

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
 Data File : BG042664.D
 Acq On : 1 Sep 2019 14:34
 Operator : HP/JU
 Sample : K4581-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T12-C1-C4-(0-3.5)

Quant Time: Sep 02 07:52:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	25343	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	97633	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	79151	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	212444	20.00	ng	0.00
76) Chrysene-d12	21.68	240	236700	20.00	ng	-0.02
87) Perylene-d12	24.93	264	275261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	168381	134.56	ng	0.00
7) Phenol-d6	7.16	99	208529	123.37	ng	0.00
23) Nitrobenzene-d5	9.17	82	141849	100.40	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	188625	167.67	ng	-0.02
45) 2-Fluorobiphenyl	13.27	172	483889	103.40	ng	0.00
79) Terphenyl-d14	20.02	244	1211588	110.66	ng	0.00

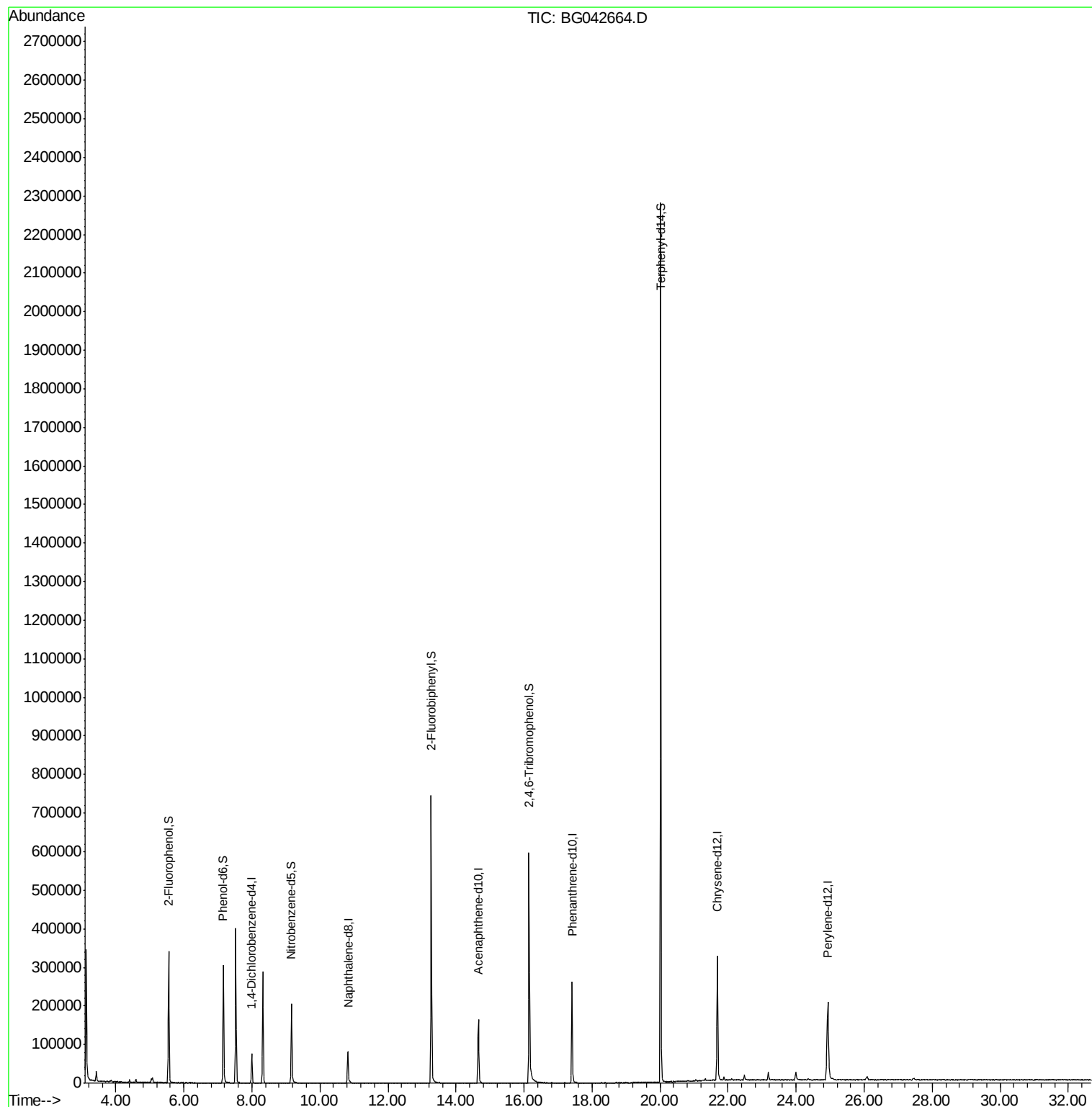
Target Compounds Qvalue

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

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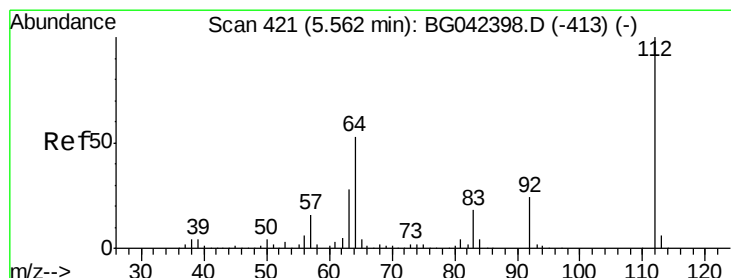
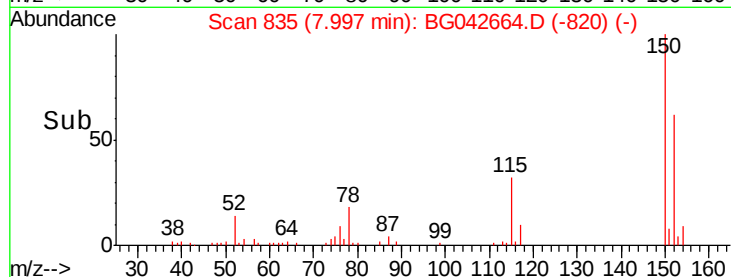
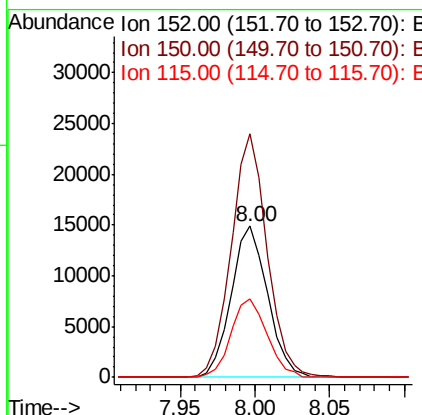
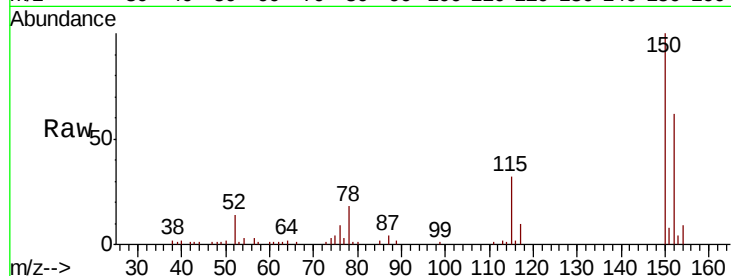


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042664.D
 Acq: 1 Sep 2019 14:34

Instrument :
 BNA_G
 ClientSampleId :
 T12-C1-C4-(0-3.5)

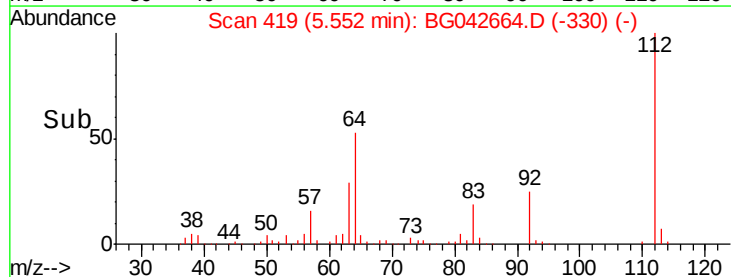
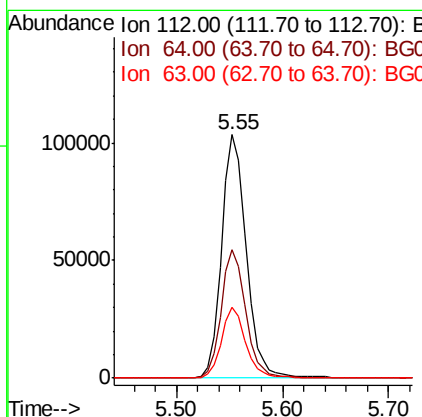
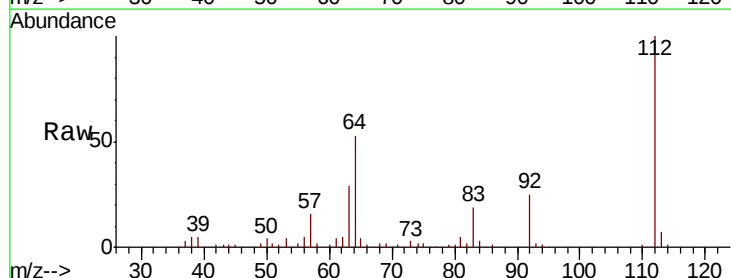
Tot Ion:152 Resp: 25343
 Ion Ratio Lower Upper
 152 100
 150 161.4 125.4 188.0
 115 51.9 38.5 57.7

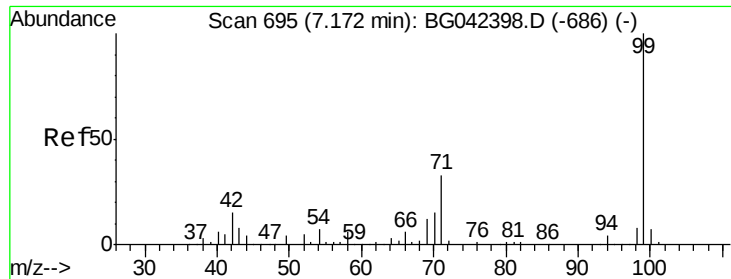


#5

2-Fluorophenol
 Concen: 134.562 ng
 RT: 5.55 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BG042664.D
 Acq: 1 Sep 2019 14:34

Tgt Ion:112 Resp: 168381
 Ion Ratio Lower Upper
 112 100
 64 52.5 42.8 64.2
 63 28.8 22.7 34.1





#7

Phenol-d6

Concen: 123.371 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042664.D

Acq: 1 Sep 2019 14:34

Instrument :

BNA_G

ClientSampleId :

T12-C1-C4-(0-3.5)

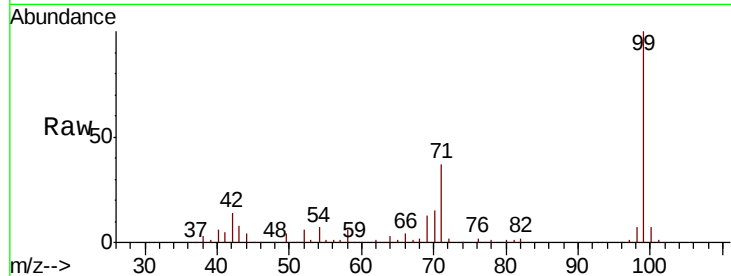
Tot Ion: 99 Resp: 208529

Ion Ratio Lower Upper

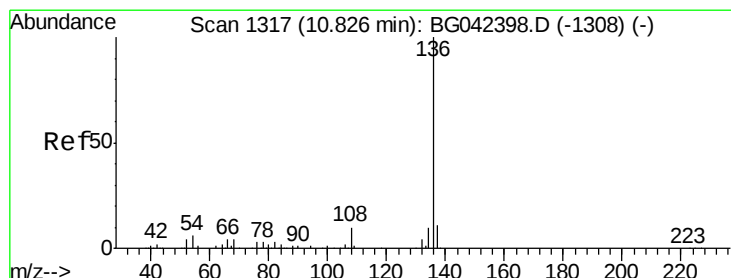
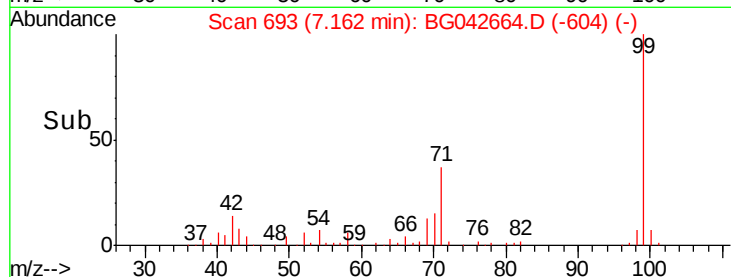
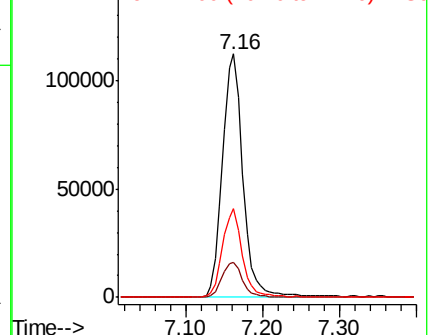
99 100

42 14.5 12.0 18.0

71 36.6 26.3 39.5



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: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042664.D

Acq: 1 Sep 2019 14:34

Tgt Ion: 136 Resp: 97633

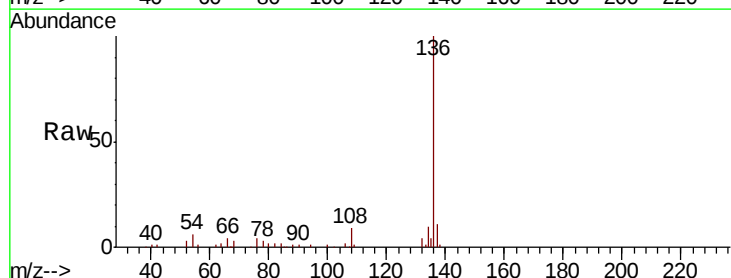
Ion Ratio Lower Upper

136 100

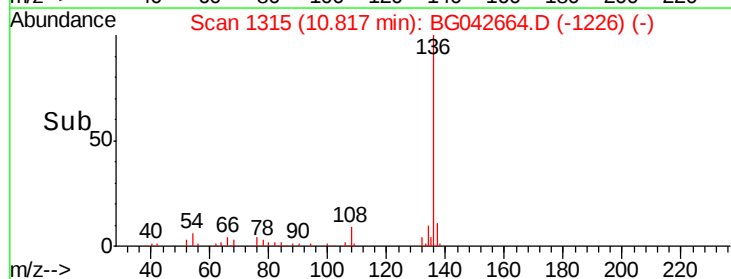
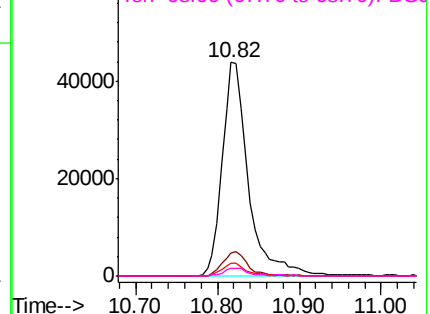
137 10.7 8.7 13.1

54 6.1 4.9 7.3

68 3.3 3.6 5.4#



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

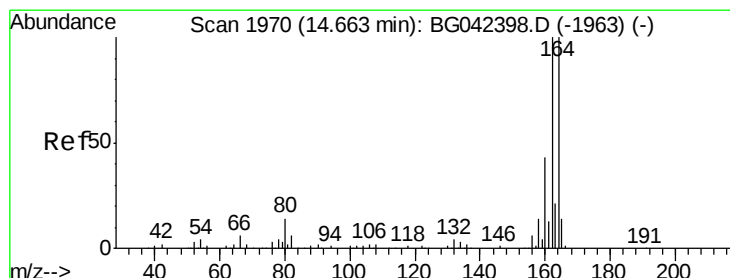
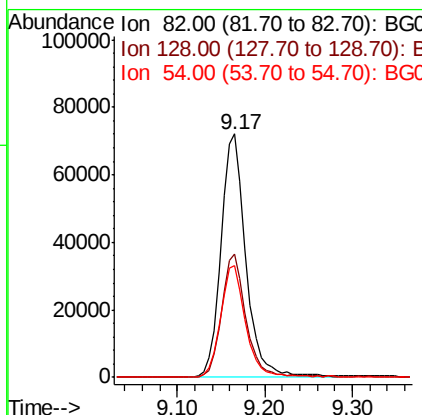
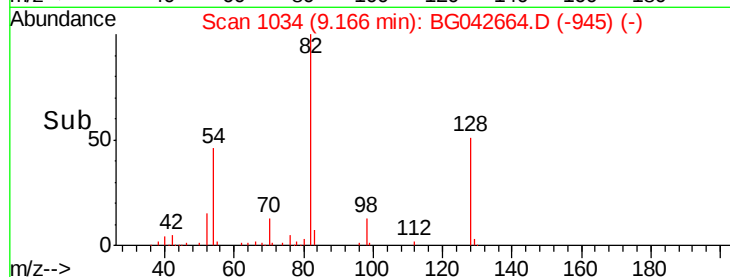
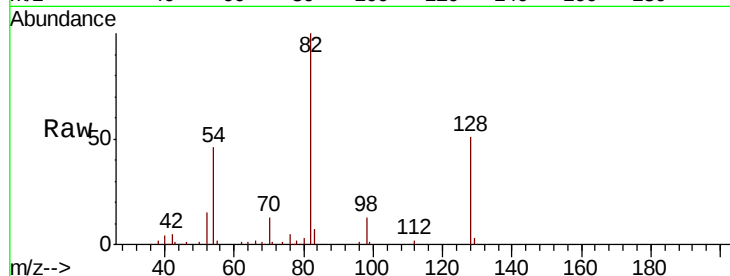




#23
Nitrobenzene-d5
Concen: 100.400 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042664.D
Acq: 1 Sep 2019 14:34

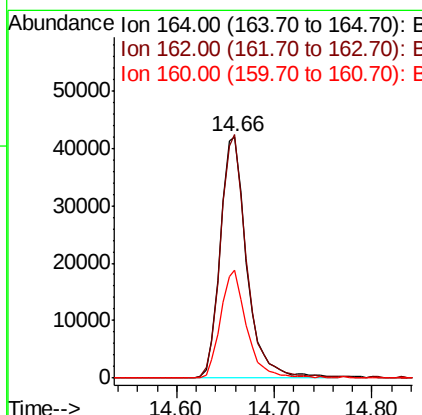
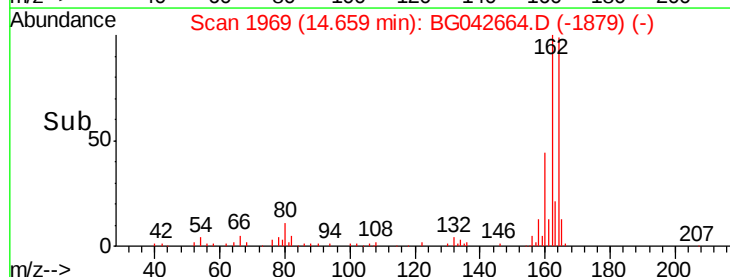
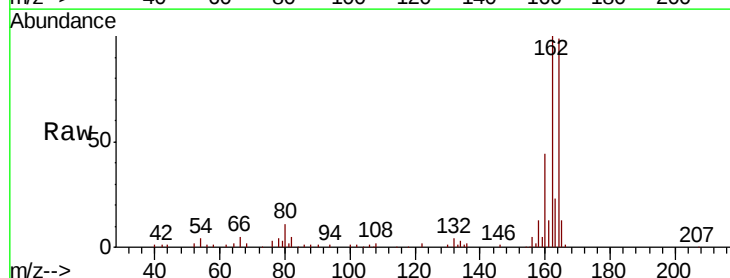
Instrument :
BNA_G
ClientSampleId :
T12-C1-C4-(0-3.5)

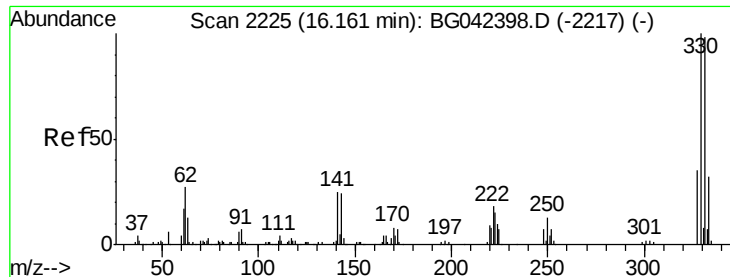
Tot Ion: 82 Resp: 141849
Ion Ratio Lower Upper
82 100
128 50.7 40.7 61.1
54 45.9 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042664.D
Acq: 1 Sep 2019 14:34

Tgt Ion:164 Resp: 79151
Ion Ratio Lower Upper
164 100
162 101.0 79.9 119.9
160 44.6 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 167.666 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BG042664.D

Acq: 1 Sep 2019 14:34

Instrument :

BNA_G

ClientSampleId :

T12-C1-C4-(0-3.5)

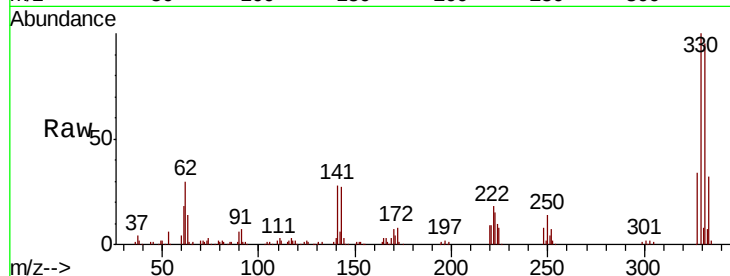
Tot Ion:330 Resp: 188625

Ion Ratio Lower Upper

330 100

332 99.3 77.4 116.0

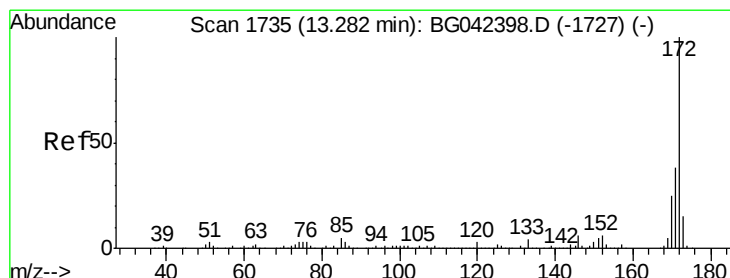
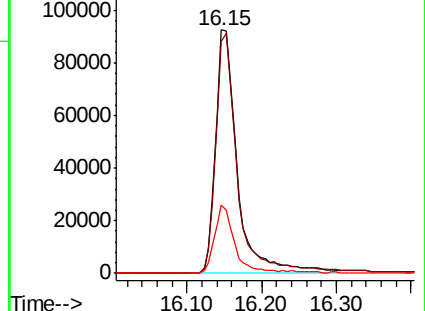
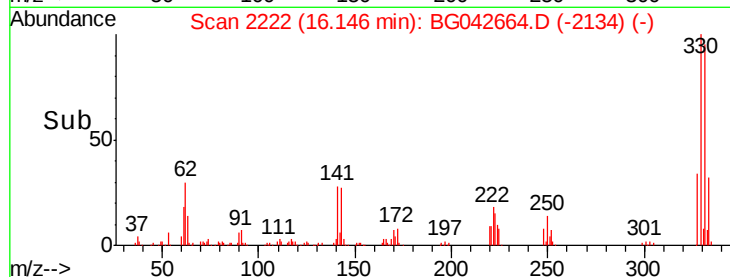
141 25.9 21.4 32.0



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: 103.397 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BG042664.D

Acq: 1 Sep 2019 14:34

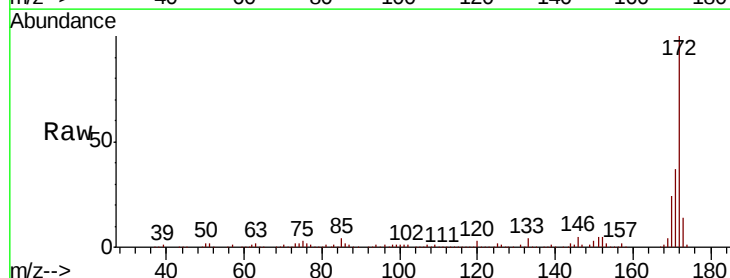
Tgt Ion:172 Resp: 483889

Ion Ratio Lower Upper

172 100

171 36.6 30.5 45.7

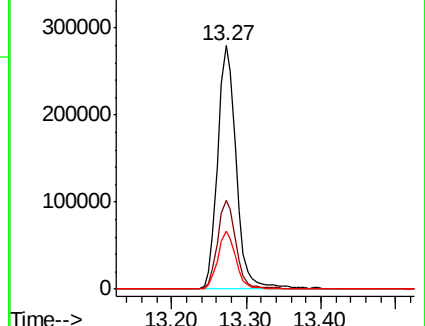
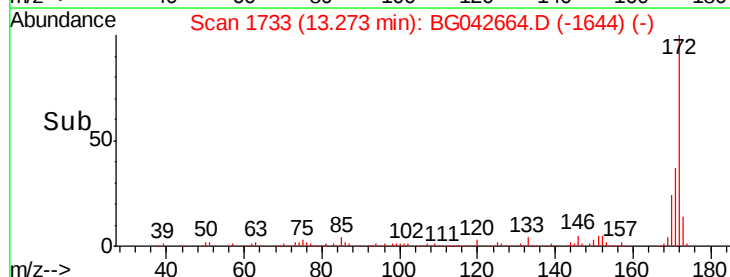
170 23.6 20.2 30.2



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: BG042664.D

Acq: 1 Sep 2019 14:34

Instrument :

BNA_G

ClientSampleId :

T12-C1-C4-(0-3.5)

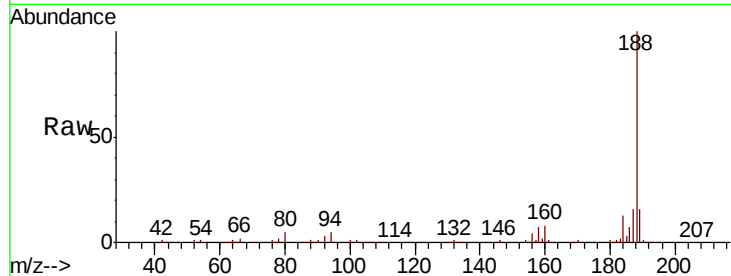
Tot Ion:188 Resp: 212444

Ion Ratio Lower Upper

188 100

94 5.1 4.5 6.7

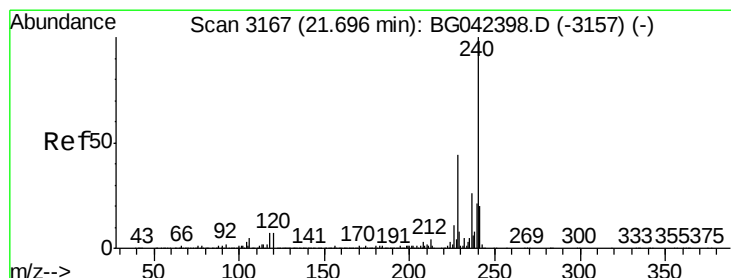
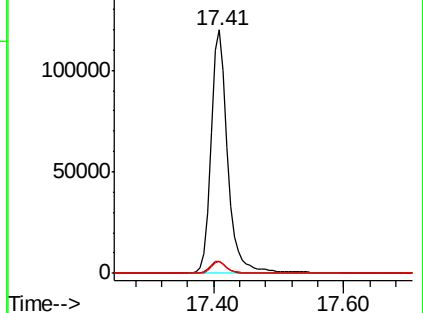
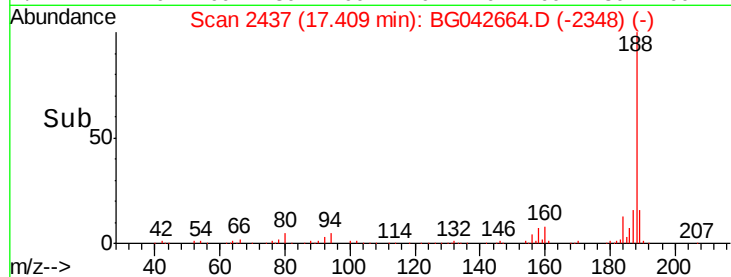
80 5.1 4.9 7.3



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: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG042664.D

Acq: 1 Sep 2019 14:34

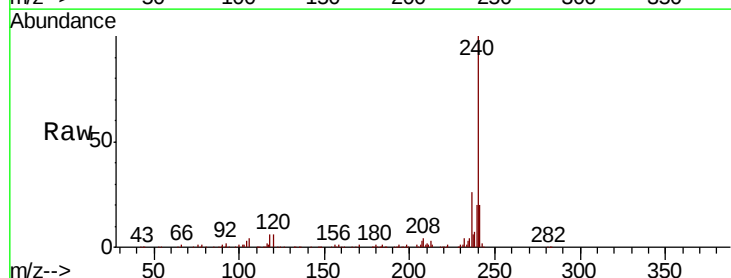
Tgt Ion:240 Resp: 236700

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

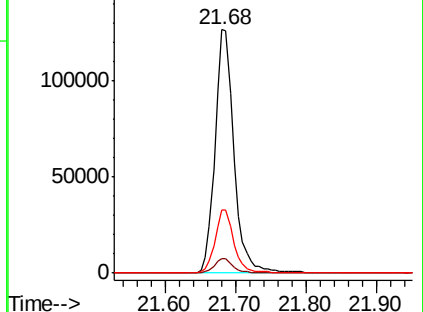
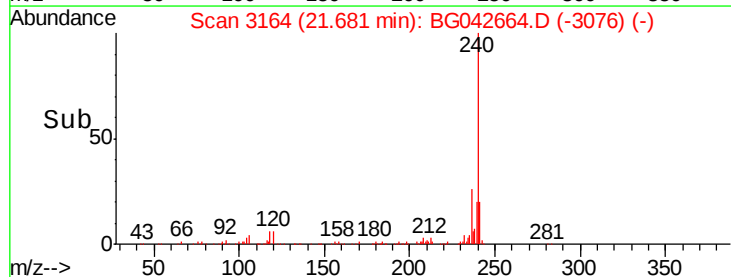
236 25.9 21.0 31.4



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: 110.661 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042664.D

Acq: 1 Sep 2019 14:34

Instrument :

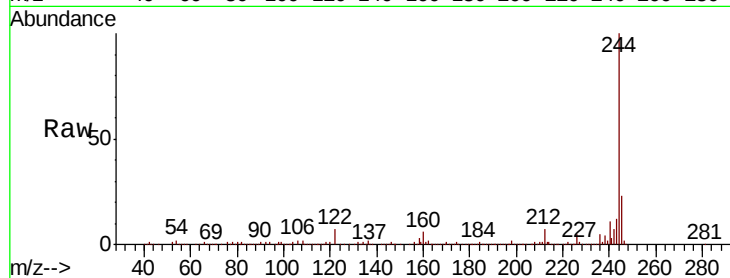
BNA_G

ClientSampleId :

T12-C1-C4-(0-3.5)

Tot Ion:244 Resp: 1211588

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	6.9	6.7	10.1

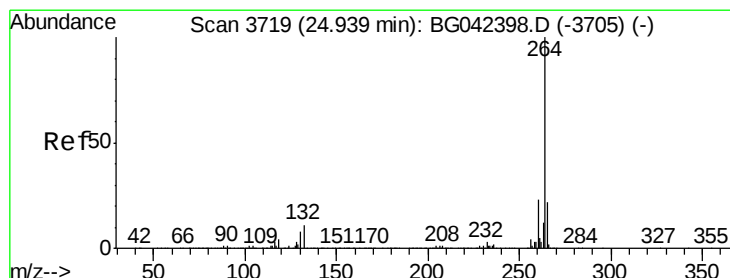
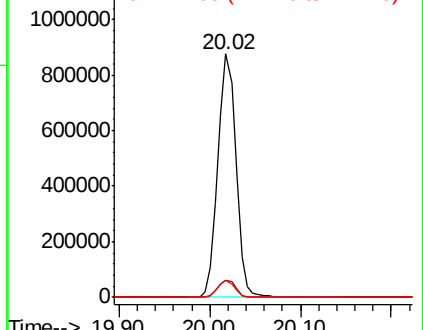
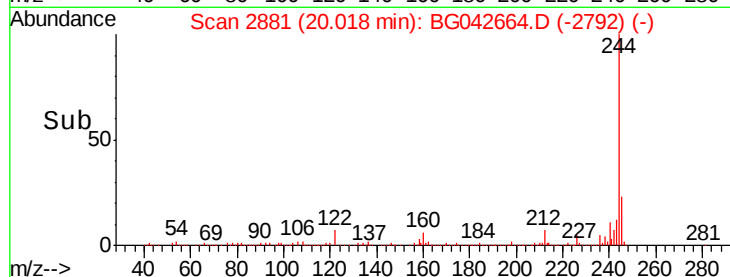


Abundance

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: 24.93 min Scan# 3717

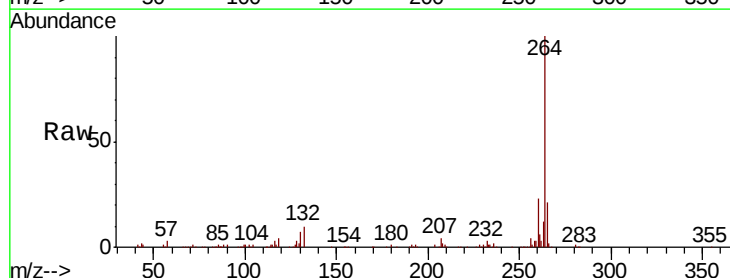
Delta R.T. -0.01 min

Lab File: BG042664.D

Acq: 1 Sep 2019 14:34

Tgt Ion:264 Resp: 275261

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	20.6	17.6	26.4



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

