

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041693.D
 Acq On : 17 Jul 2019 18:25
 Operator : HP/JU
 Sample : K3835-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)

Quant Time: Jul 18 07:29:18 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

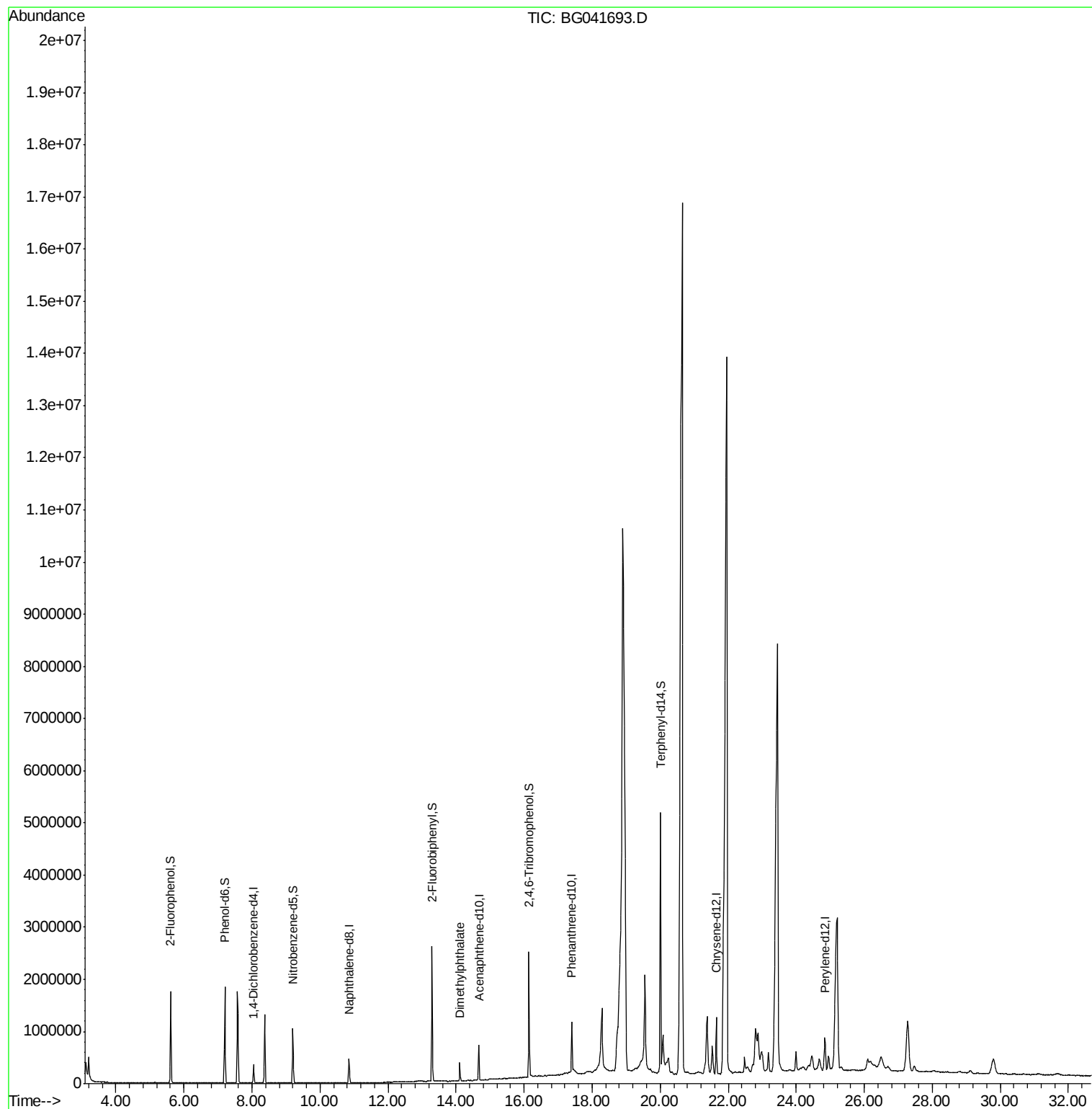
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	102420	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	405163	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	239871	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	584968	20.00	ng	0.00
76) Chrysene-d12	21.65	240	634534	20.00	ng	-0.01
87) Perylene-d12	24.84	264	686797	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	772605	123.32	ng	0.00
7) Phenol-d6	7.20	99	1052109	124.85	ng	0.00
23) Nitrobenzene-d5	9.20	82	629572	94.50	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	438415	162.18	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1366478	88.21	ng	0.00
79) Terphenyl-d14	20.01	244	2194770	80.83	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	242072	12.849	ng	Qvalue 97

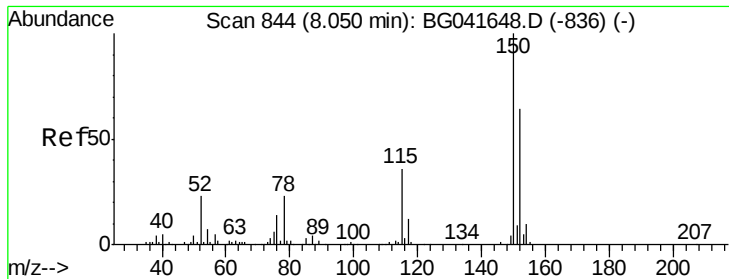
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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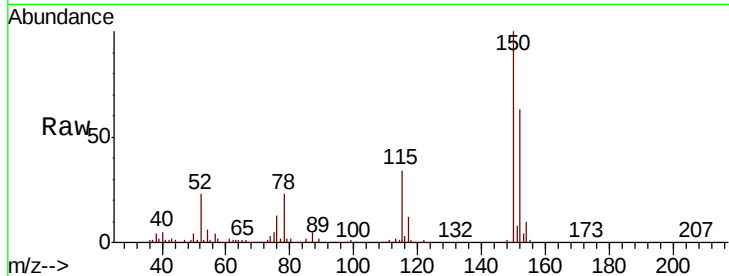


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041693.D
Acq: 17 Jul 2019 18:25

Instrument :
BNA_G
ClientSampled :
SB-4(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.9	190.3
115	54.1	45.0	67.6

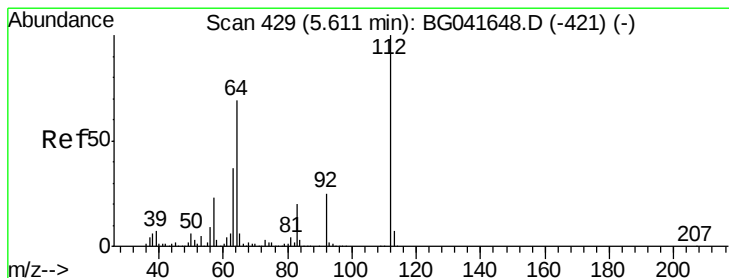
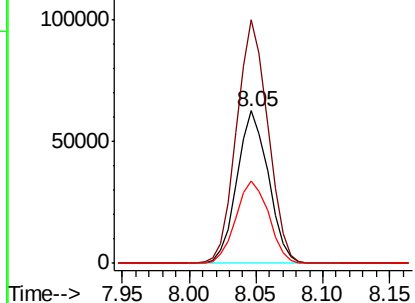
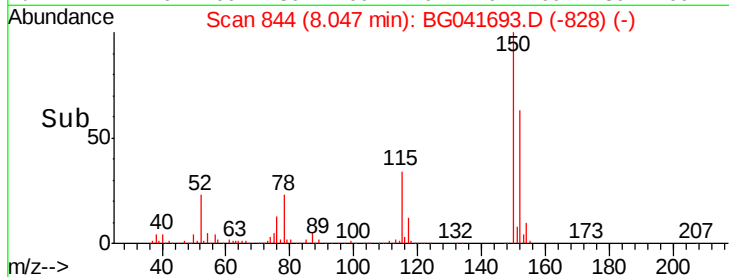


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

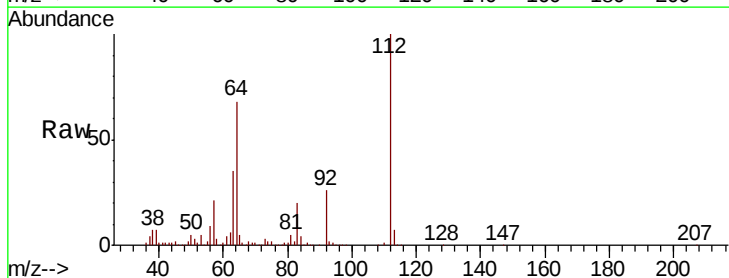
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.317 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG041693.D
Acq: 17 Jul 2019 18:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	55.4	83.2
63	34.9	29.1	43.7

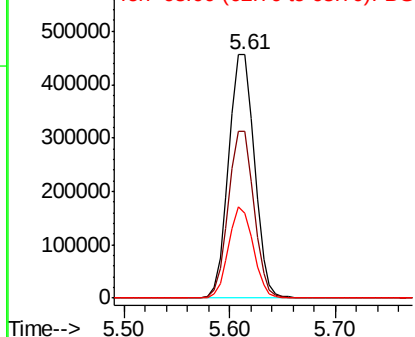
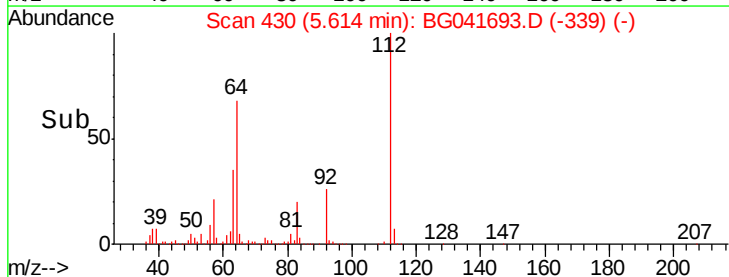


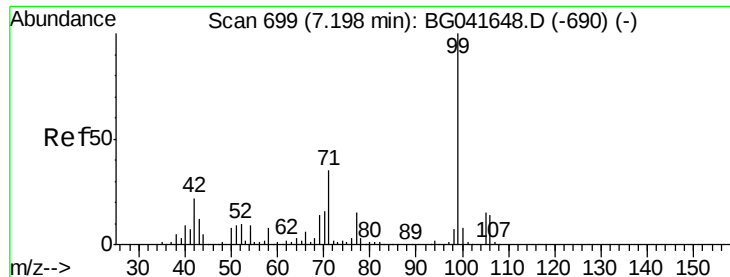
Abundance

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: 124.851 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041693.D

Acq: 17 Jul 2019 18:25

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)

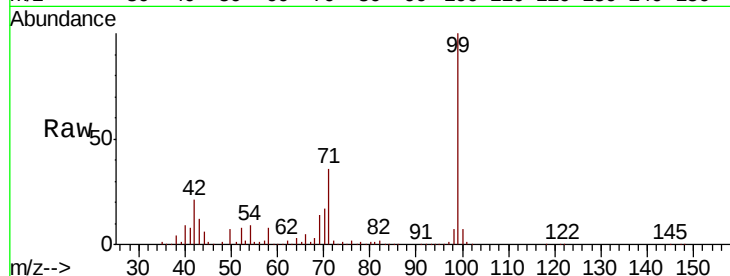
Tot Ion: 99 Resp: 1052109

Ion Ratio Lower Upper

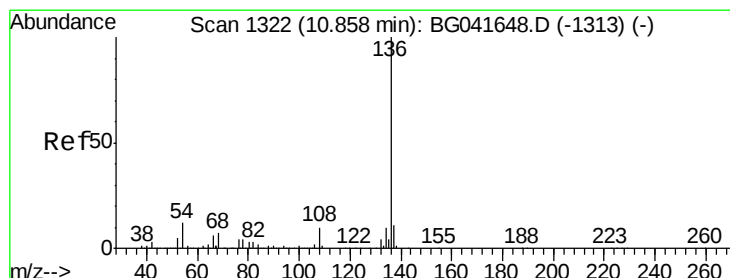
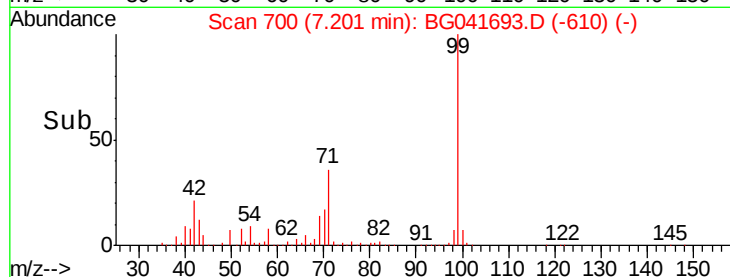
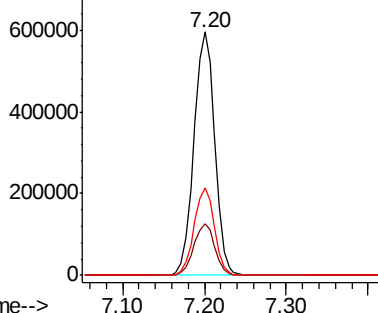
99 100

42 21.4 17.6 26.4

71 35.8 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# 1322

Delta R.T. -0.00 min

Lab File: BG041693.D

Acq: 17 Jul 2019 18:25

Tgt Ion: 136 Resp: 405163

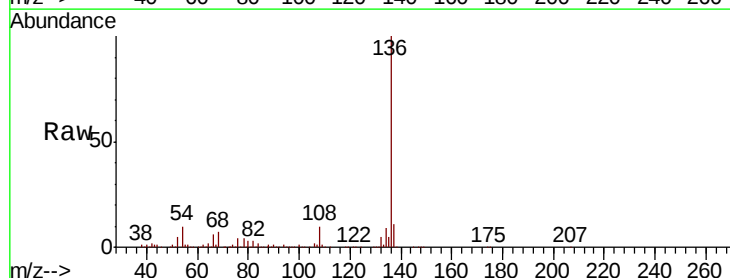
Ion Ratio Lower Upper

136 100

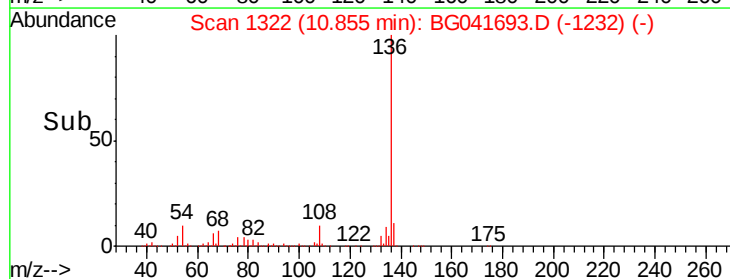
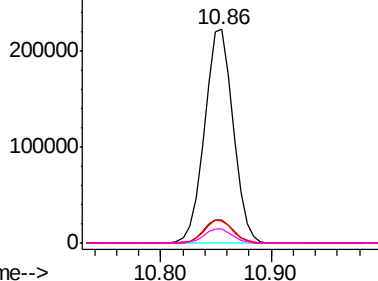
137 11.0 9.2 13.8

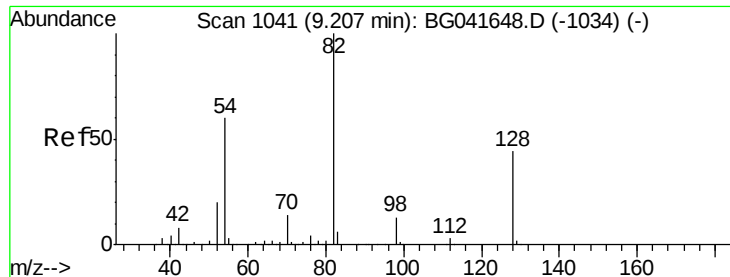
54 10.0 8.7 13.1

68 6.7 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

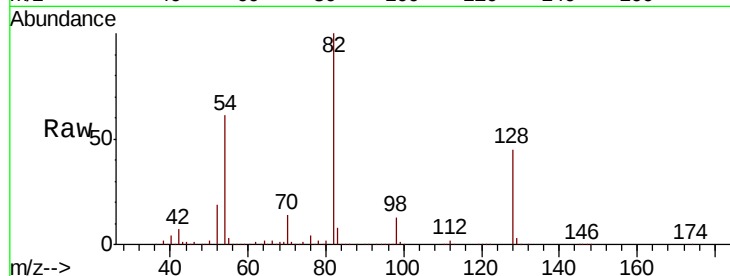




#23
Nitrobenzene-d5
Concen: 94.499 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041693.D
Acq: 17 Jul 2019 18:25

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)

Tot Ion	82	Resp	629572
Ion Ratio	Lower	Upper	
82	100		
128	44.7	35.1	52.7
54	60.7	48.7	73.1

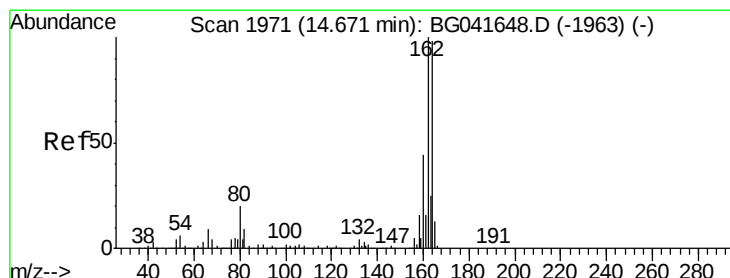
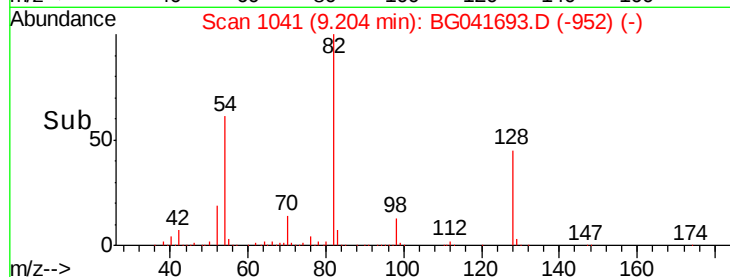
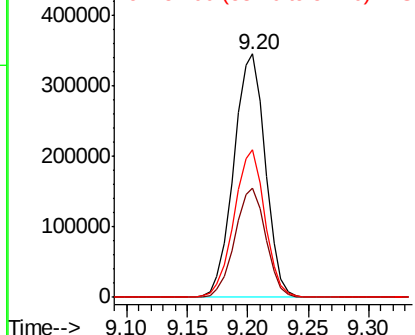


Abundance

Ion 82.00 (81.70 to 82.70): BGC

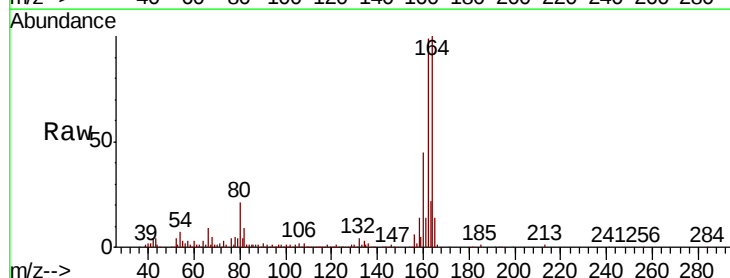
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041693.D
Acq: 17 Jul 2019 18:25

Tgt Ion	164	Resp	239871
Ion Ratio	Lower	Upper	
164	100		
162	98.6	79.6	119.4
160	45.3	35.4	53.0

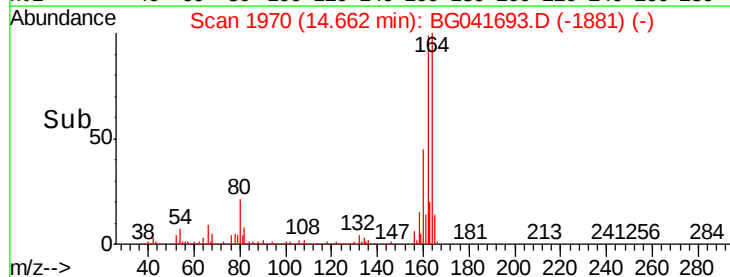
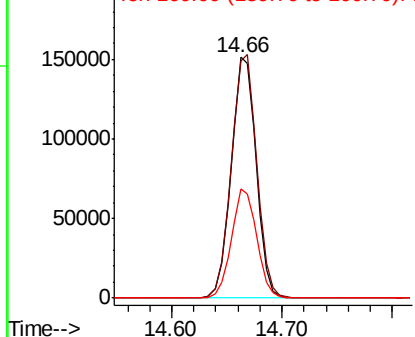


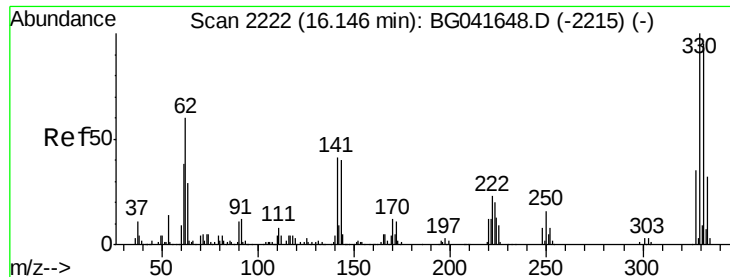
Abundance

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

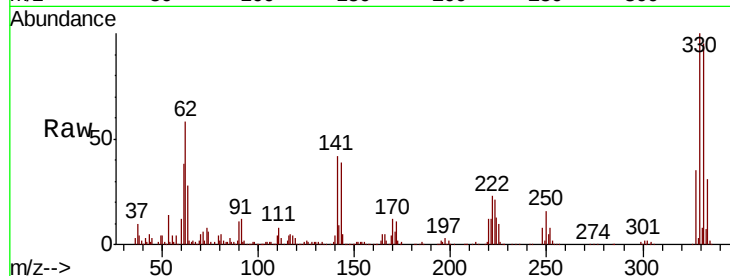




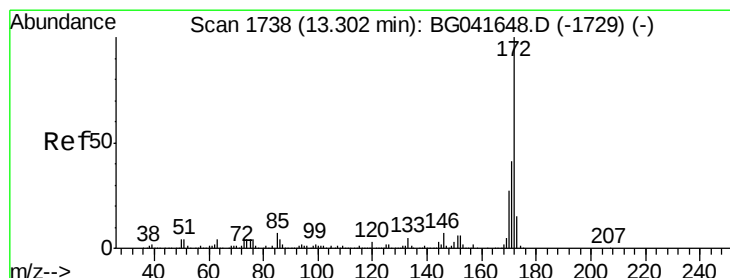
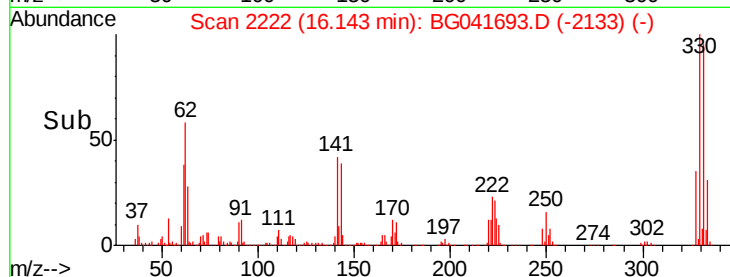
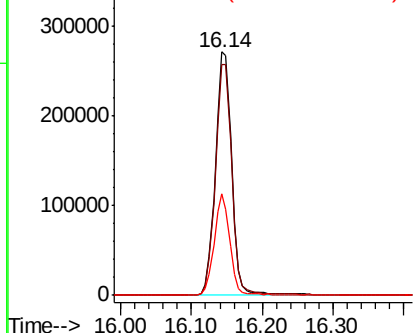
#42
 2,4,6-Tribromophenol
 Concen: 162.177 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041693.D
 Acq: 17 Jul 2019 18:25

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)

Tot Ion:330 Resp: 438415
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.0
 141 39.5 31.9 47.9

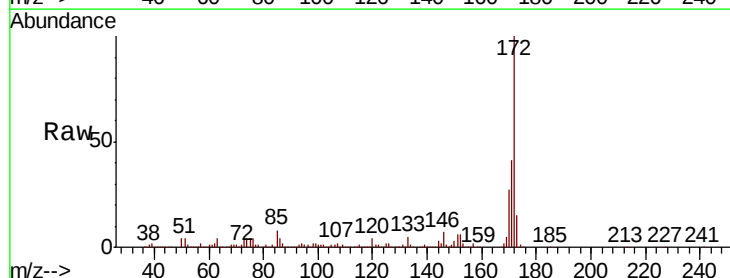


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

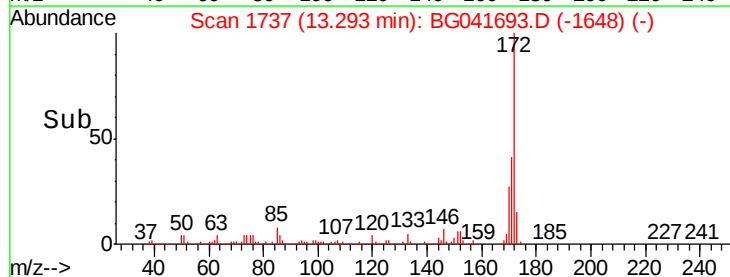
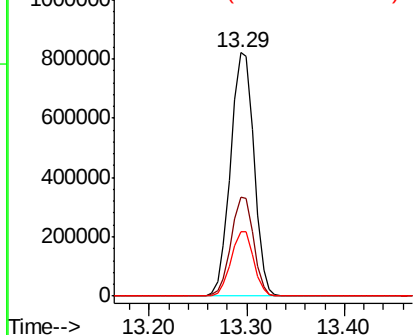


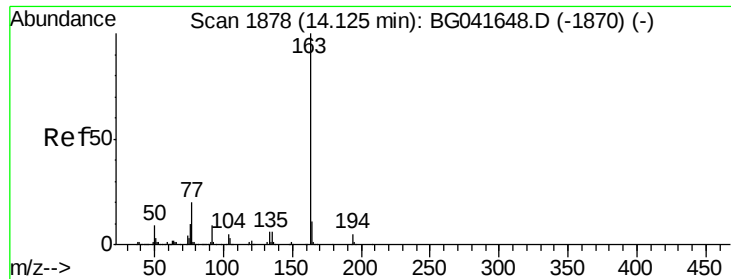
#45
 2-Fluorobiphenyl
 Concen: 88.214 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041693.D
 Acq: 17 Jul 2019 18:25

Tgt Ion:172 Resp: 1366478
 Ion Ratio Lower Upper
 172 100
 171 40.6 35.0 52.4
 170 26.5 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





#50

Dimethylphthalate

Concen: 12.849 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041693.D

Acq: 17 Jul 2019 18:25

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)

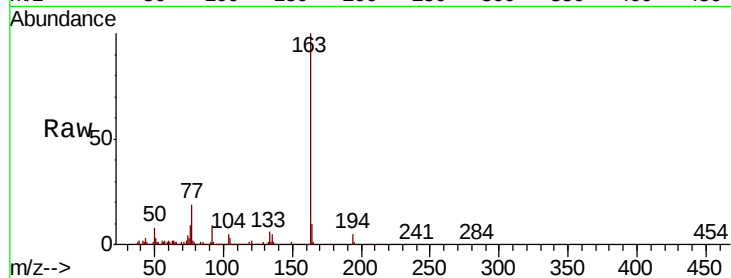
Tot Ion:163 Resp: 242072

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

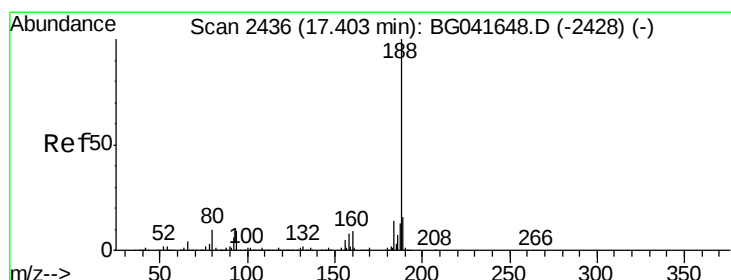
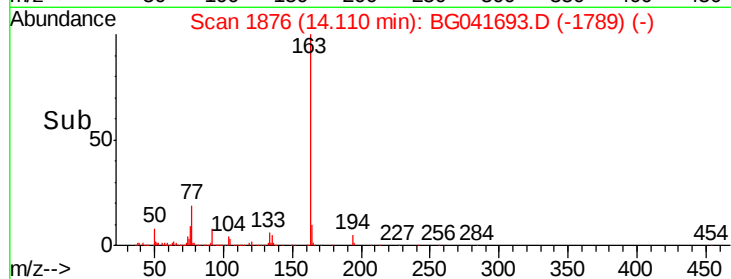
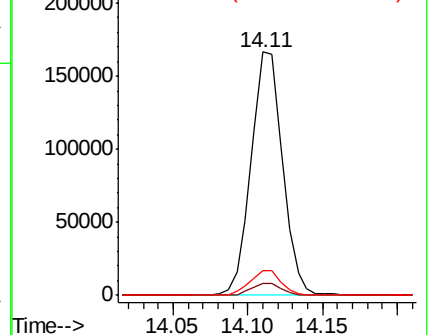
164 10.3 9.4 14.2



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: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041693.D

Acq: 17 Jul 2019 18:25

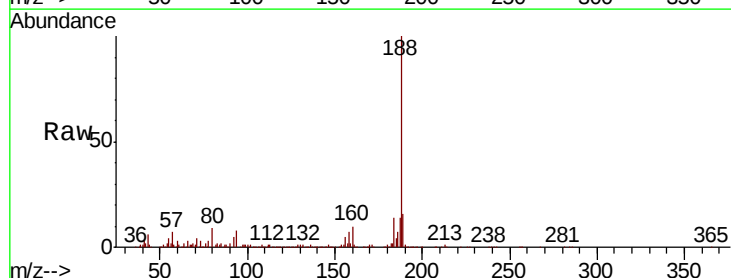
Tgt Ion:188 Resp: 584968

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

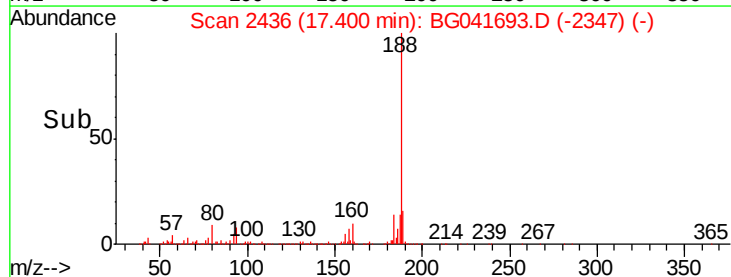
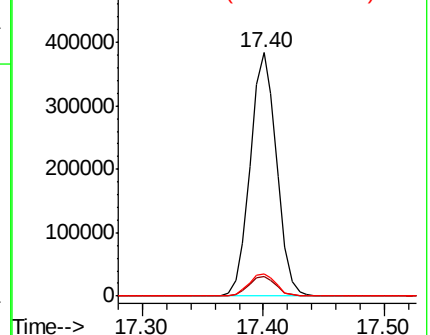
80 9.1 8.0 12.0

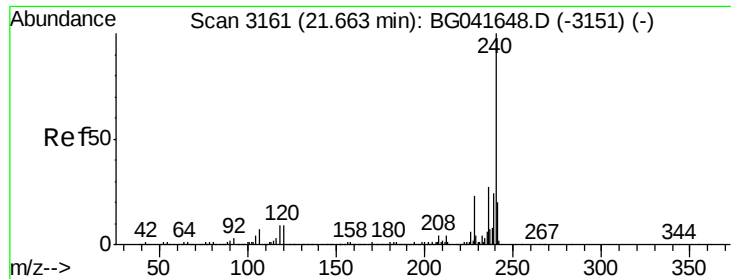


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

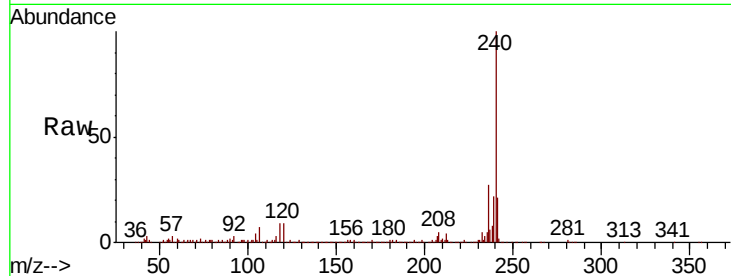




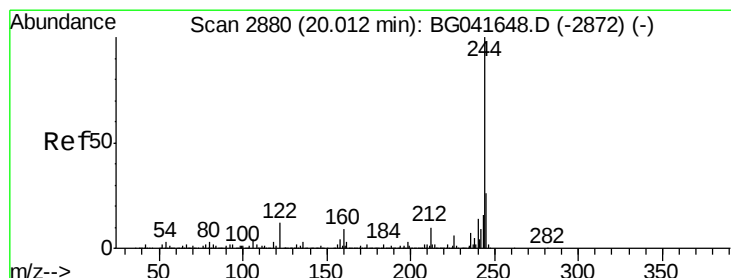
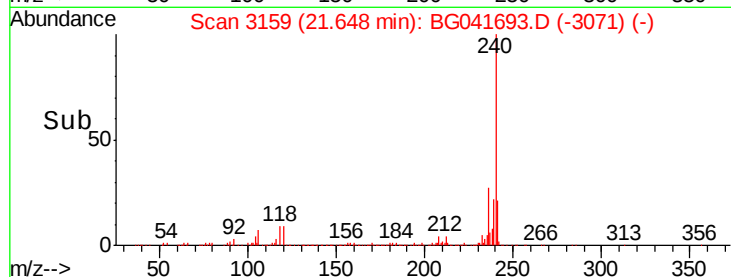
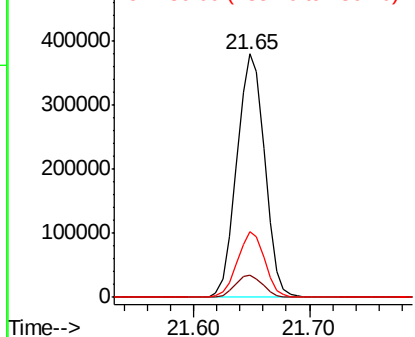
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG041693.D
Acq: 17 Jul 2019 18:25

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)

Tot Ion:240 Resp: 634534
Ion Ratio Lower Upper
240 100
120 8.9 8.0 12.0
236 27.2 22.6 33.8

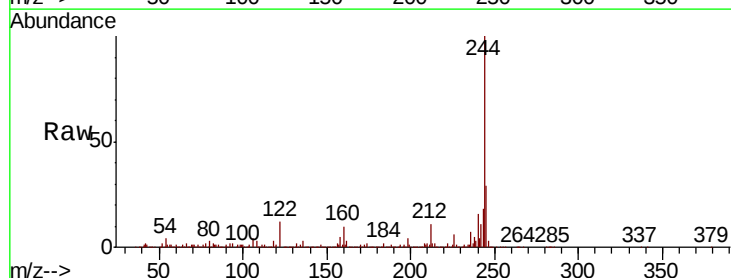


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

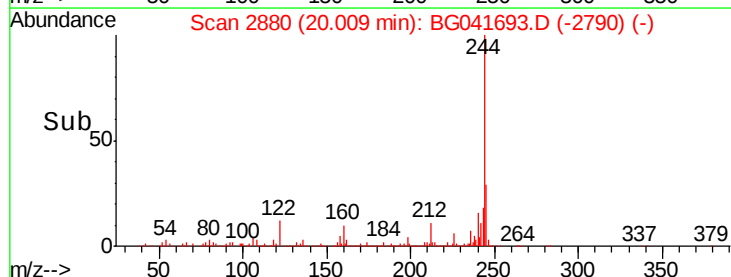
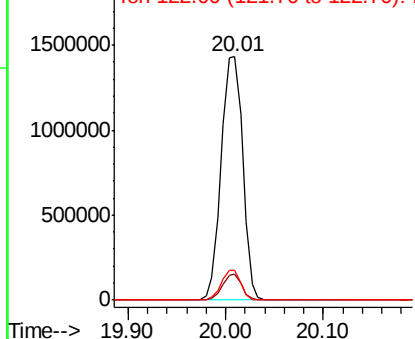


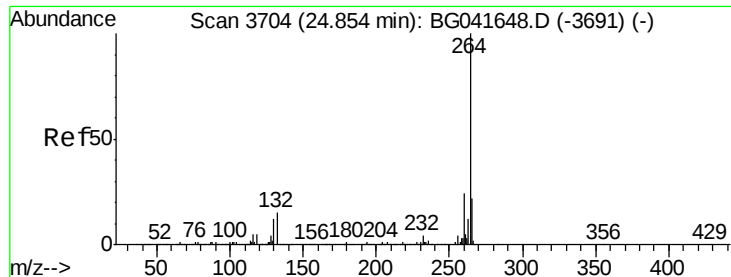
#79
Terphenyl-d14
Concen: 80.830 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BG041693.D
Acq: 17 Jul 2019 18:25

Tgt Ion:244 Resp: 2194770
Ion Ratio Lower Upper
244 100
212 10.8 9.7 14.5
122 12.4 12.5 18.7#



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

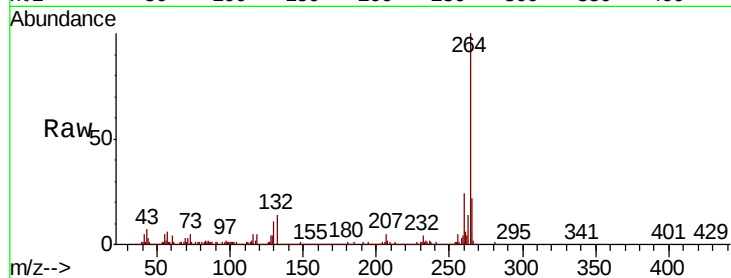




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3703
 Delta R.T. -0.02 min
 Lab File: BG041693.D
 Acq: 17 Jul 2019 18:25

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.8	18.0	27.0



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

