

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071219\
 Data File : BG041637.D
 Acq On : 12 Jul 2019 13:02
 Operator : HP/JU
 Sample : K3636-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP19-MMW0002

Quant Time: Jul 12 15:34:49 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

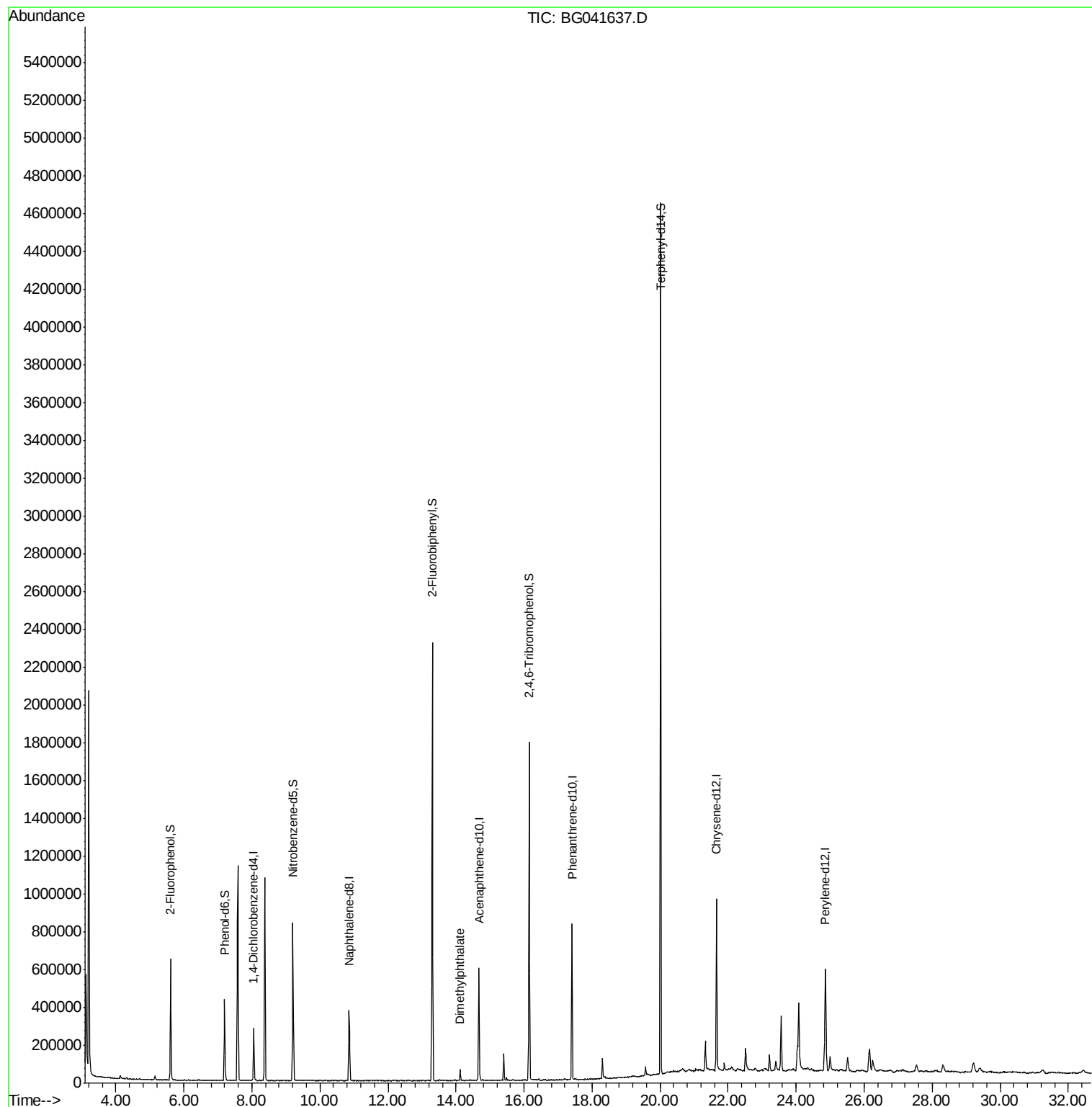
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	80749	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	323810	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	206298	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	503731	20.00	ng	0.00
76) Chrysene-d12	21.66	240	523472	20.00	ng	-0.01
87) Perylene-d12	24.86	264	577375	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	273874	56.92	ng	0.00
7) Phenol-d6	7.20	99	239274	36.70	ng	0.00
23) Nitrobenzene-d5	9.21	82	473061	89.03	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	312349	132.40	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1222944	93.20	ng	0.00
79) Terphenyl-d14	20.02	244	1982476	92.56	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	40611	2.512	ng	Qvalue # 99

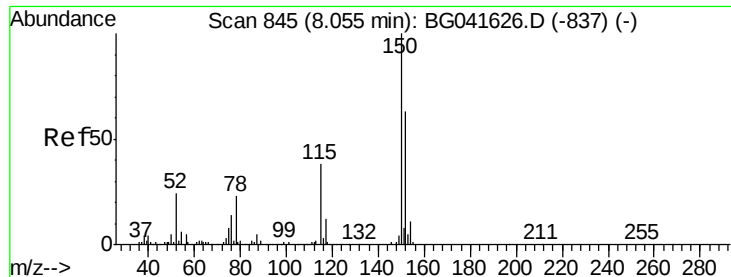
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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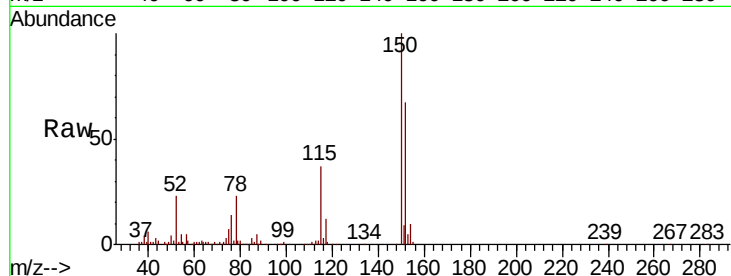


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041637.D
Acq: 12 Jul 2019 13:02

Instrument :
BNA_G
ClientSampleId :
SP19-MMW0002

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	120.6	181.0
115	55.0	47.9	71.9

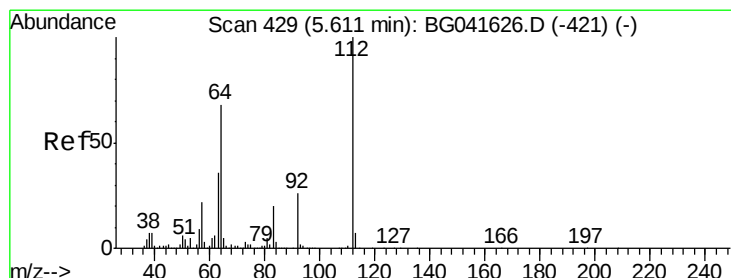
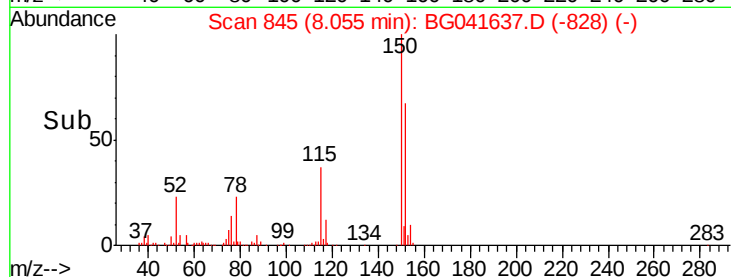
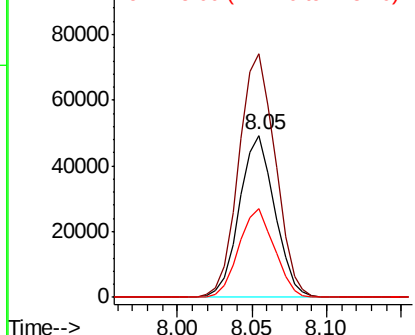


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

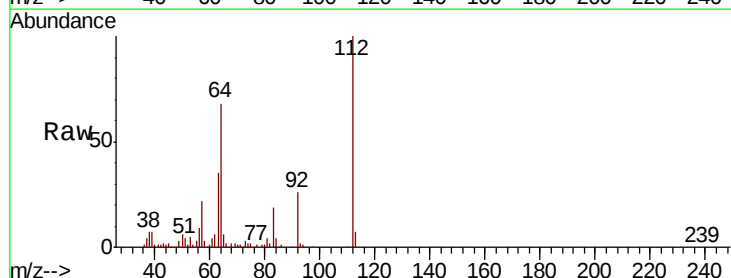
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 56.915 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041637.D
Acq: 12 Jul 2019 13:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	55.9	83.9
63	34.8	34.6	51.8

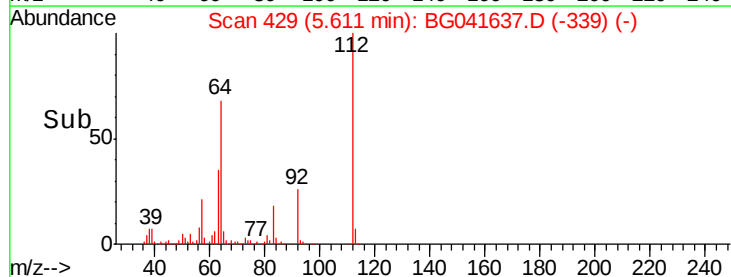
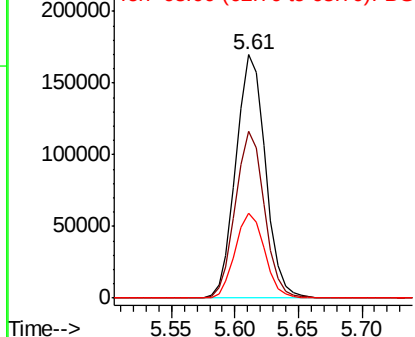


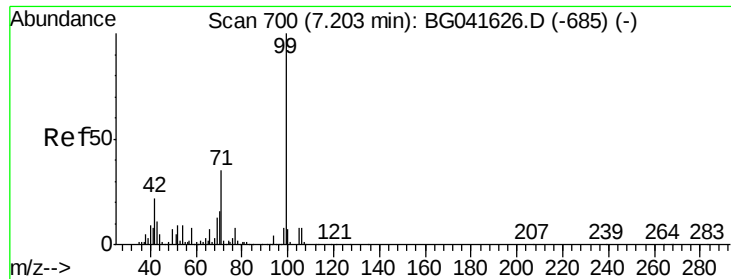
Abundance

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: 36.703 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041637.D

Acq: 12 Jul 2019 13:02

Instrument :

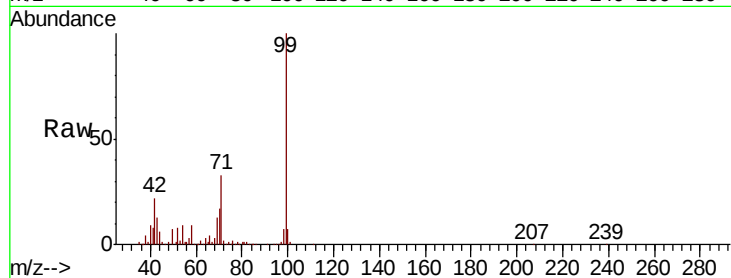
BNA_G

ClientSampleId :

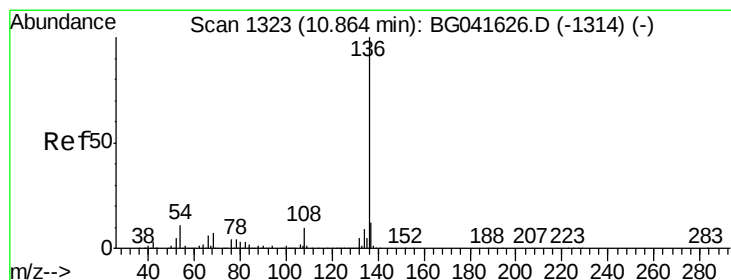
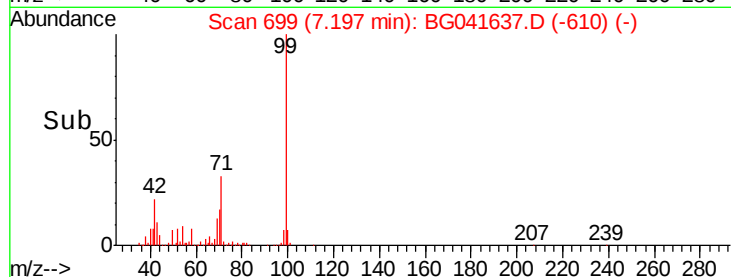
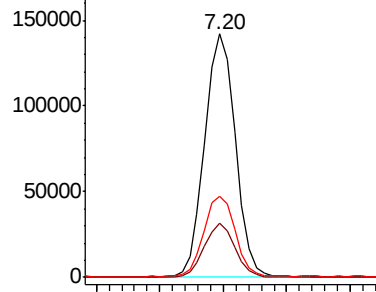
SP19-MMW0002

Tot Ion: 99 Resp: 239274

Ion	Ratio	Lower	Upper
99	100		
42	22.2	19.9	29.9
71	33.2	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

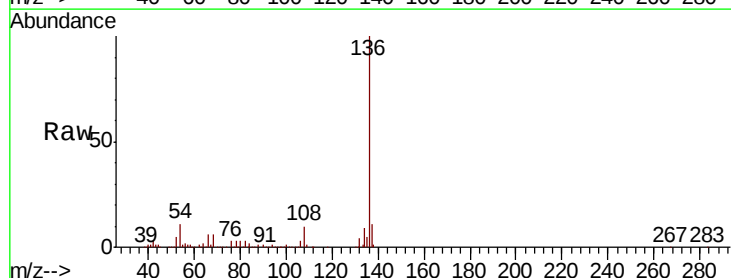
Delta R.T. -0.01 min

Lab File: BG041637.D

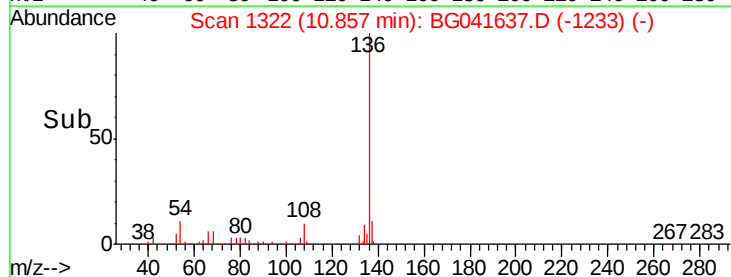
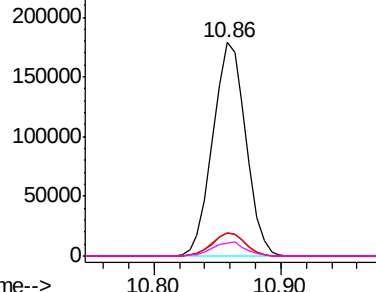
Acq: 12 Jul 2019 13:02

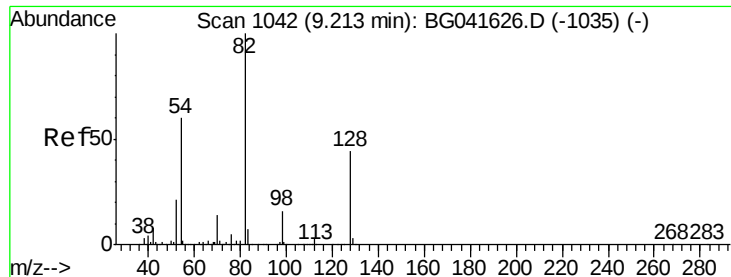
Tgt Ion: 136 Resp: 323810

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.1	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

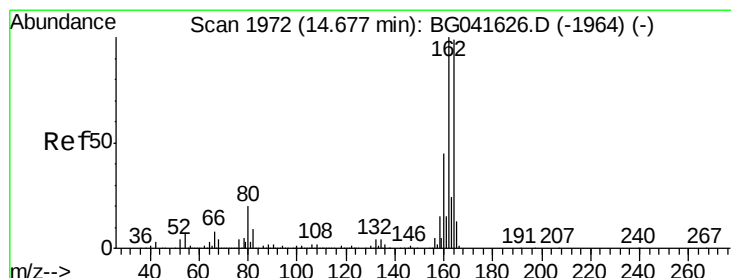
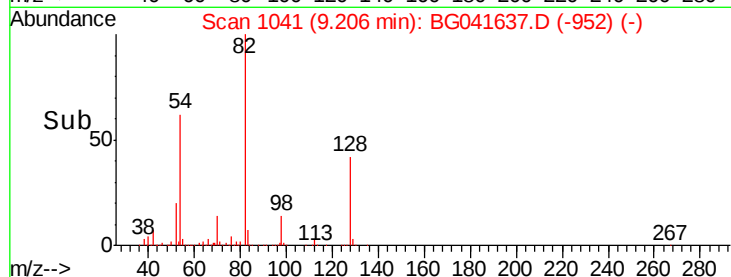
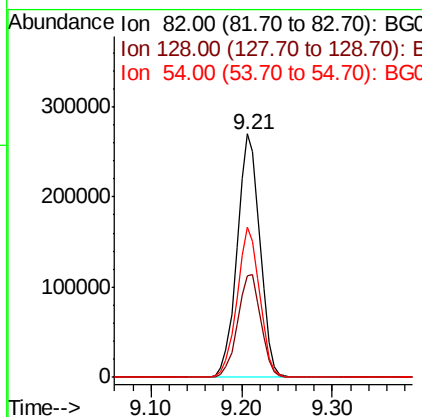
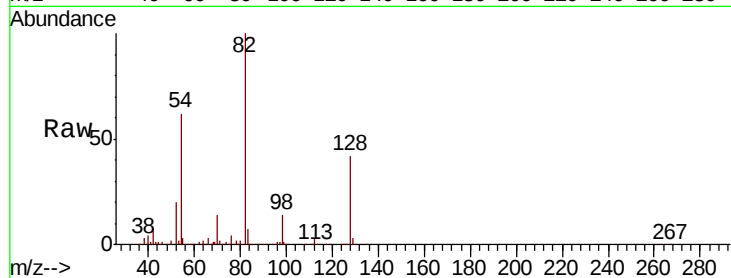




#23
 Nitrobenzene-d5
 Concen: 89.035 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041637.D
 Acq: 12 Jul 2019 13:02

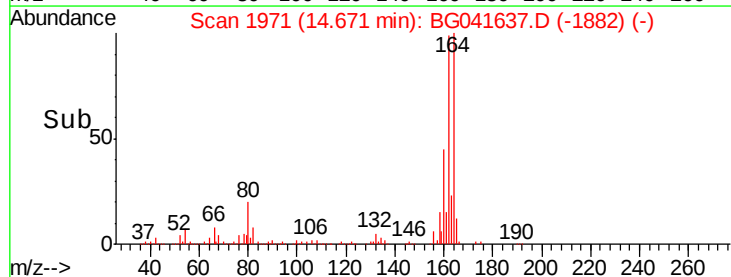
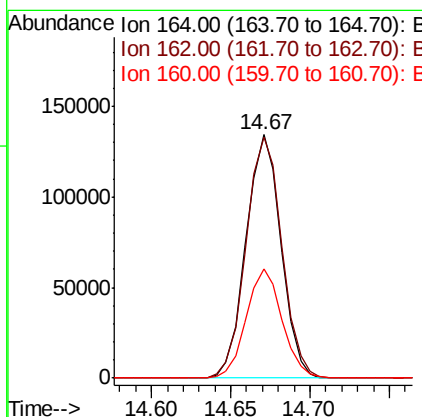
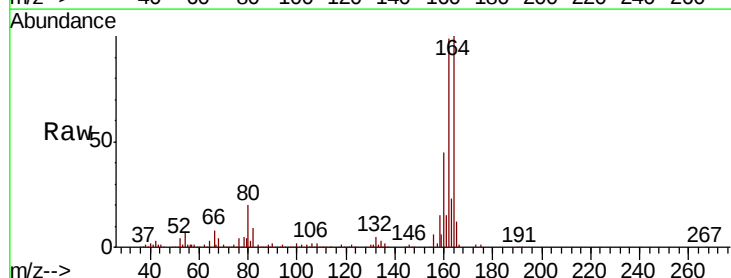
Instrument :
 BNA_G
 ClientSampleId :
 SP19-MMW0002

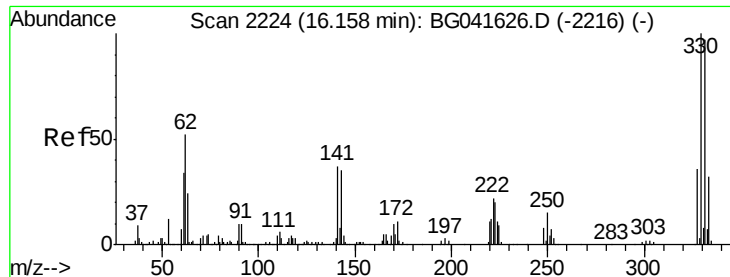
Tot Ion:	82	Resp:	473061
Ion	Ratio	Lower	Upper
82	100		
128	41.8	29.2	43.8
54	61.9	43.4	65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BG041637.D
 Acq: 12 Jul 2019 13:02

Tgt Ion:	164	Resp:	206298
Ion	Ratio	Lower	Upper
164	100		
162	99.0	82.8	124.2
160	44.7	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 132.403 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG041637.D

Acq: 12 Jul 2019 13:02

Instrument :

BNA_G

ClientSampleId :

SP19-MMW0002

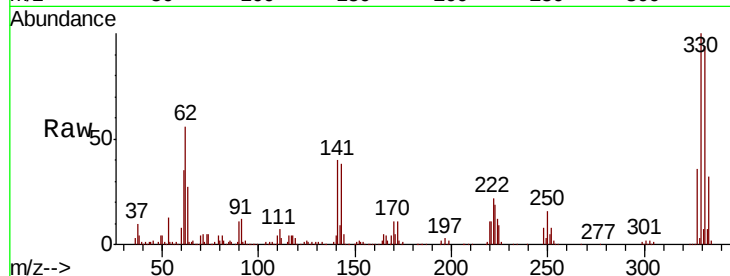
Tot Ion:330 Resp: 312349

Ion Ratio Lower Upper

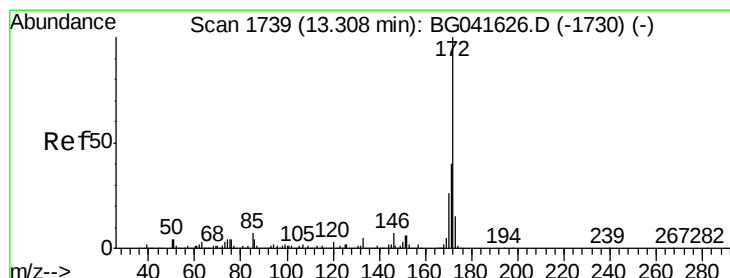
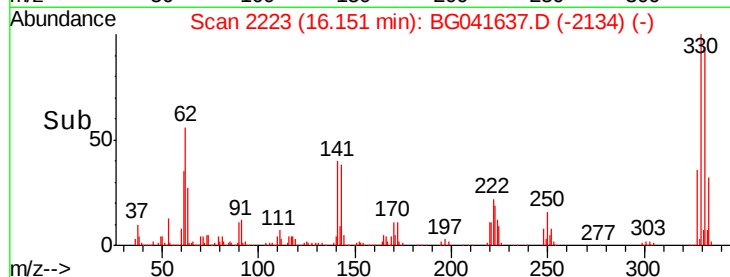
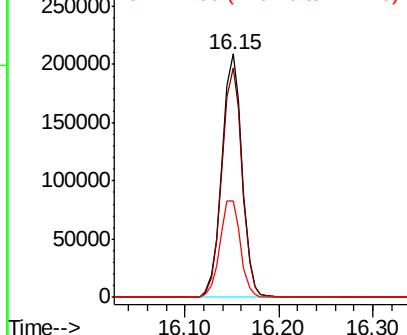
330 100

332 95.5 75.5 113.3

141 40.8 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: 93.197 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.01 min

Lab File: BG041637.D

Acq: 12 Jul 2019 13:02

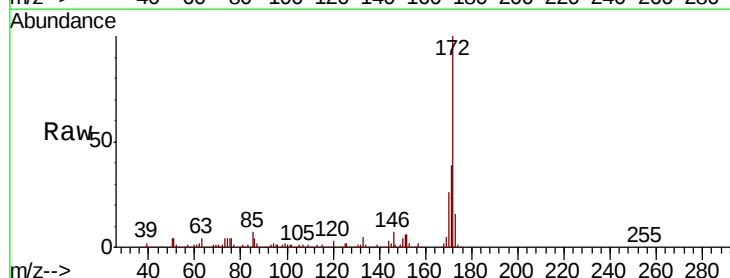
Tgt Ion:172 Resp: 1222944

Ion Ratio Lower Upper

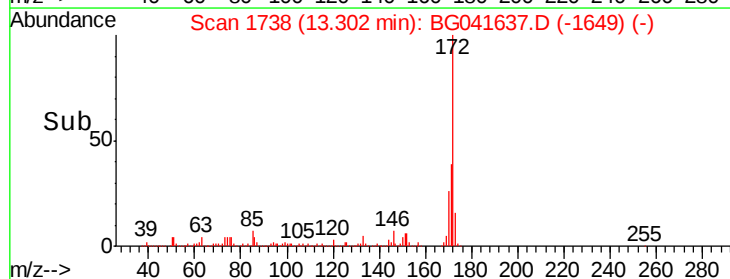
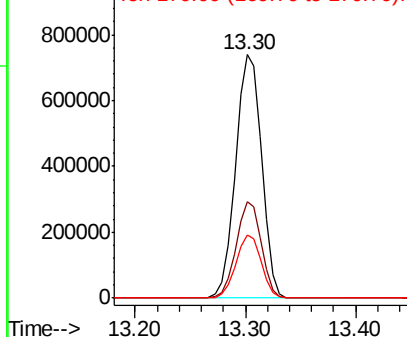
172 100

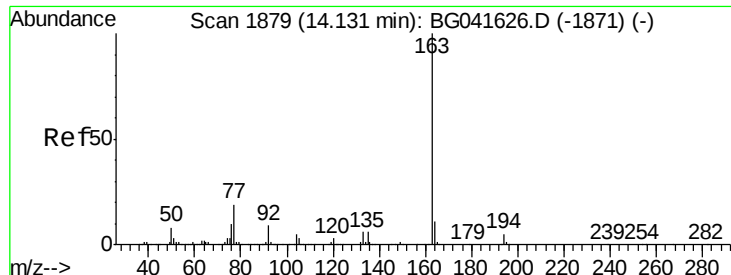
171 39.5 30.0 45.0

170 26.1 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





#50

Dimethylphthalate

Concen: 2.512 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041637.D

Acq: 12 Jul 2019 13:02

Instrument :

BNA_G

ClientSampleId :

SP19-MMW0002

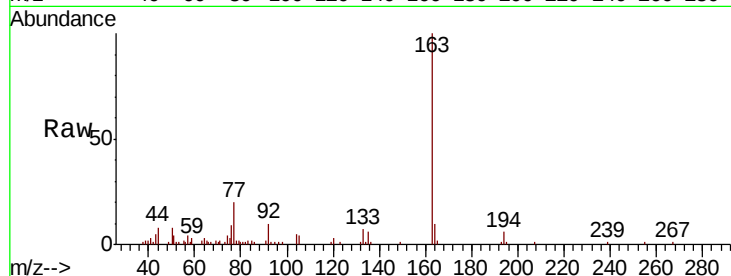
Tot Ion:163 Resp: 40611

Ion Ratio Lower Upper

163 100

194 6.0 3.9 5.9#

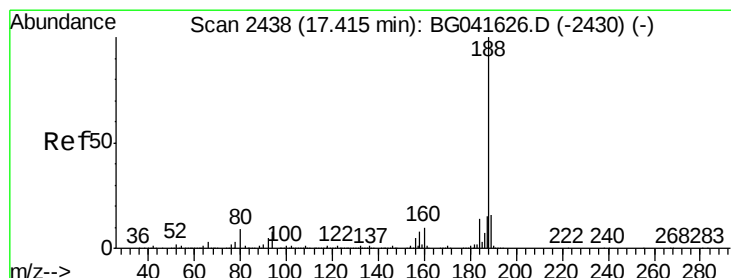
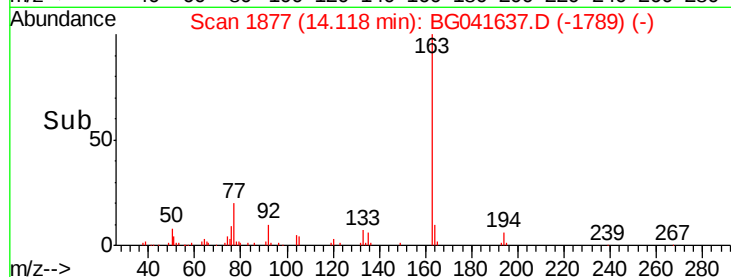
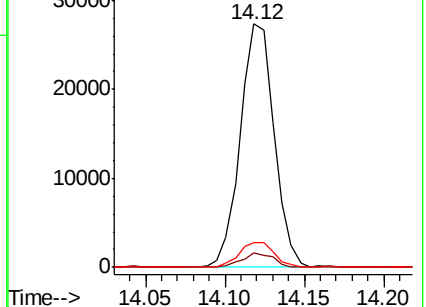
164 10.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG041637.D

Acq: 12 Jul 2019 13:02

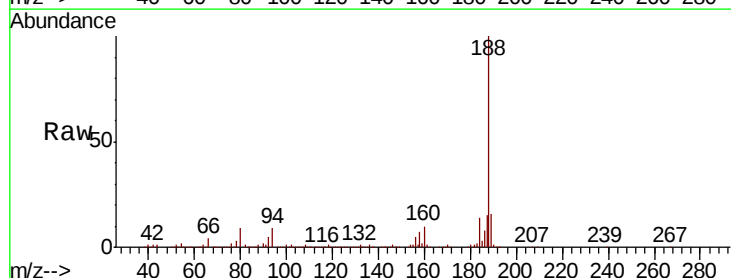
Tgt Ion:188 Resp: 503731

Ion Ratio Lower Upper

188 100

94 8.6 3.6 5.4#

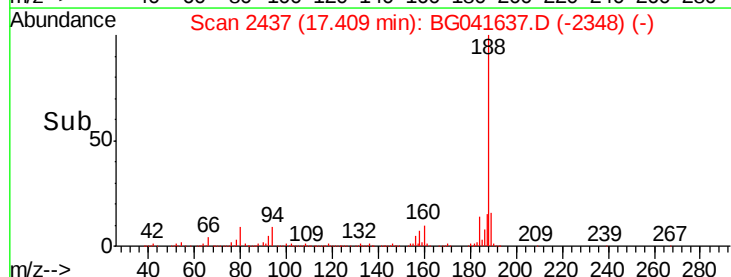
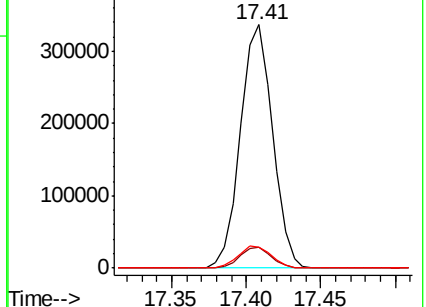
80 8.7 4.8 7.2#

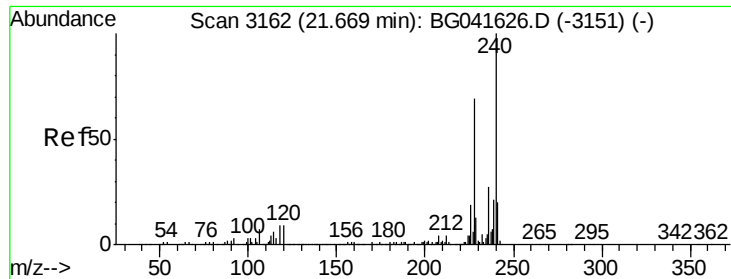


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

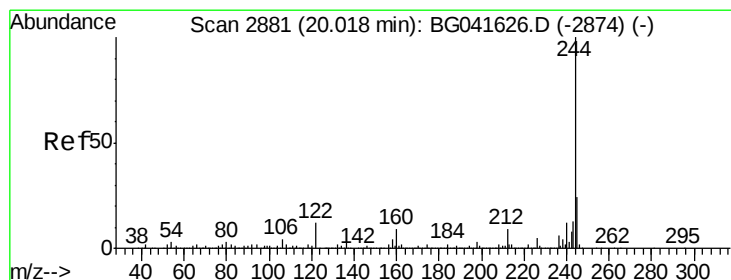
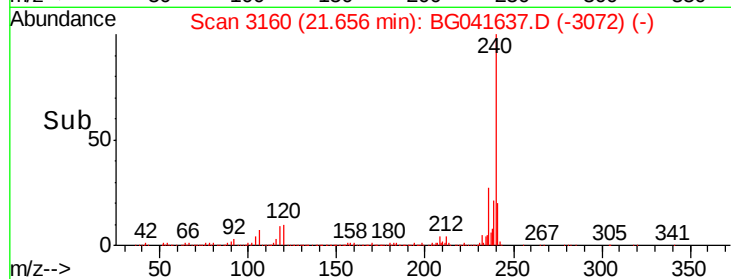
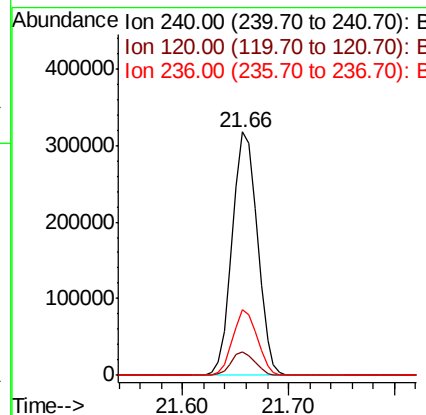
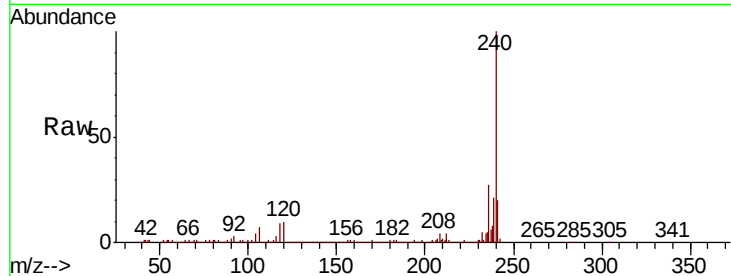




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3160
 Delta R.T. -0.01 min
 Lab File: BG041637.D
 Acq: 12 Jul 2019 13:02

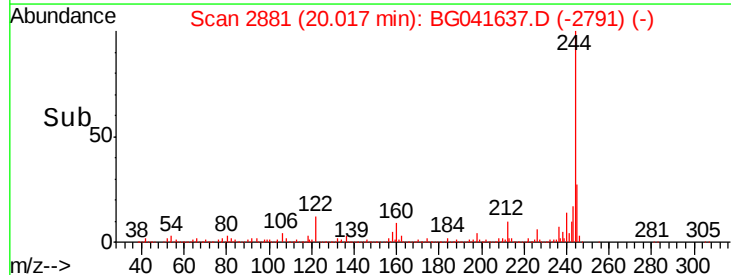
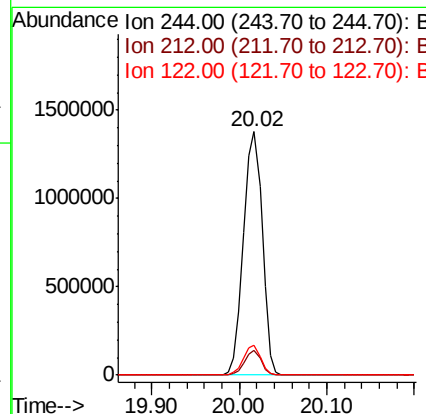
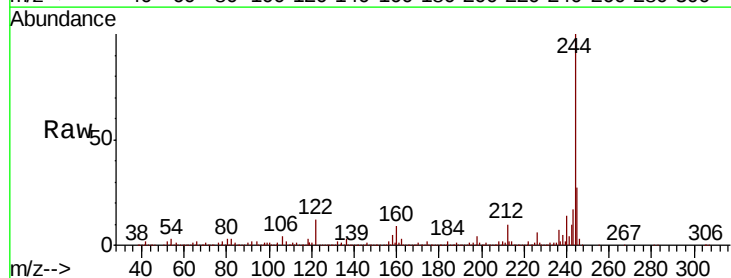
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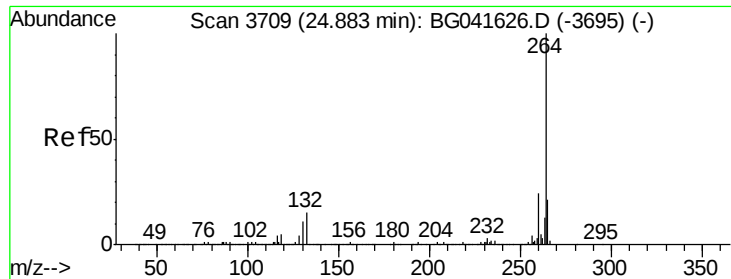
Tot Ion:240 Resp: 523472
 Ion Ratio Lower Upper
 240 100
 120 9.6 3.7 5.5#
 236 27.0 21.1 31.7



#79
 Terphenyl-d14
 Concen: 92.560 ng
 RT: 20.02 min Scan# 2881
 Delta R.T. 0.00 min
 Lab File: BG041637.D
 Acq: 12 Jul 2019 13:02

Tgt Ion:244 Resp: 1982476
 Ion Ratio Lower Upper
 244 100
 212 10.3 6.6 10.0#
 122 12.3 5.0 7.4#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.02 min
Lab File: BG041637.D
Acq: 12 Jul 2019 13:02

Instrument :
BNA_G
ClientSampleId :
SP19-MMW0002

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	17.4	26.2
265	23.7	17.2	25.8

