

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
 Data File : BG041571.D
 Acq On : 2 Jul 2019 14:01
 Operator : HP/JU
 Sample : K3519-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP19-LF2MW3

Quant Time: Jul 03 02:24:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	26908	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	92046	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	63294	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	182268	20.00	ng	0.00
76) Chrysene-d12	21.70	240	209874	20.00	ng	0.00
87) Perylene-d12	24.99	264	222583	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	87510	57.98	ng	0.00
7) Phenol-d6	7.19	99	67839	31.93	ng	0.00
23) Nitrobenzene-d5	9.21	82	198706	90.04	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	165876	153.49	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	462929	93.86	ng	0.00
79) Terphenyl-d14	20.02	244	1059147	107.24	ng	0.00

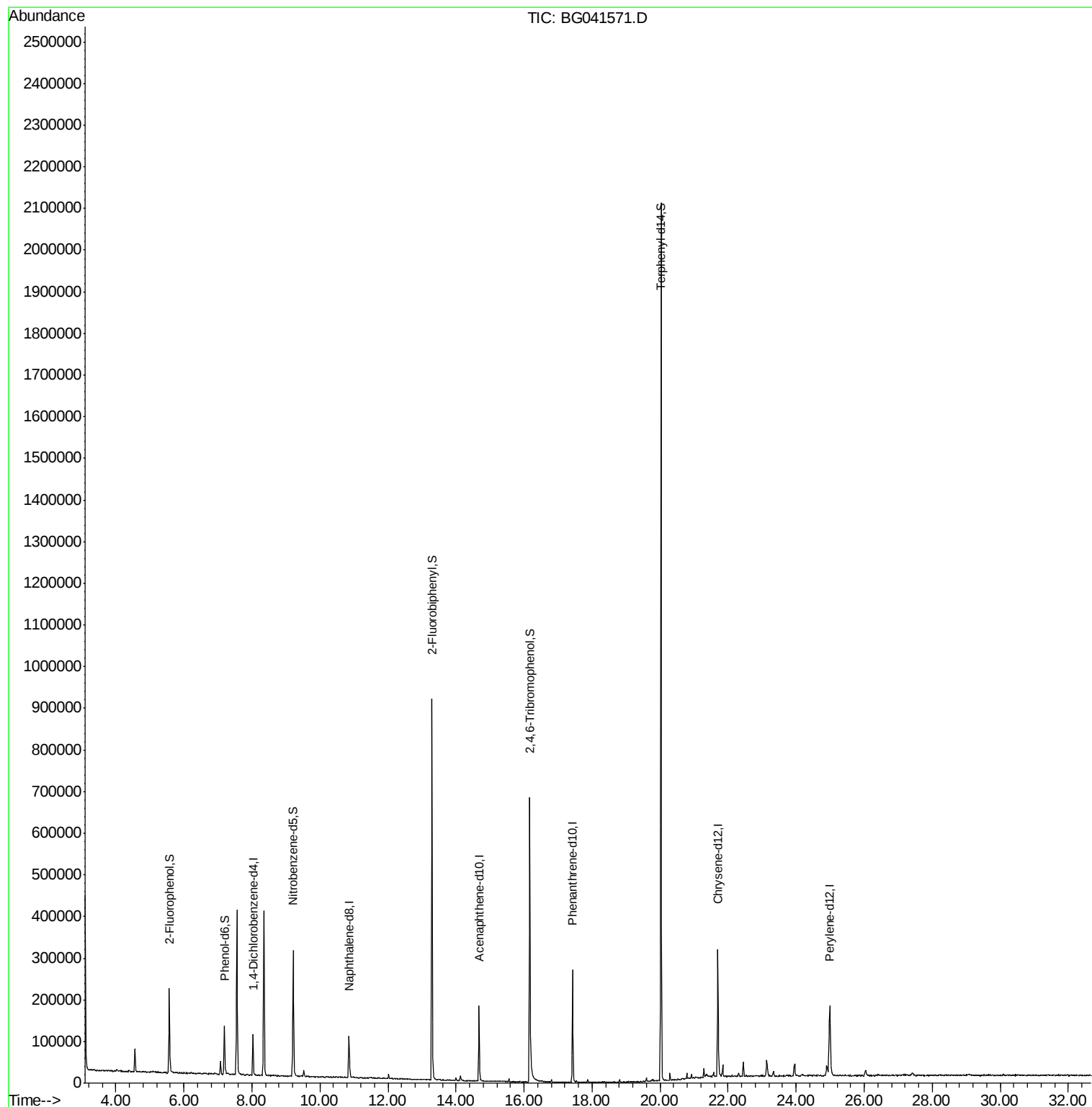
Target Compounds Qvalue

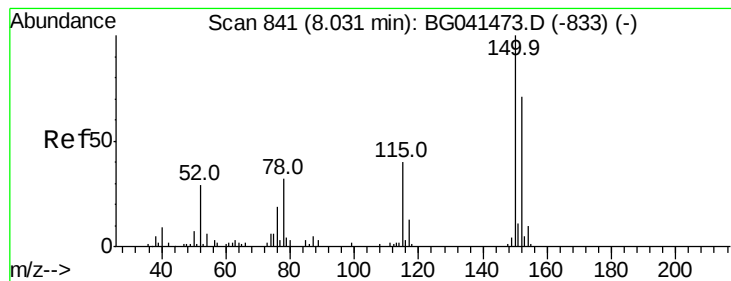
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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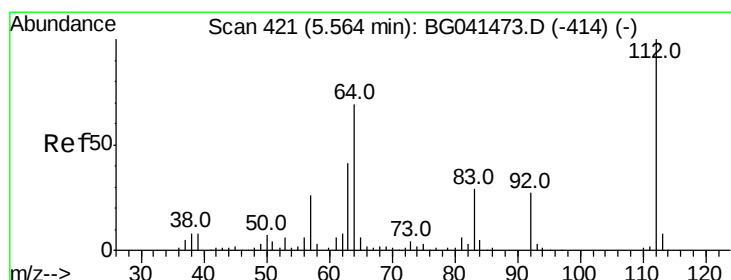
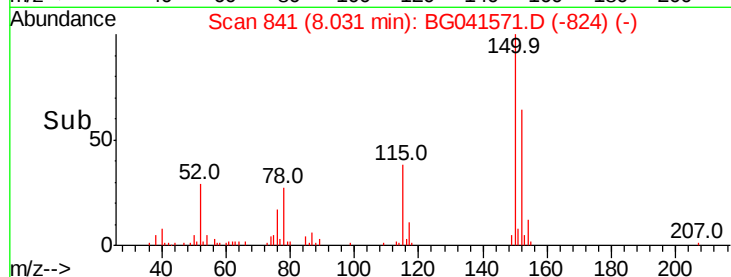
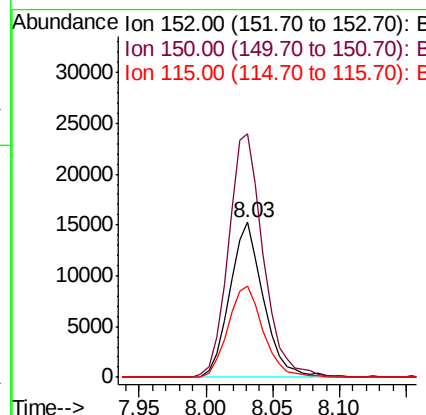
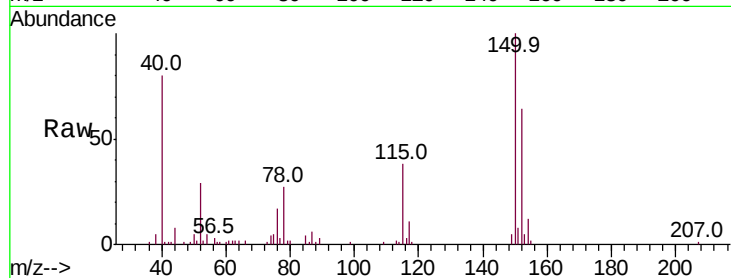


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041571.D
Acq: 2 Jul 2019 14:01

Instrument :
BNA_G
ClientSampleId :
SP19-LF2MW3

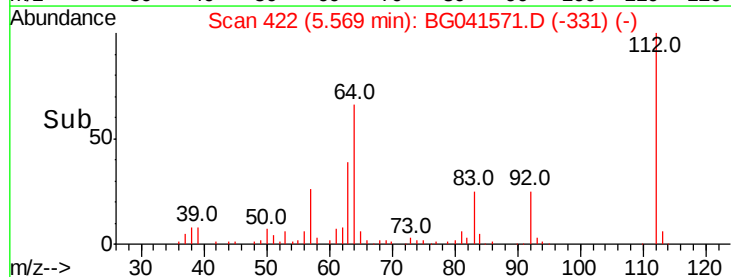
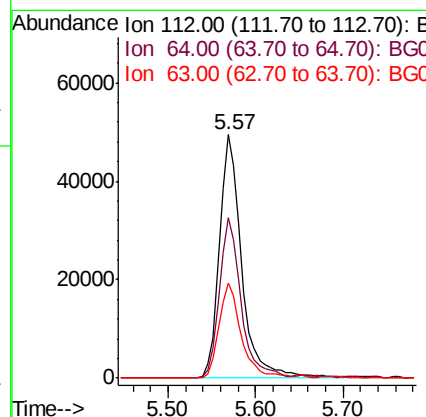
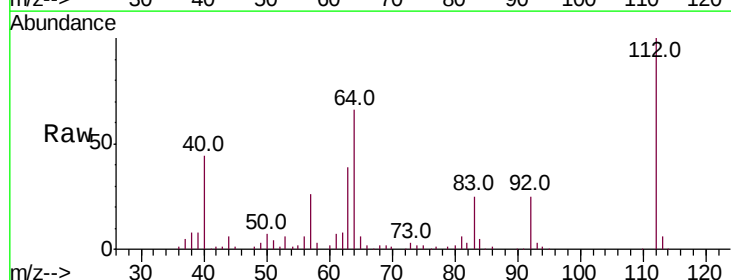
Tot Ion:152 Resp: 26908
Ion Ratio Lower Upper
152 100
150 157.2 112.4 168.6
115 59.2 44.6 66.8

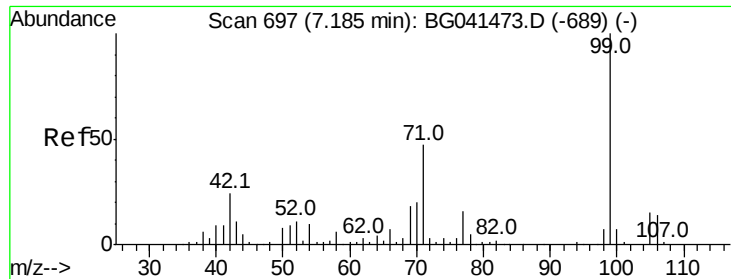


#5

2-Fluorophenol
Concen: 57.982 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG041571.D
Acq: 2 Jul 2019 14:01

Tgt Ion:112 Resp: 87510
Ion Ratio Lower Upper
112 100
64 65.9 55.1 82.7
63 38.9 32.4 48.6





#7

Phenol-d6

Concen: 31.929 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG041571.D

Acq: 2 Jul 2019 14:01

Instrument :

BNA_G

ClientSampleId :

SP19-LF2MW3

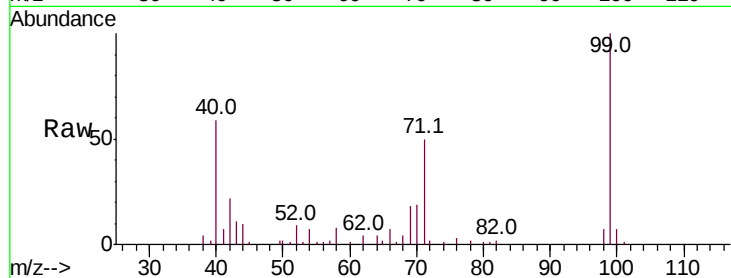
Tot Ion: 99 Resp: 67839

Ion Ratio Lower Upper

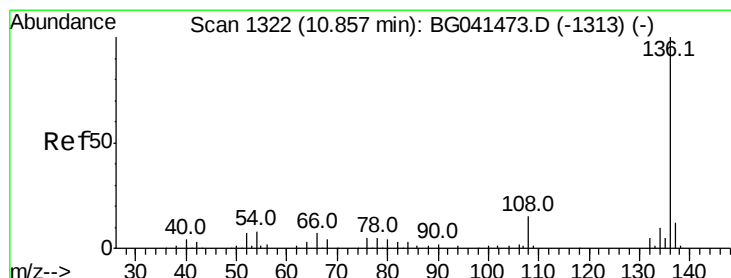
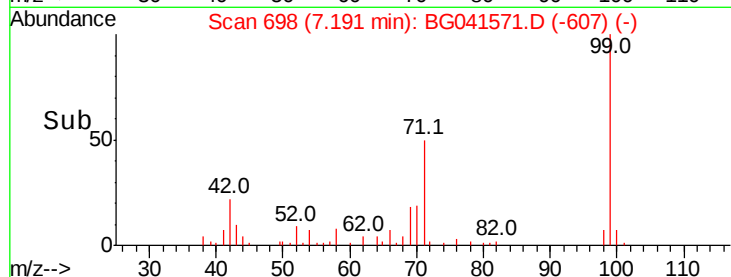
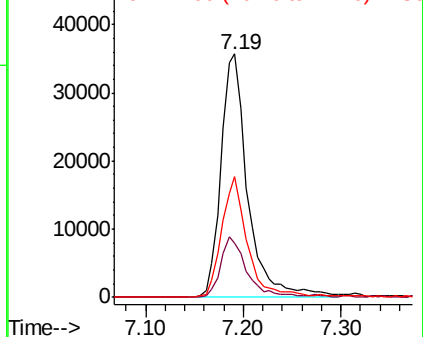
99 100

42 22.2 19.0 28.6

71 49.6 37.4 56.2



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# 1322

Delta R.T. -0.00 min

Lab File: BG041571.D

Acq: 2 Jul 2019 14:01

Tgt Ion: 136 Resp: 92046

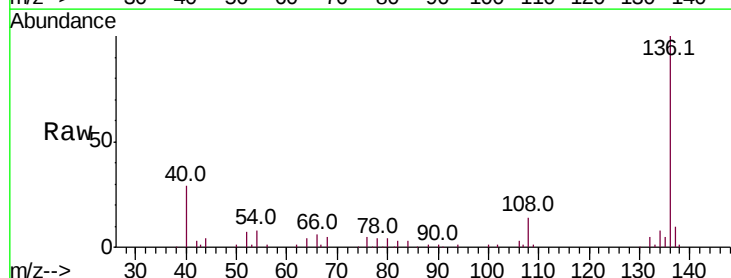
Ion Ratio Lower Upper

136 100

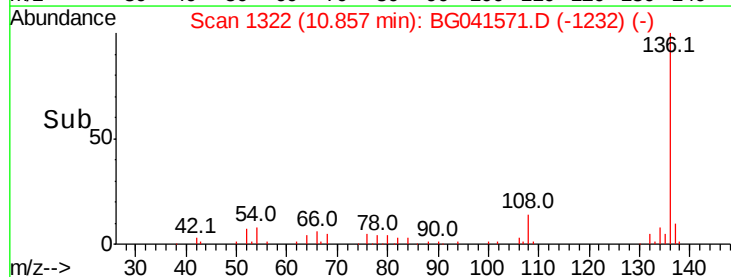
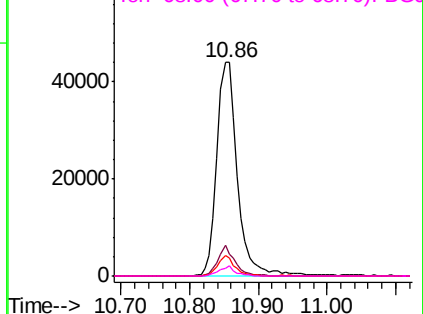
137 10.1 9.3 13.9

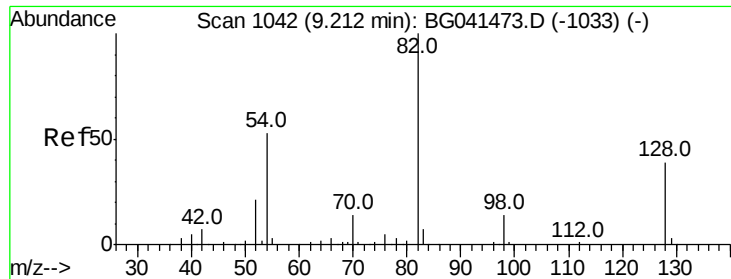
54 8.2 7.1 10.7

68 4.9 3.3 4.9#



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

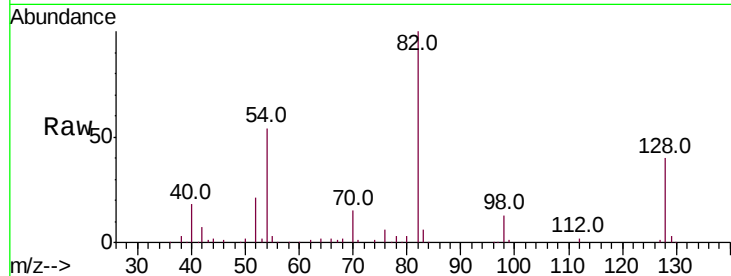




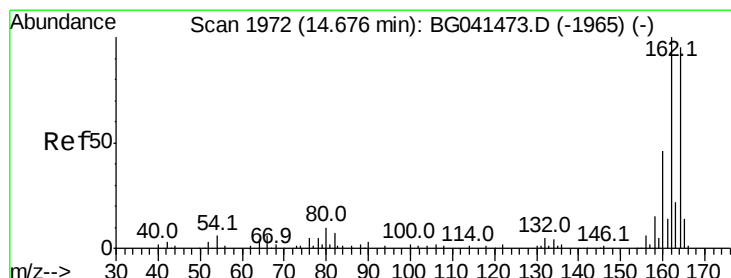
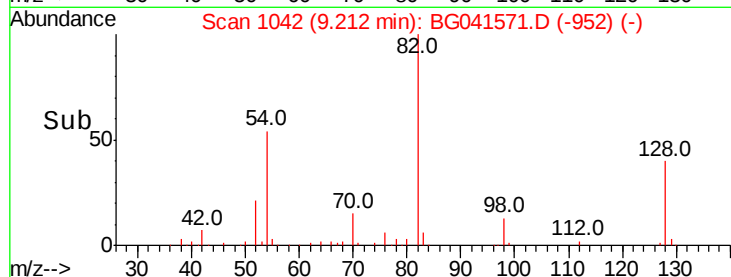
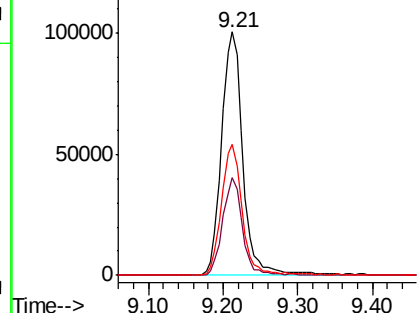
#23
 Nitrobenzene-d5
 Concen: 90.036 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041571.D
 Acq: 2 Jul 2019 14:01

Instrument :
 BNA_G
 ClientSampleId :
 SP19-LF2MW3

Tot Ion	82	Resp	198706
Ion Ratio	Lower	Upper	
82	100		
128	40.0	30.9	46.3
54	53.7	42.2	63.2

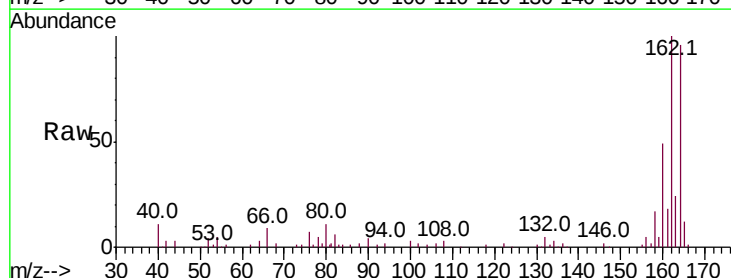


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

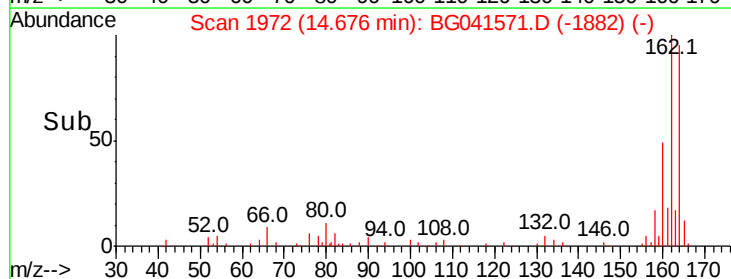
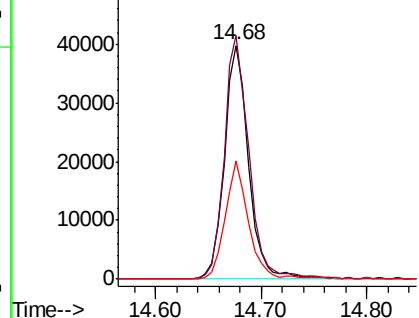


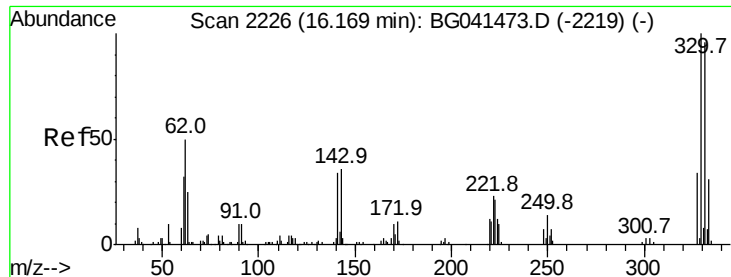
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041571.D
 Acq: 2 Jul 2019 14:01

Tgt Ion	164	Resp	63294
Ion Ratio	Lower	Upper	
164	100		
162	104.3	84.4	126.6
160	50.8	38.8	58.2



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

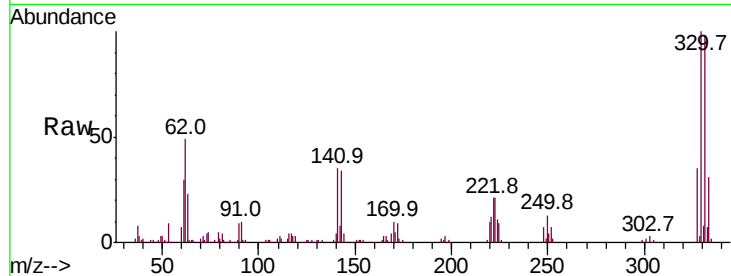




#42
 2,4,6-Tribromophenol
 Concen: 153.489 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041571.D
 Acq: 2 Jul 2019 14:01

Instrument :
 BNA_G
 ClientSampleId :
 SP19-LF2MW3

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	75.5	113.3
141	34.8	27.8	41.6

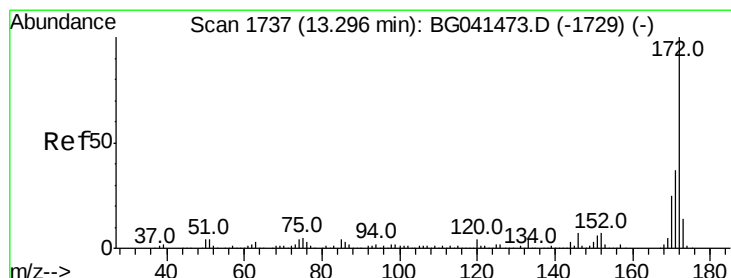
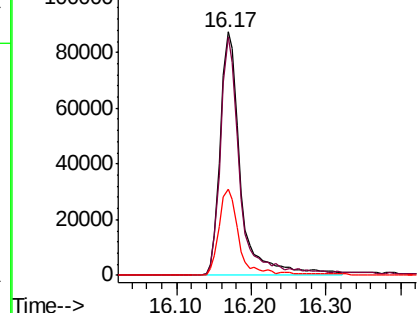
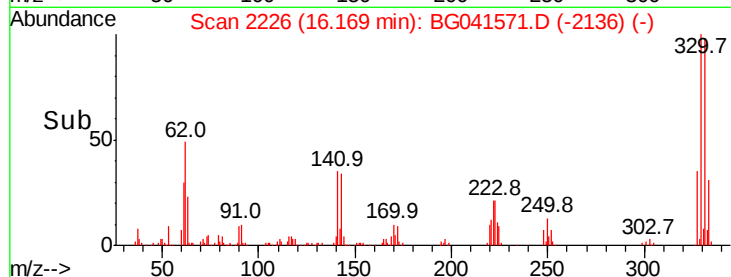


Abundance

Ion 329.80 (329.50 to 330.50): E

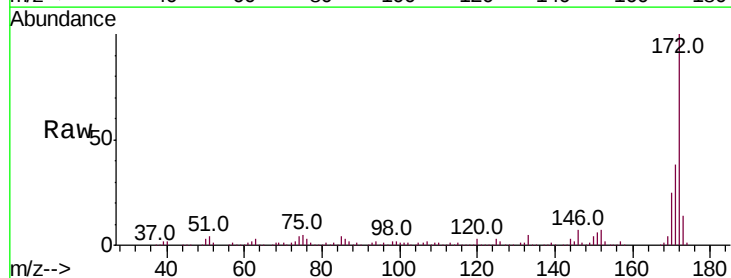
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.857 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041571.D
 Acq: 2 Jul 2019 14:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.6	44.4
170	24.5	20.0	30.0

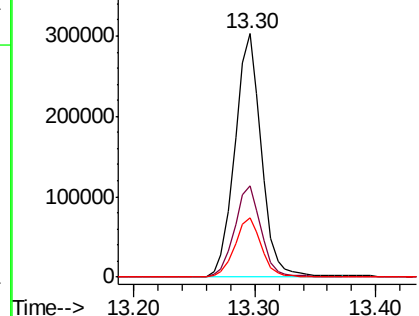
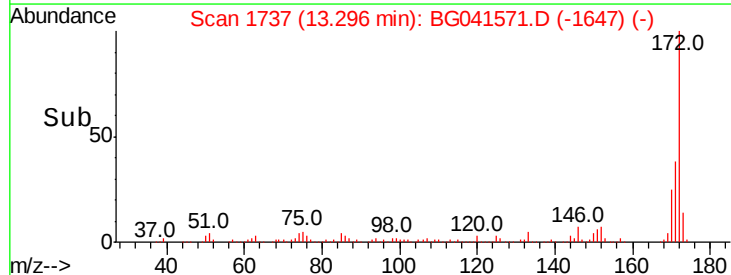


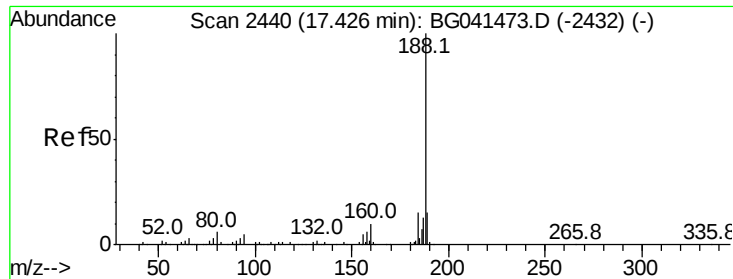
Abundance

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: 17.43 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041571.D

Acq: 2 Jul 2019 14:01

Instrument :

BNA_G

ClientSampleId :

SP19-LF2MW3

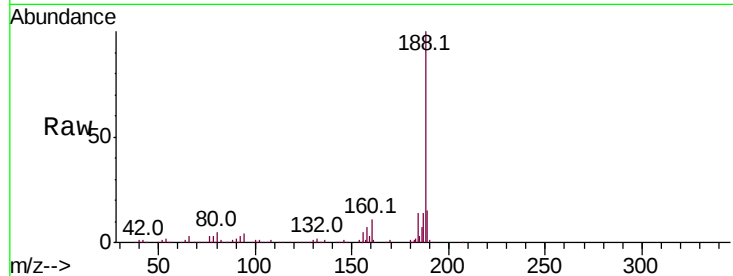
Tot Ion:188 Resp: 182268

Ion Ratio Lower Upper

188 100

94 4.2 3.8 5.8

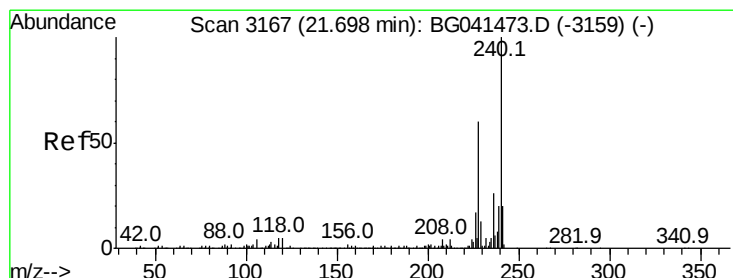
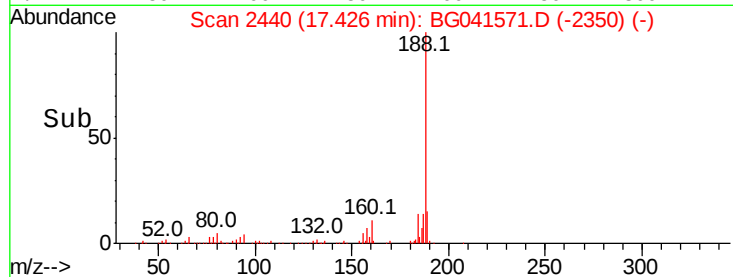
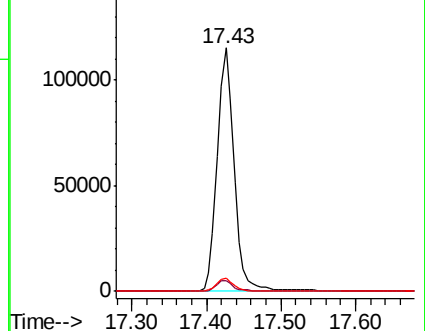
80 5.4 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG041571.D

Acq: 2 Jul 2019 14:01

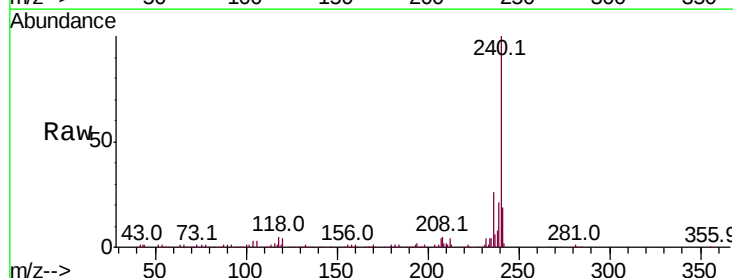
Tgt Ion:240 Resp: 209874

Ion Ratio Lower Upper

240 100

120 4.1 3.7 5.5

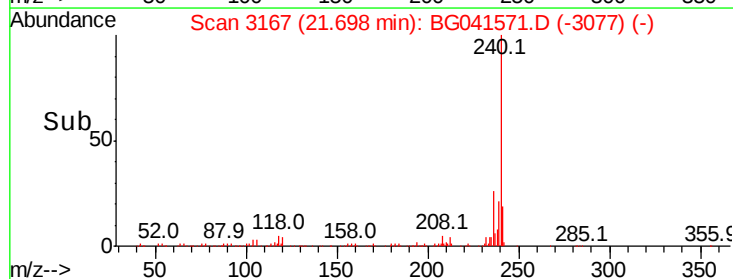
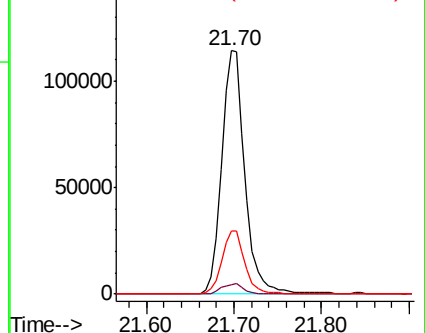
236 26.1 20.8 31.2

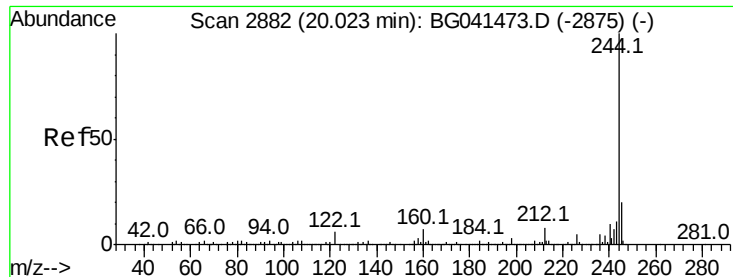


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



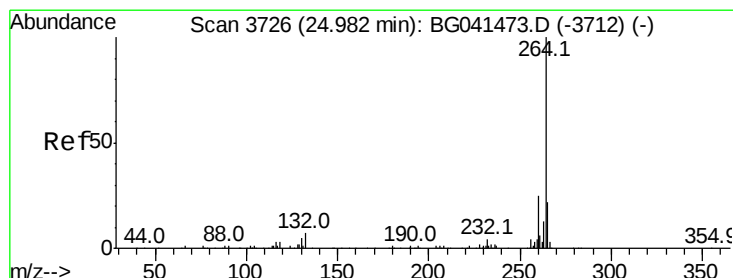
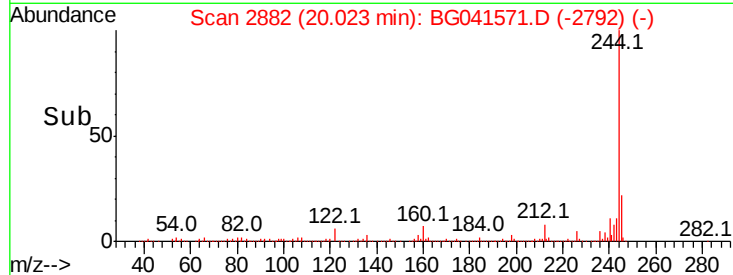
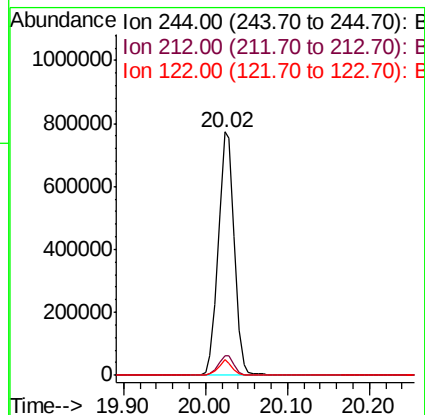
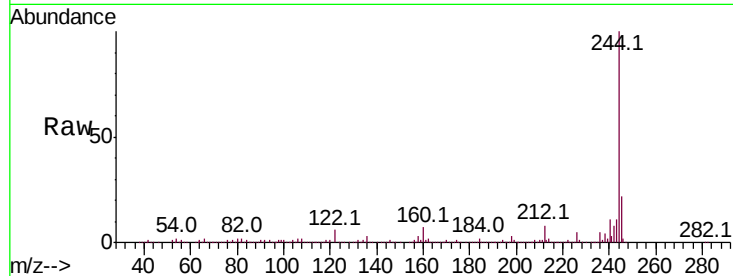


#79
 Terphenyl-d14
 Concen: 107.244 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG041571.D
 Acq: 2 Jul 2019 14:01

Instrument :
 BNA_G
 ClientSampleId :
 SP19-LF2MW3

Tot Ion:244 Resp: 1059147

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.4
122	6.3	4.8	7.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.99 min Scan# 3727
 Delta R.T. 0.01 min
 Lab File: BG041571.D
 Acq: 2 Jul 2019 14:01

Tgt Ion:264 Resp: 222583

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.7	29.5
265	21.8	17.4	26.2

