

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071219\
 Data File : BG041635.D
 Acq On : 12 Jul 2019 11:45
 Operator : HP/JU
 Sample : K3636-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP19-JMW0961

Quant Time: Jul 12 15:26:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 05:39:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	93176	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	383135	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	250835	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	604075	20.00	ng	0.00
76) Chrysene-d12	21.66	240	638998	20.00	ng	0.00
87) Perylene-d12	24.86	264	713997	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	310157	55.86	ng	0.00
7) Phenol-d6	7.20	99	276696	36.78	ng	0.00
23) Nitrobenzene-d5	9.21	82	503067	80.02	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	331622	115.61	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1285417	80.57	ng	0.00
79) Terphenyl-d14	20.02	244	2108355	80.64	ng	0.00

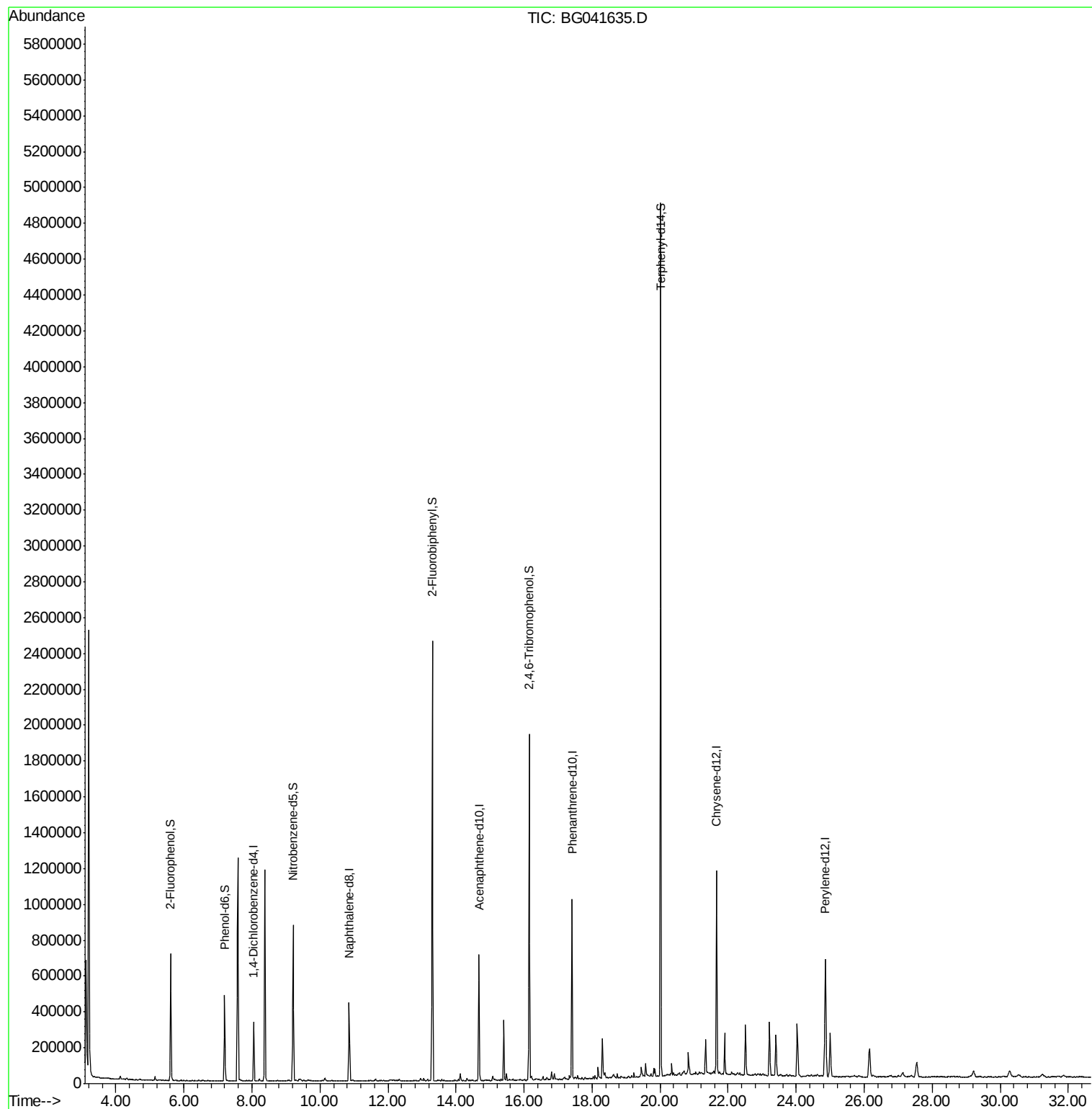
Target Compounds Qvalue

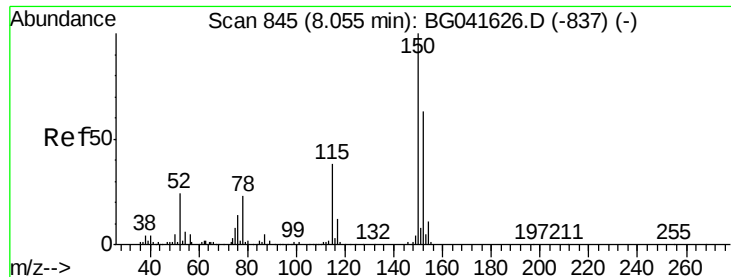
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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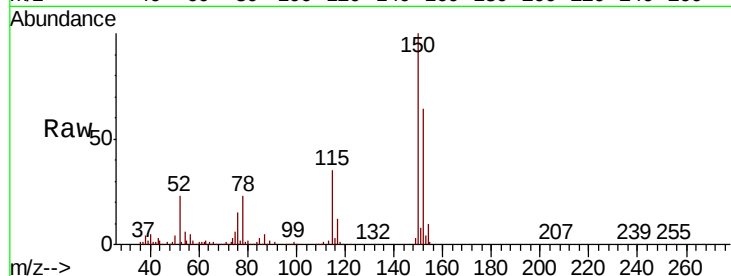


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Instrument :
BNA_G
ClientSampleId :
SP19-JMW0961

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	120.6	181.0
115	54.6	47.9	71.9

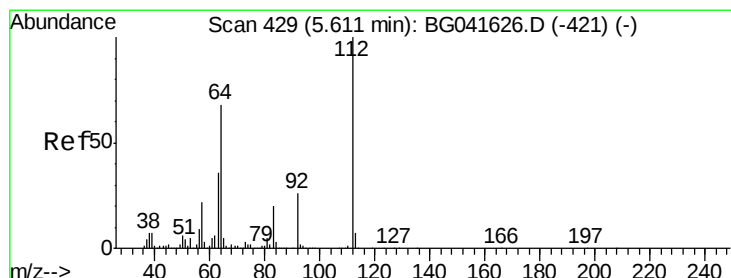
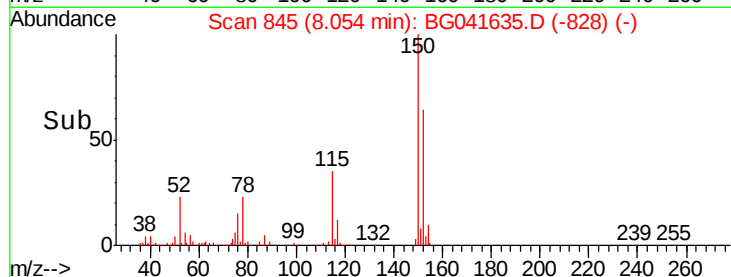
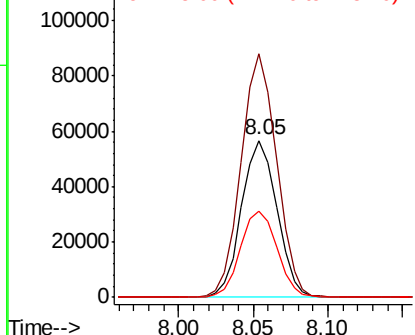


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

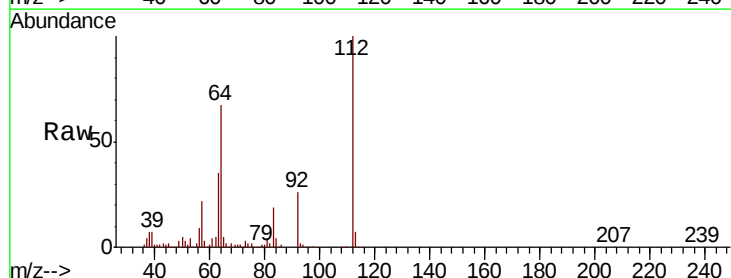
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.859 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	55.9	83.9
63	35.2	34.6	51.8

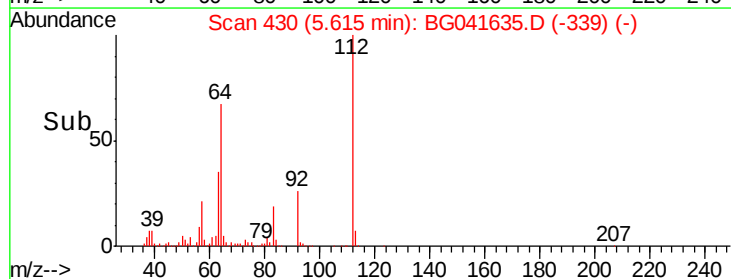
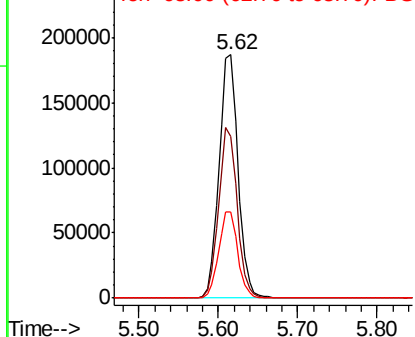


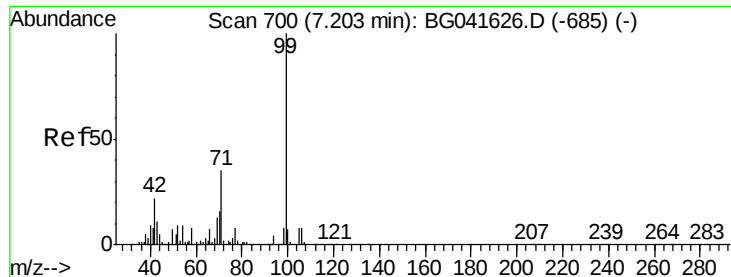
Abundance

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: 36.783 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041635.D

Acq: 12 Jul 2019 11:45

Instrument :

BNA_G

ClientSampleId :

SP19-JMW0961

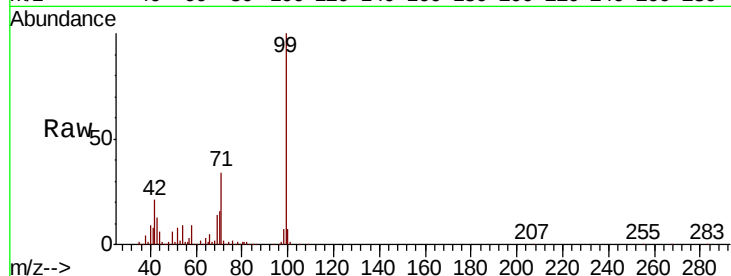
Tot Ion: 99 Resp: 276696

Ion Ratio Lower Upper

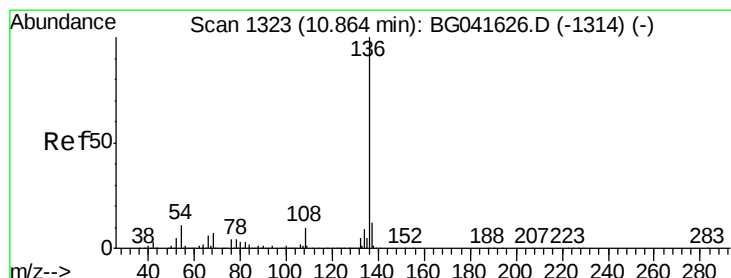
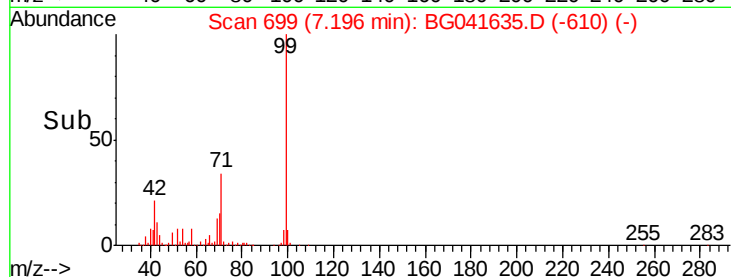
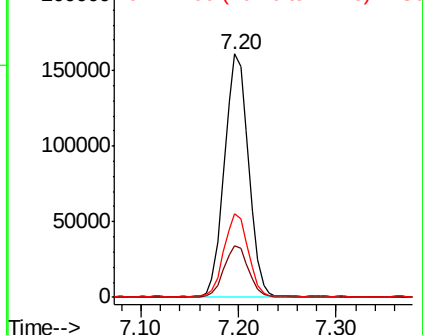
99 100

42 21.2 19.9 29.9

71 34.5 36.4 54.6#



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# 1322

Delta R.T. -0.01 min

Lab File: BG041635.D

Acq: 12 Jul 2019 11:45

Tgt Ion: 136 Resp: 383135

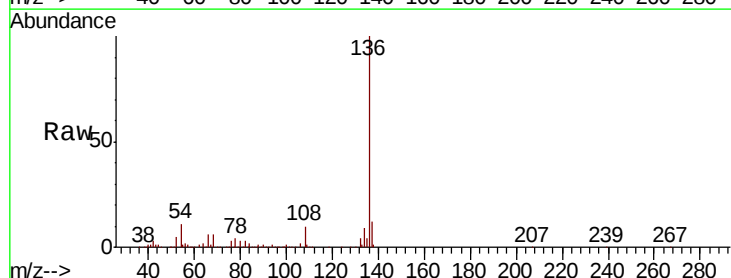
Ion Ratio Lower Upper

136 100

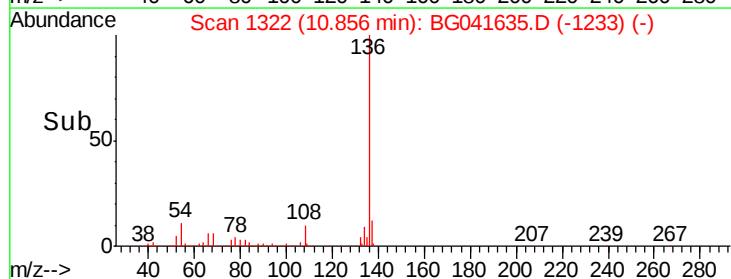
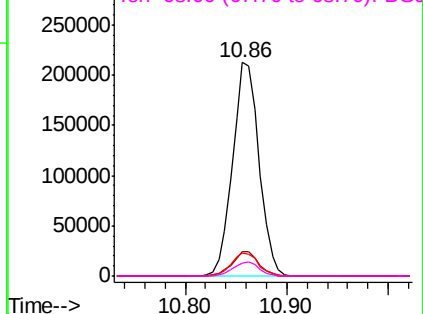
137 11.5 8.8 13.2

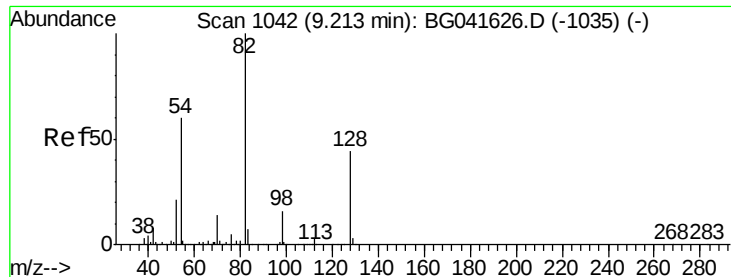
54 10.9 6.4 9.6#

68 6.2 4.8 7.2



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

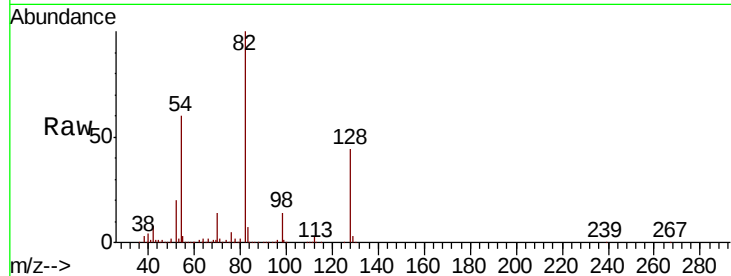




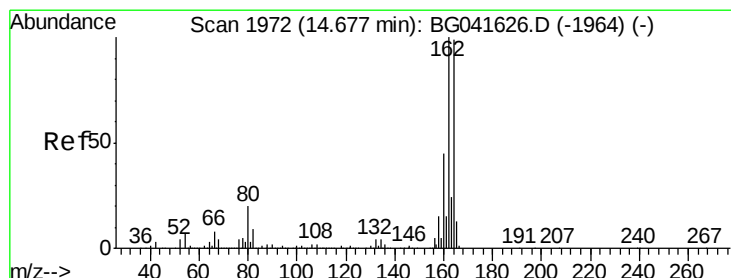
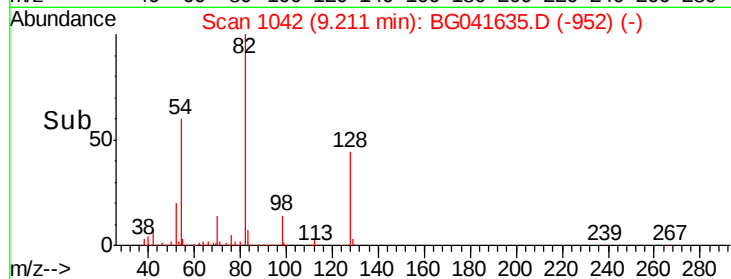
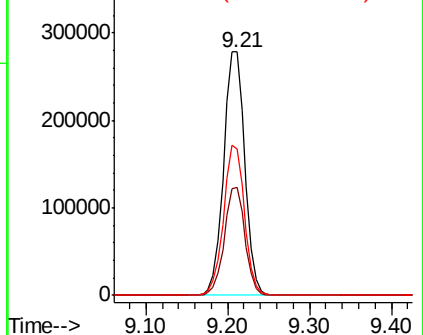
#23
Nitrobenzene-d5
Concen: 80.021 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Instrument :
BNA_G
ClientSampleId :
SP19-JMW0961

Tot Ion	82	Resp	503067
Ion Ratio	Lower	Upper	
82	100		
128	44.3	29.2	43.8#
54	60.0	43.4	65.0

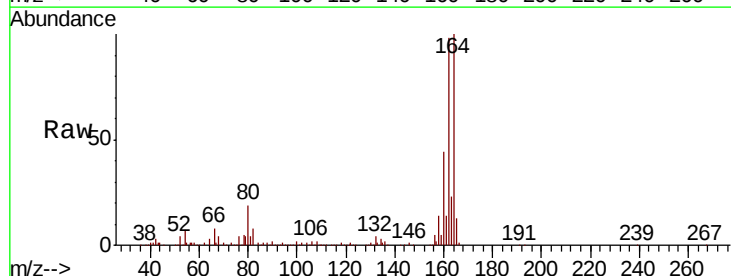


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

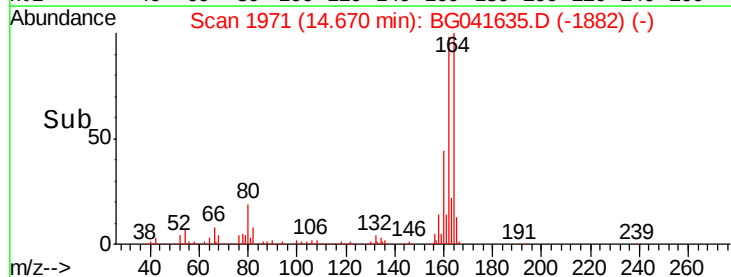
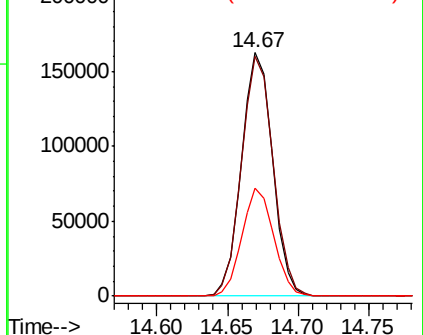


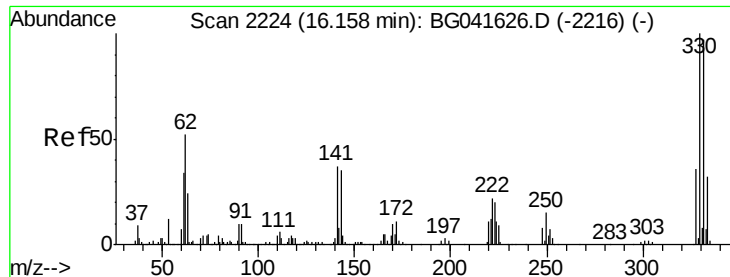
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Tgt Ion	164	Resp	250835
Ion Ratio	Lower	Upper	
164	100		
162	98.4	82.8	124.2
160	44.2	35.8	53.8



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

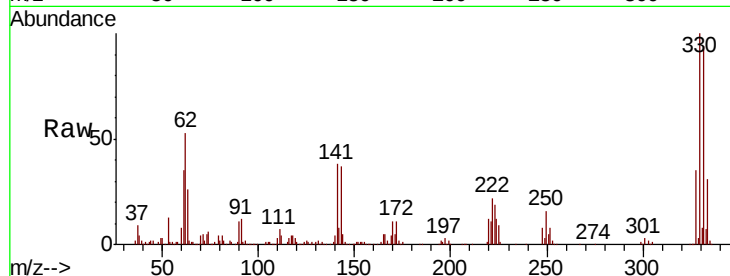




#42
 2,4,6-Tribromophenol
 Concen: 115.614 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG041635.D
 Acq: 12 Jul 2019 11:45

Instrument :
 BNA_G
 ClientSampleId :
 SP19-JMW0961

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.5	113.3
141	40.2	29.0	43.4

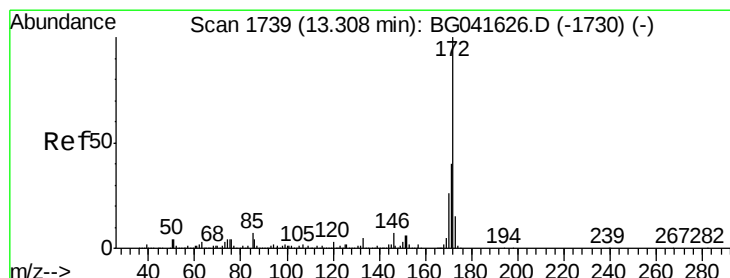
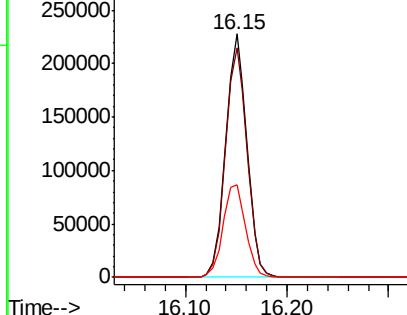
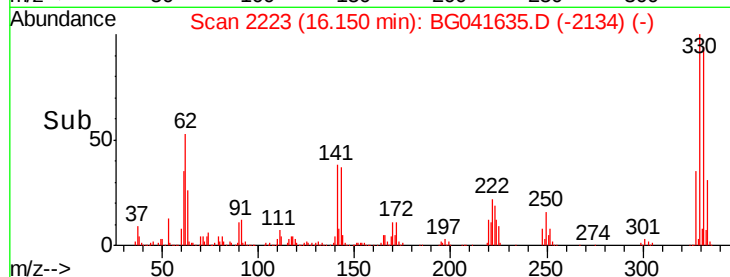


Abundance

Ion 329.80 (329.50 to 330.50): E

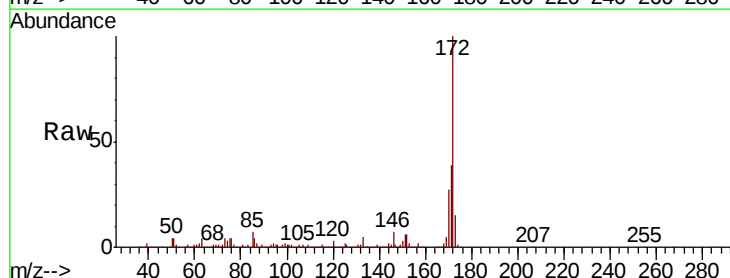
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.565 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG041635.D
 Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.0	45.0
170	26.6	19.8	29.6

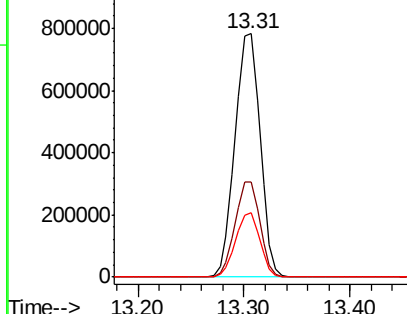
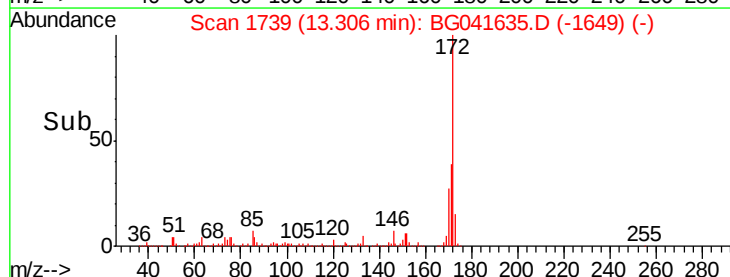


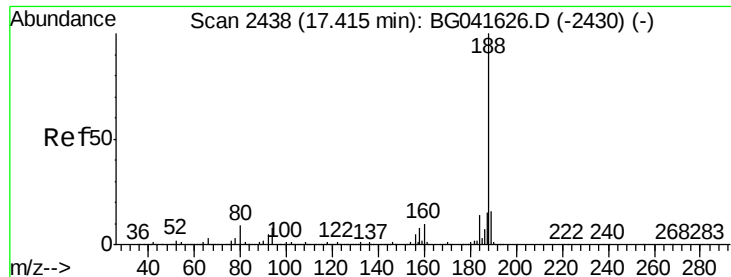
Abundance

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. -0.01 min

Lab File: BG041635.D

Acq: 12 Jul 2019 11:45

Instrument :

BNA_G

ClientSampleId :

SP19-JMW0961

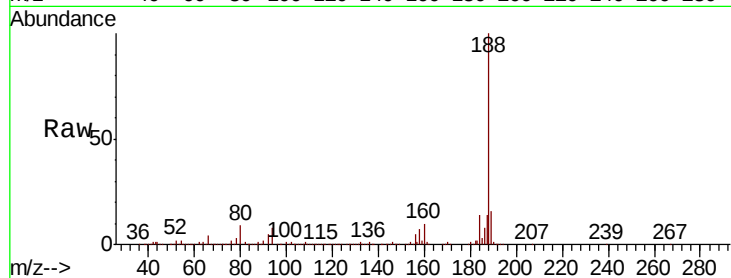
Tot Ion:188 Resp: 604075

Ion Ratio Lower Upper

188 100

94 8.3 3.6 5.4#

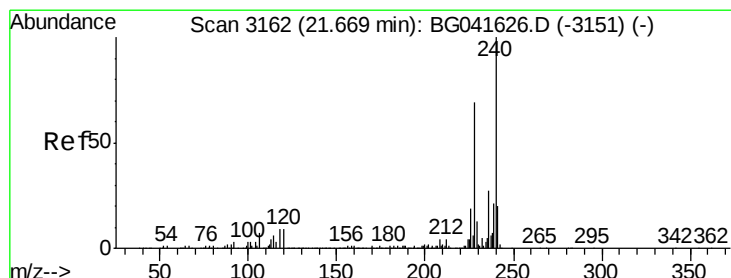
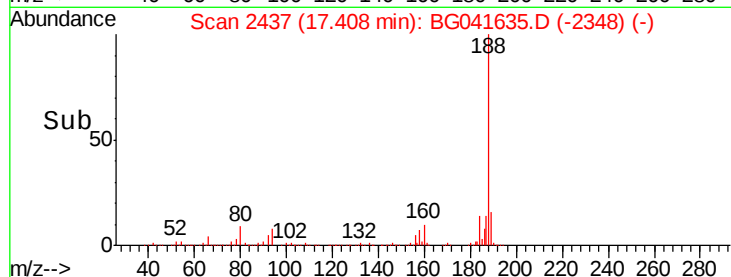
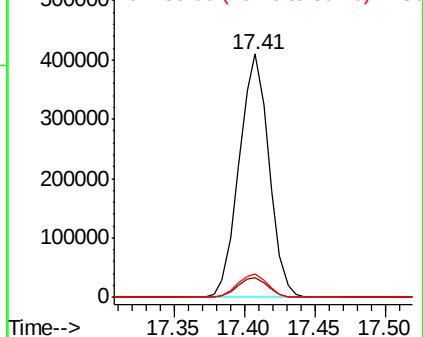
80 9.4 4.8 7.2#



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. -0.01 min

Lab File: BG041635.D

Acq: 12 Jul 2019 11:45

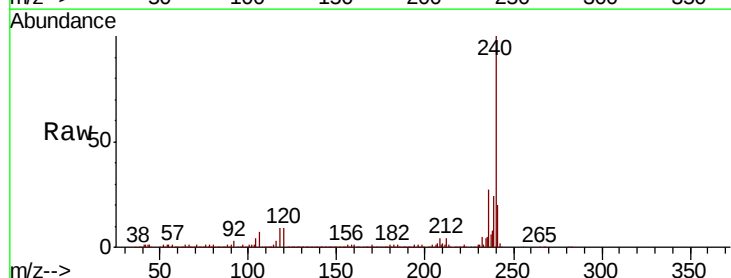
Tgt Ion:240 Resp: 638998

Ion Ratio Lower Upper

240 100

120 8.8 3.7 5.5#

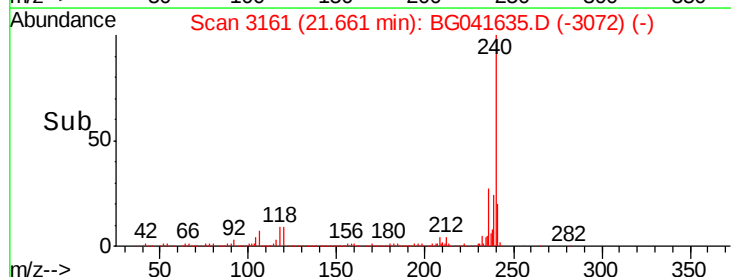
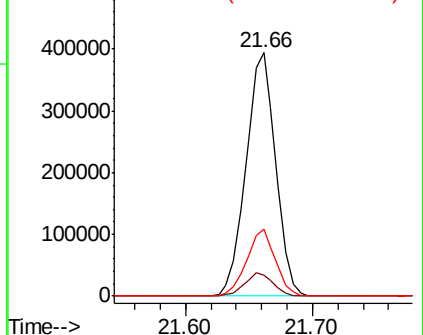
236 27.5 21.1 31.7

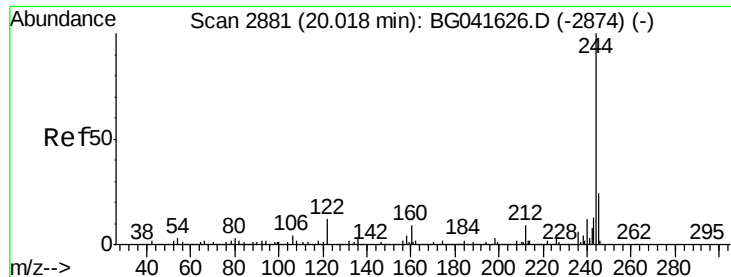


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.641 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG041635.D

Acq: 12 Jul 2019 11:45

Instrument :

BNA_G

ClientSampleId :

SP19-JMW0961

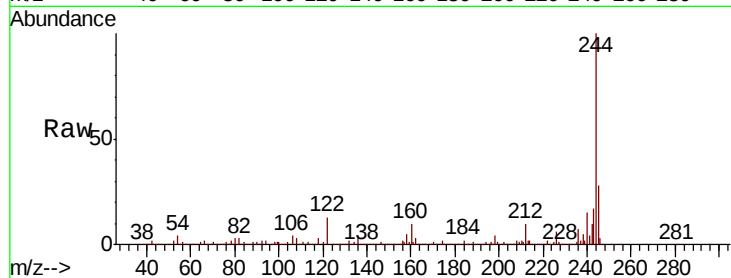
Tot Ion:244 Resp: 2108355

Ion Ratio Lower Upper

244 100

212 10.5 6.6 10.0#

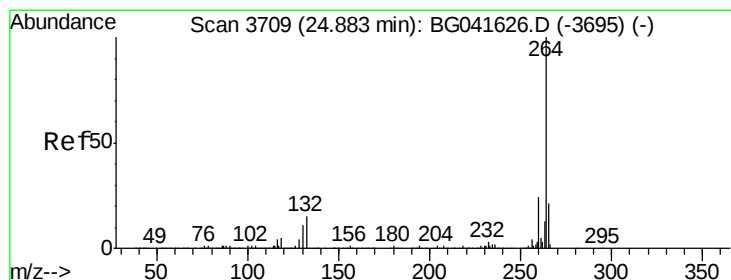
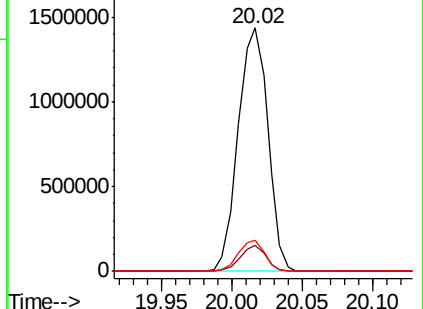
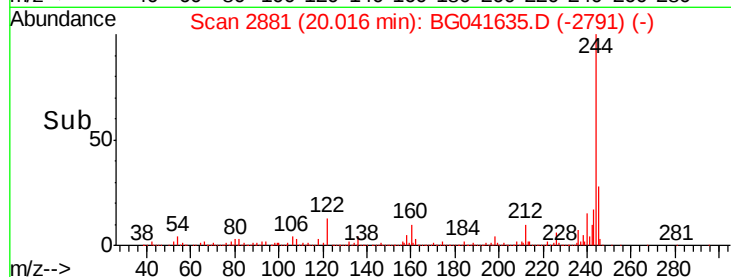
122 12.6 5.0 7.4#



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: 24.86 min Scan# 3705

Delta R.T. -0.03 min

Lab File: BG041635.D

Acq: 12 Jul 2019 11:45

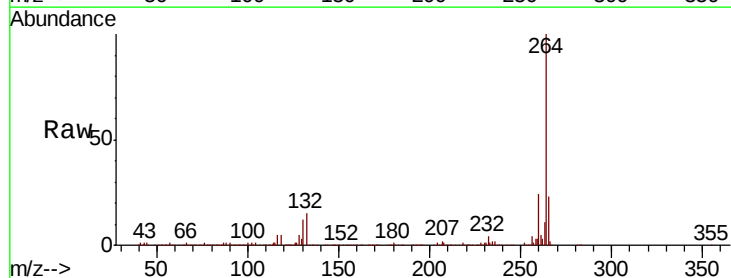
Tgt Ion:264 Resp: 713997

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.2

265 22.5 17.2 25.8



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

