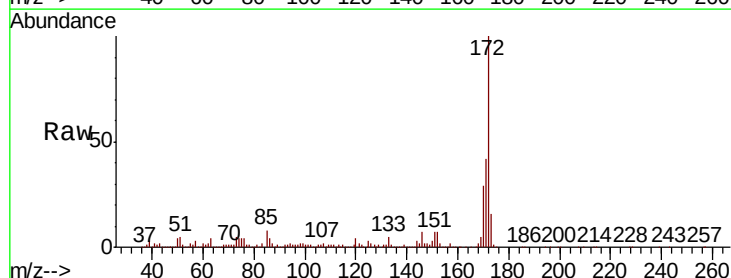


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

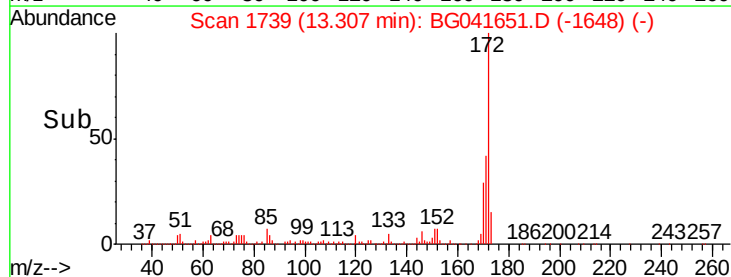
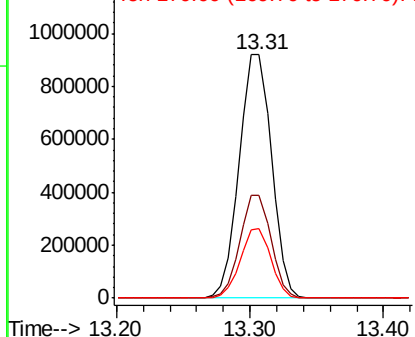


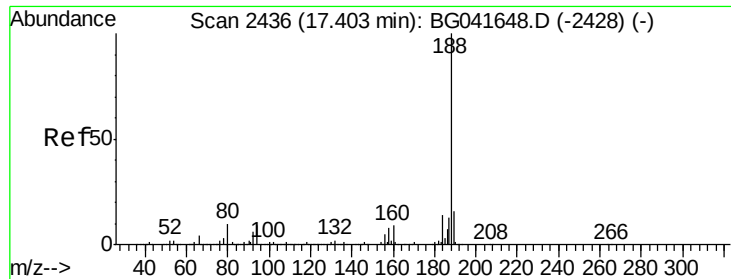
#45
 2-Fluorobiphenyl
 Concen: 92.991 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. 0.01 min
 Lab File: BG041651.D
 Acq: 15 Jul 2019 16:21

Tgt Ion:172 Resp: 1540975
 Ion Ratio Lower Upper
 172 100
 171 42.3 35.0 52.4
 170 28.8 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

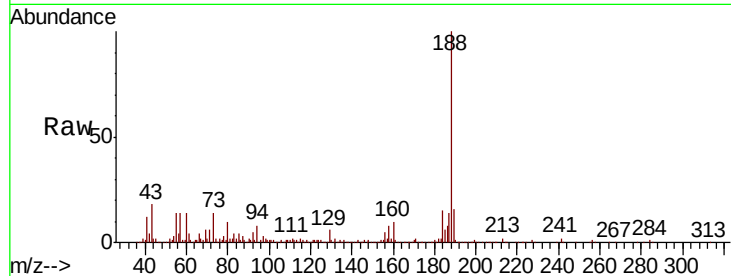




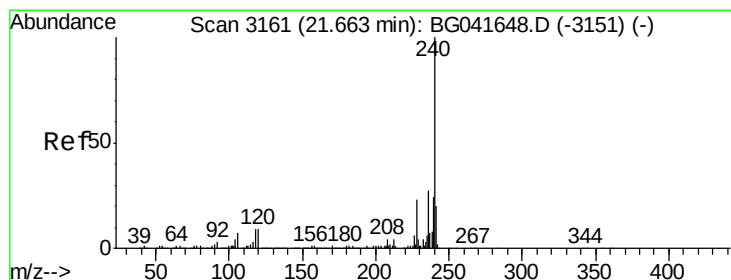
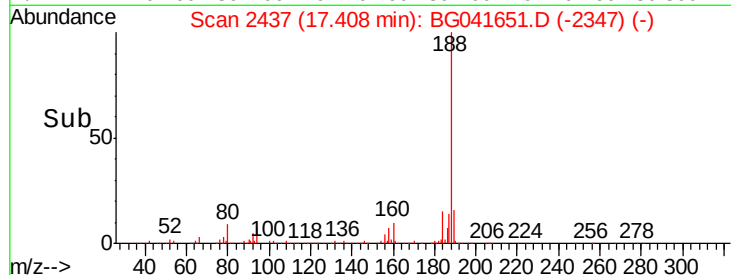
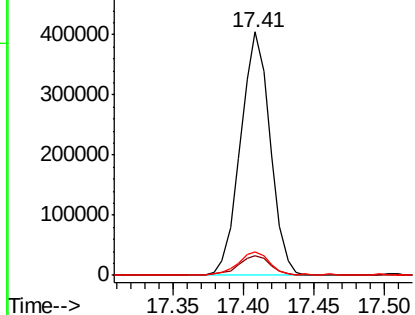
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG041651.D
Acq: 15 Jul 2019 16:21

Instrument :
BNA_G
ClientSampleId :
OK-03-071019-B

Tot Ion:188 Resp: 593303
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 9.6 8.0 12.0

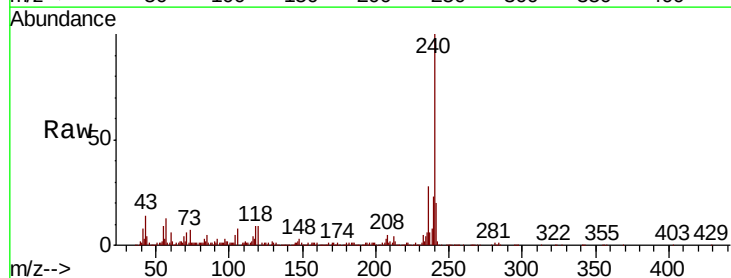


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

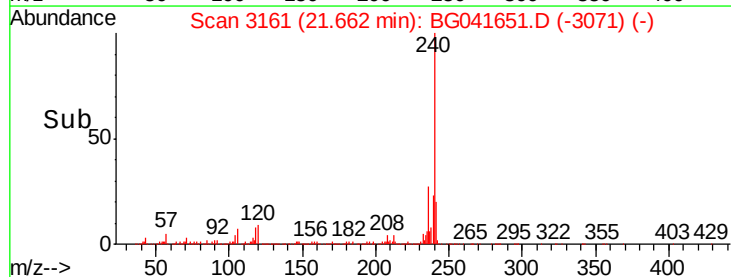
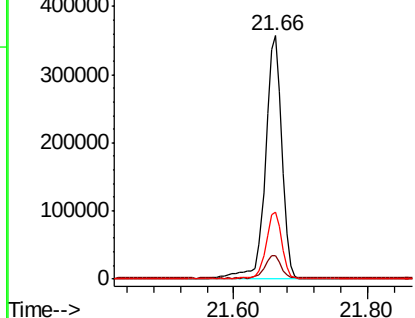


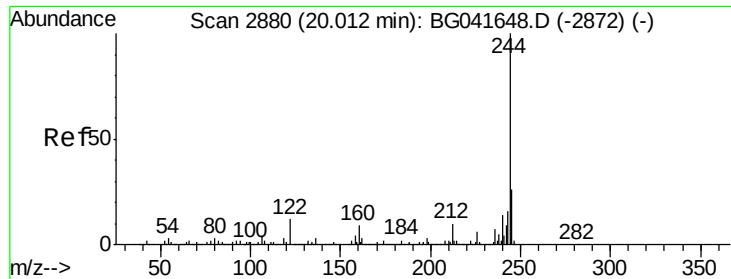
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. 0.00 min
Lab File: BG041651.D
Acq: 15 Jul 2019 16:21

Tgt Ion:240 Resp: 610818
Ion Ratio Lower Upper
240 100
120 9.4 8.0 12.0
236 27.5 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



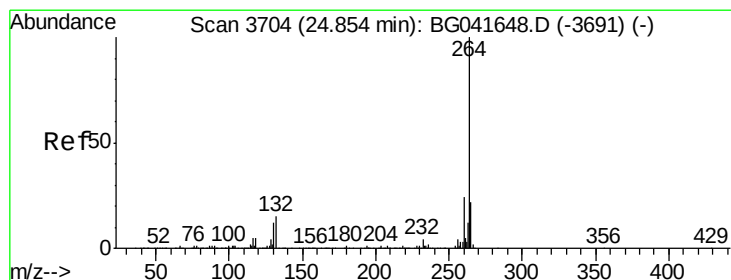
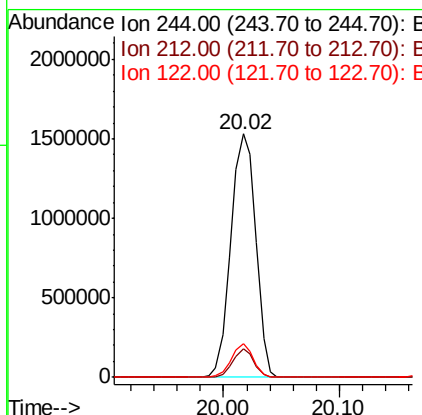
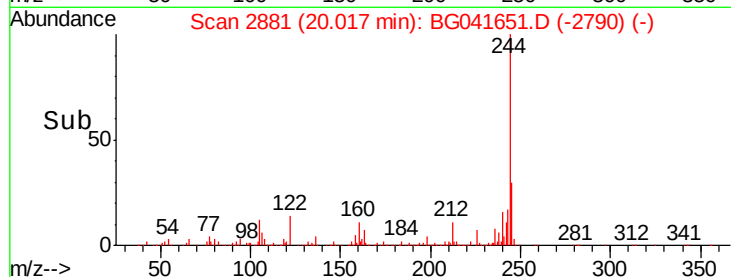
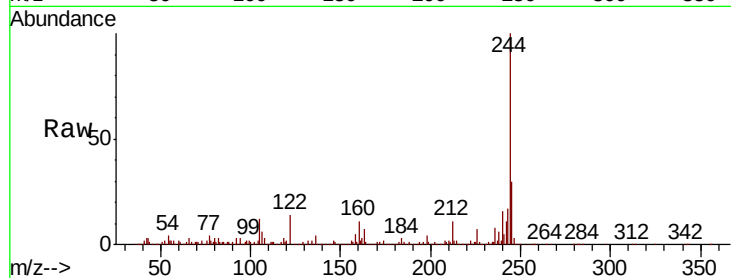


#79
 Terphenyl-d14
 Concen: 87.392 ng
 RT: 20.02 min Scan# 2881
 Delta R.T. 0.01 min
 Lab File: BG041651.D
 Acq: 15 Jul 2019 16:21

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-071019-B

Tot Ion:244 Resp: 2284267

Ion	Ratio	Lower	Upper
244	100		
212	11.5	9.7	14.5
122	14.0	12.5	18.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG041651.D
 Acq: 15 Jul 2019 16:21

Tgt Ion:264 Resp: 654757

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.3	18.0	27.0

