

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042742.D
 Acq On : 6 Sep 2019 6:13
 Operator : HP/JU
 Sample : K4679-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WS-SB01-COMP

Quant Time: Sep 06 08:36:20 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

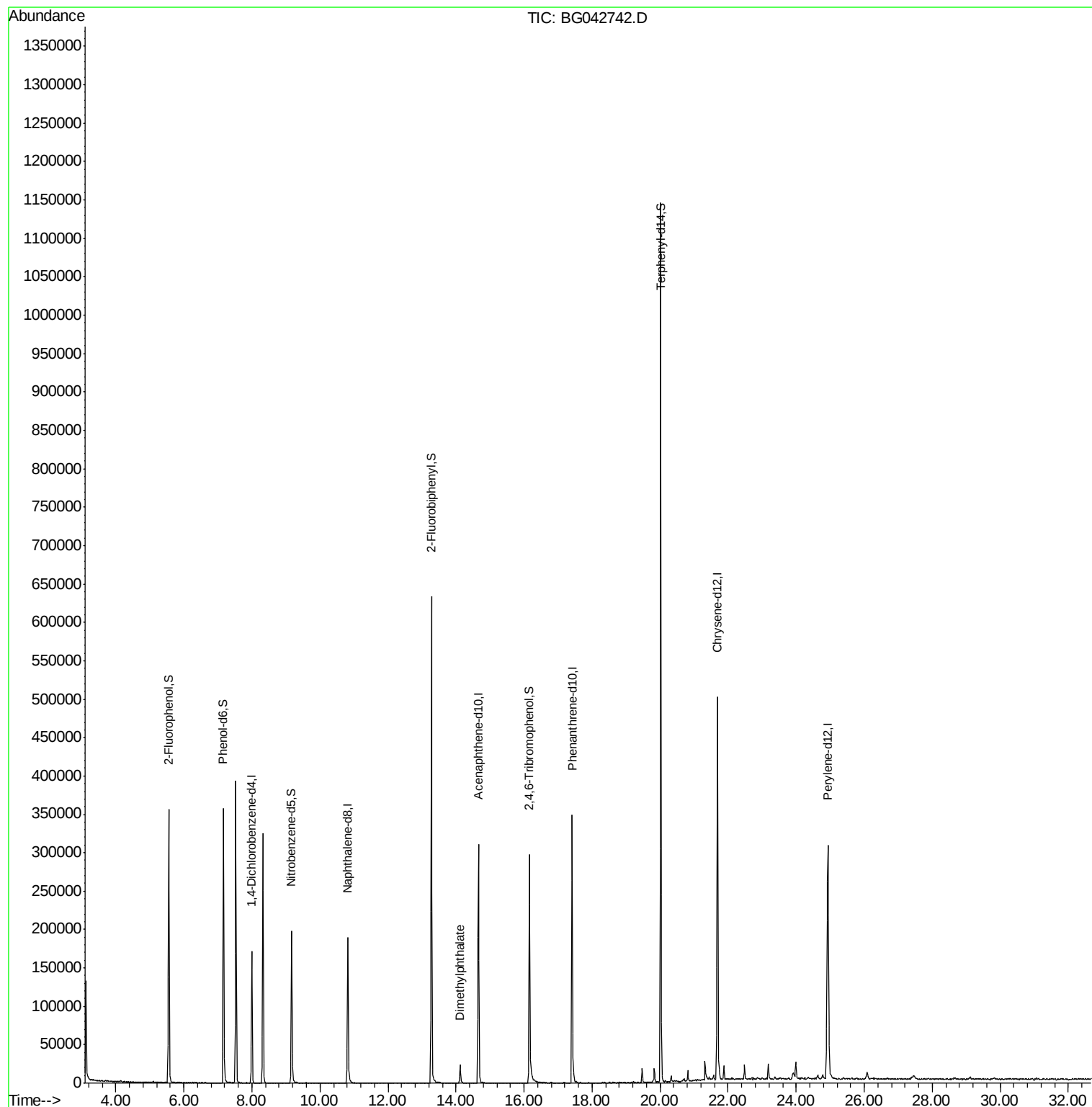
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	57278	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	208414	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	135519	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	274390	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	337035	20.00	ng	-0.01
87) Perylene-d12	24.93	264	397421	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	183844	65.01	ng	0.00
7) Phenol-d6	7.16	99	231521	60.60	ng	-0.01
23) Nitrobenzene-d5	9.16	82	132462	43.92	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	104136	54.06	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	406153	50.69	ng	0.00
79) Terphenyl-d14	20.02	244	644951	41.37	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.12	163	30207	3.089	ng	Qvalue 98

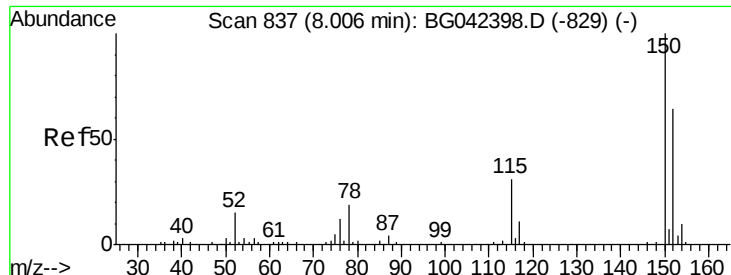
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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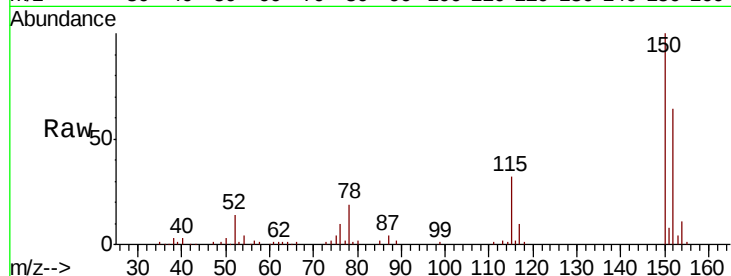


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042742.D
Acq: 6 Sep 2019 6:13

Instrument :
BNA_G
ClientSampleId :
WS-SB01-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.4	188.0
115	50.4	38.5	57.7

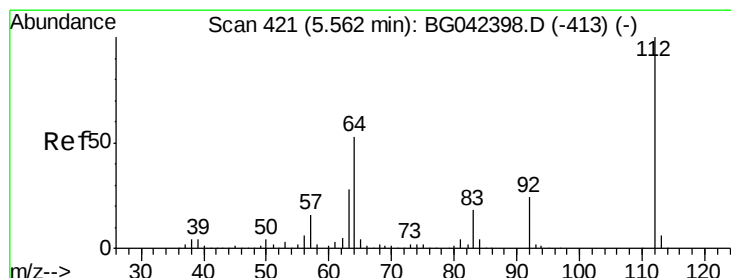
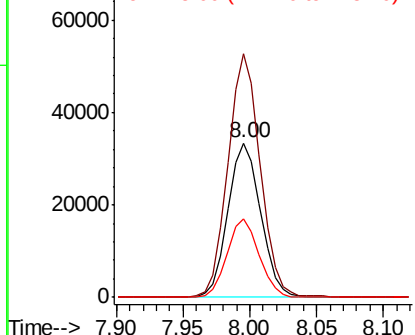
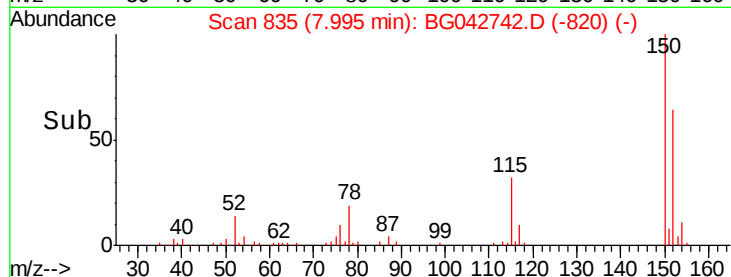


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

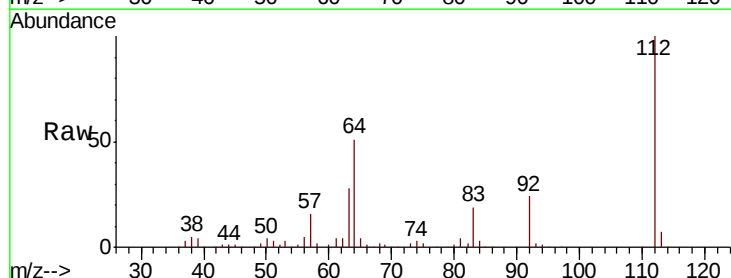
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 65.005 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042742.D
Acq: 6 Sep 2019 6:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.7	42.8	64.2
63	27.9	22.7	34.1

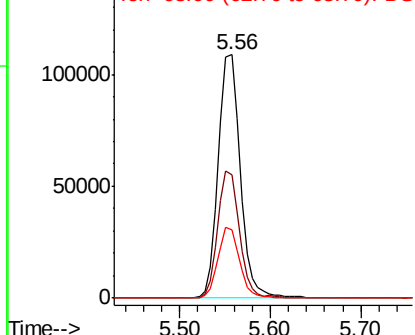
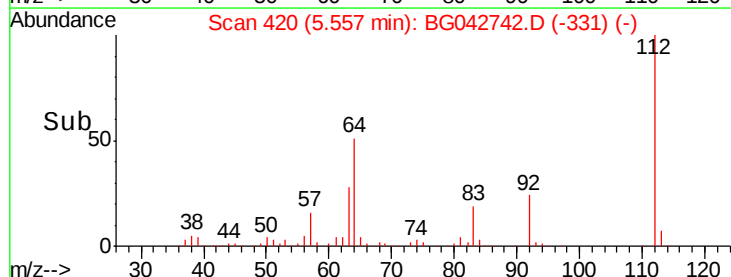


Abundance

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: 60.605 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042742.D

Acq: 6 Sep 2019 6:13

Instrument :

BNA_G

ClientSampleId :

WS-SB01-COMP

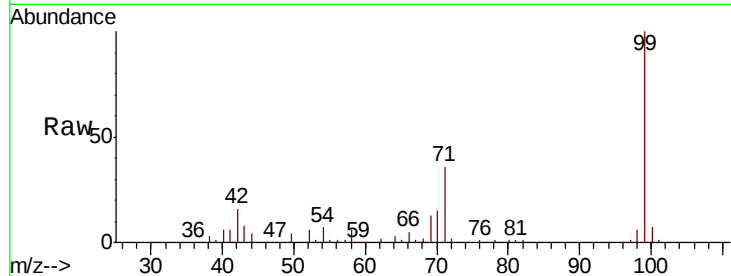
Tot Ion: 99 Resp: 231521

Ion Ratio Lower Upper

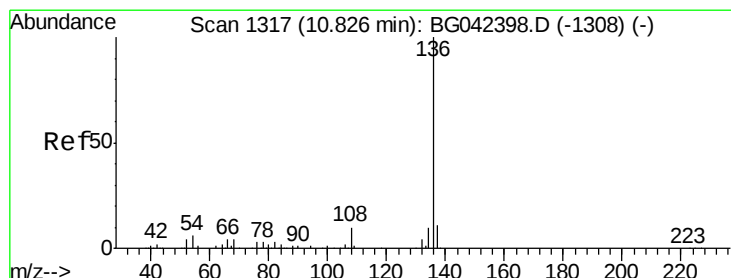
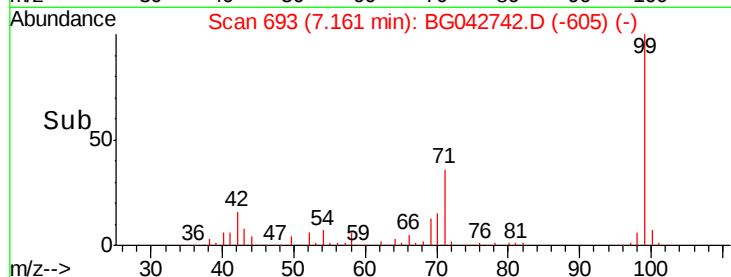
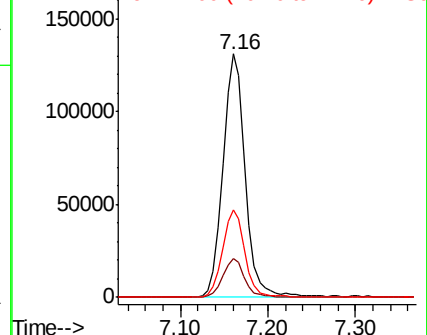
99 100

42 15.7 12.0 18.0

71 36.0 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: BG042742.D

Acq: 6 Sep 2019 6:13

Tgt Ion: 136 Resp: 208414

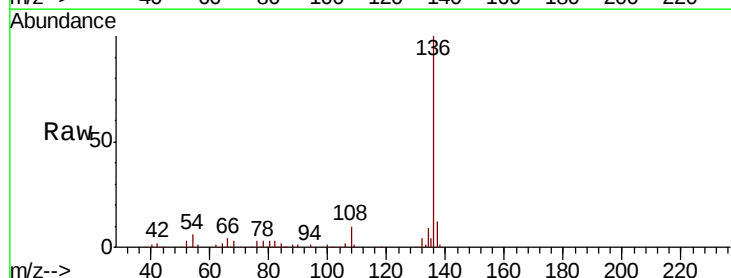
Ion Ratio Lower Upper

136 100

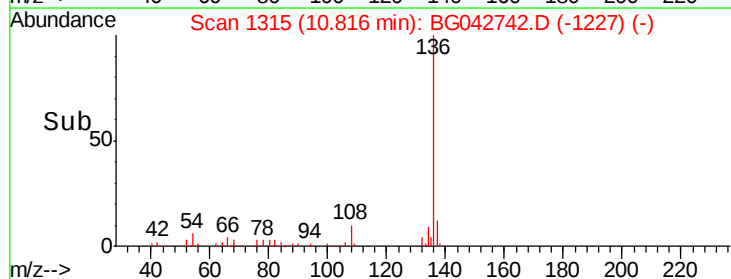
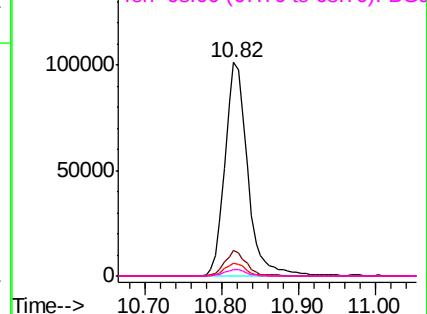
137 11.8 8.7 13.1

54 6.3 4.9 7.3

68 3.0 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

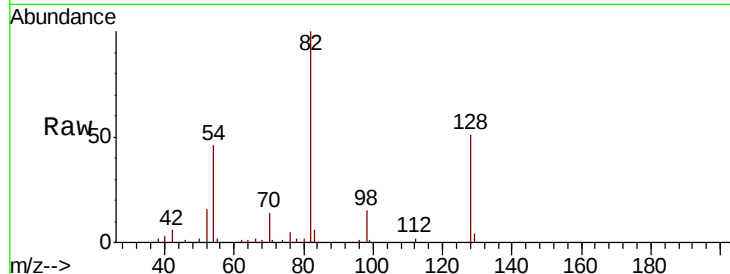




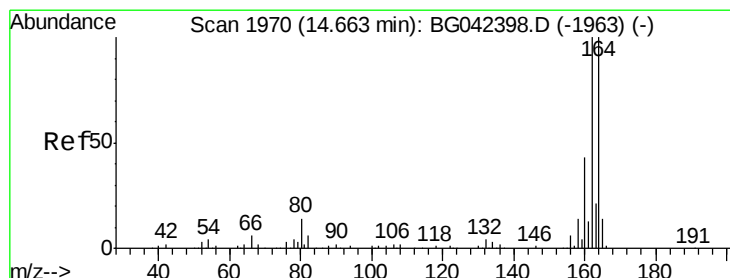
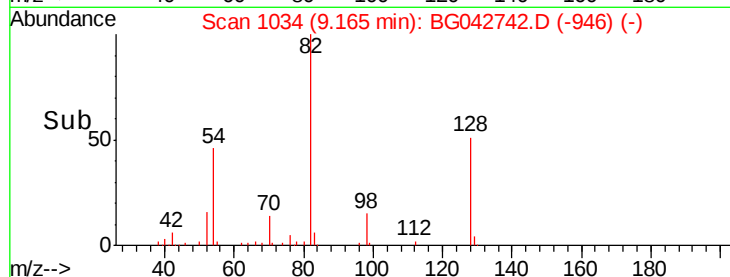
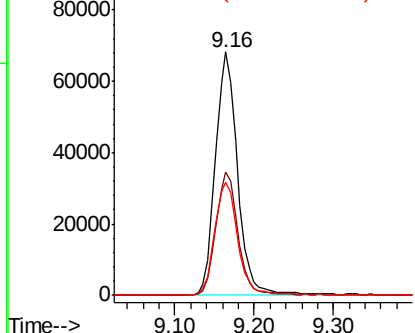
#23
Nitrobenzene-d5
Concen: 43.921 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042742.D
Acq: 6 Sep 2019 6:13

Instrument :
BNA_G
ClientSampleId :
WS-SB01-COMP

Tot Ion: 82 Resp: 132462
Ion Ratio Lower Upper
82 100
128 50.8 40.7 61.1
54 46.4 36.3 54.5

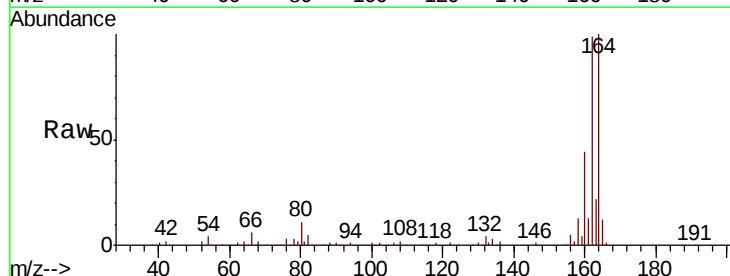


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

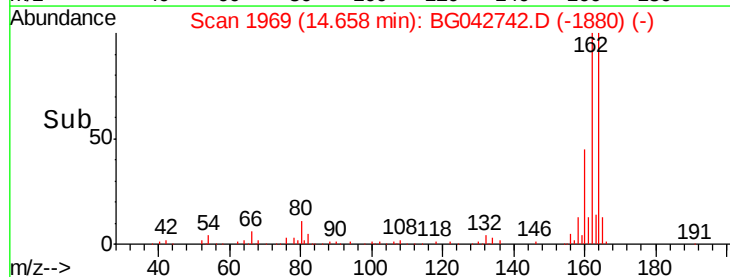
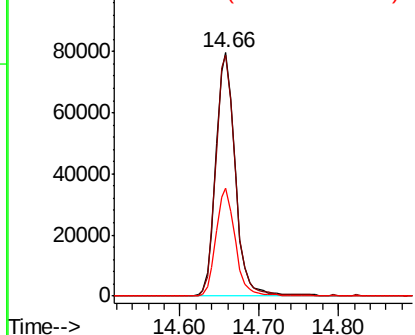


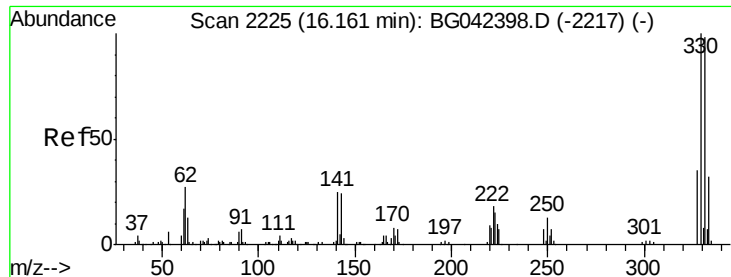
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042742.D
Acq: 6 Sep 2019 6:13

Tgt Ion: 164 Resp: 135519
Ion Ratio Lower Upper
164 100
162 99.2 79.9 119.9
160 44.5 34.3 51.5



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

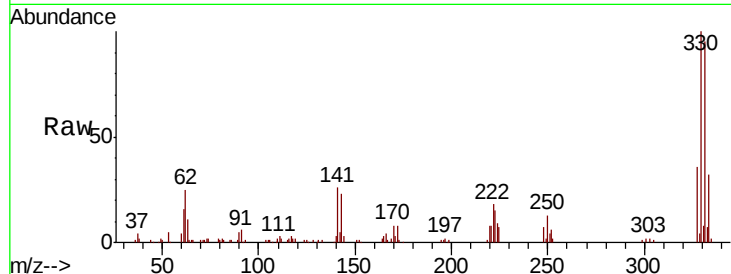




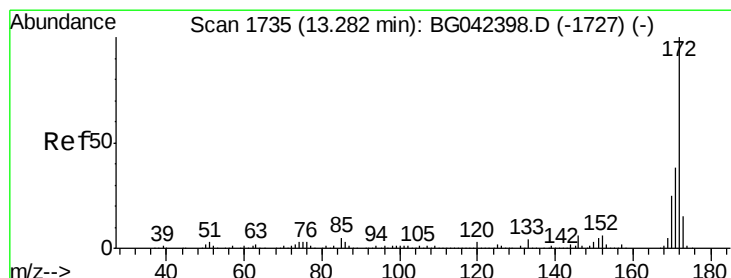
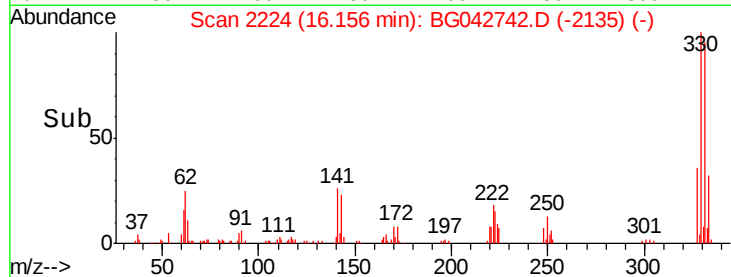
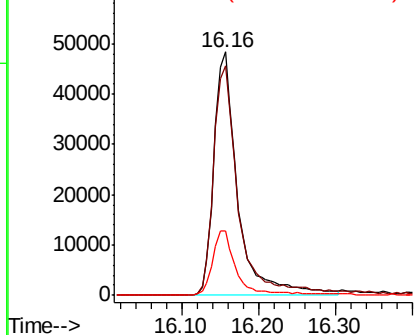
#42
 2,4,6-Tribromophenol
 Concen: 54.063 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: BG042742.D
 Acq: 6 Sep 2019 6:13

Instrument :
 BNA_G
 ClientSampleId :
 WS-SB01-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.8	77.4	116.0
141	26.5	21.4	32.0

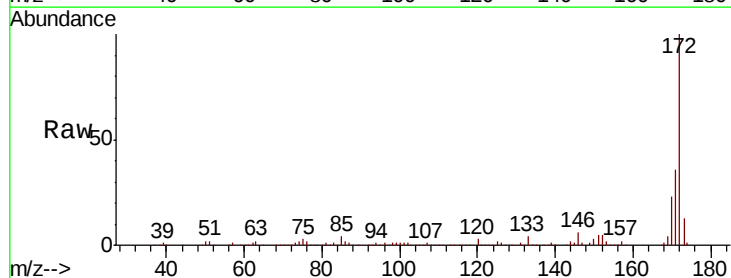


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

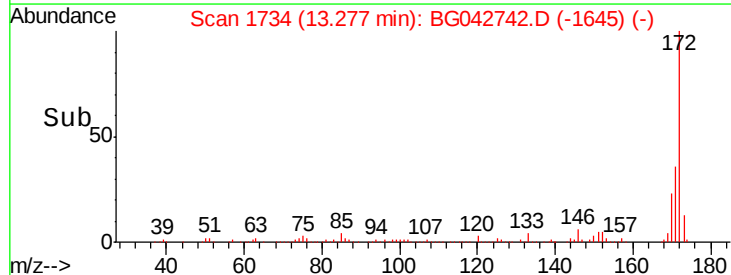
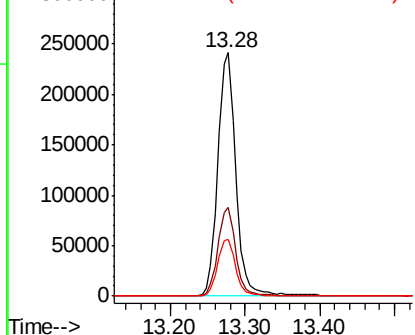


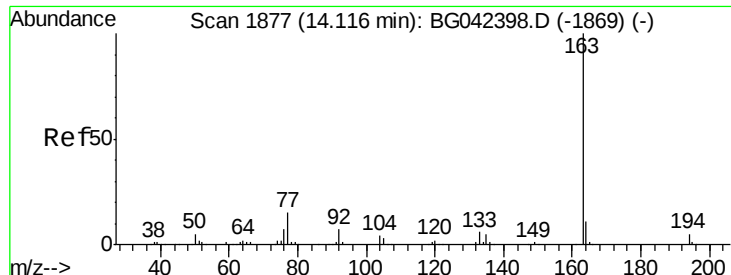
#45
 2-Fluorobiphenyl
 Concen: 50.688 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042742.D
 Acq: 6 Sep 2019 6:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	23.4	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





#50

Dimethylphthalate

Concen: 3.089 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG042742.D

Acq: 6 Sep 2019 6:13

Instrument :

BNA_G

ClientSampleId :

WS-SB01-COMP

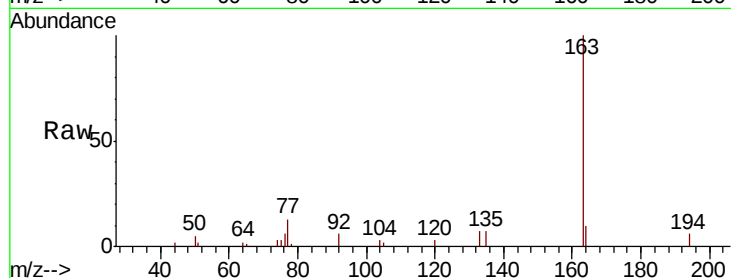
Tot Ion:163 Resp: 30207

Ion Ratio Lower Upper

163 100

194 5.6 4.2 6.2

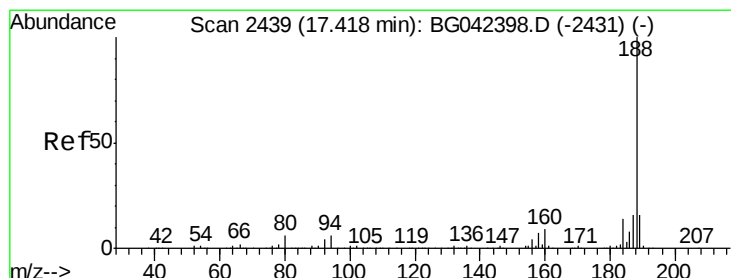
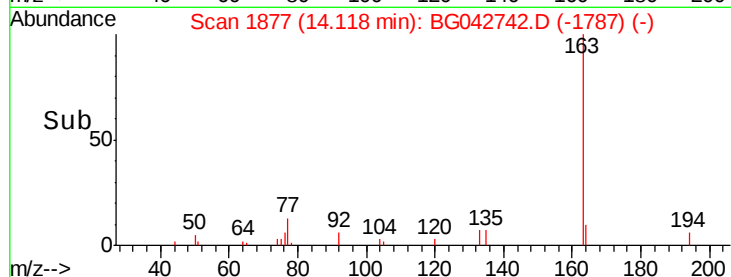
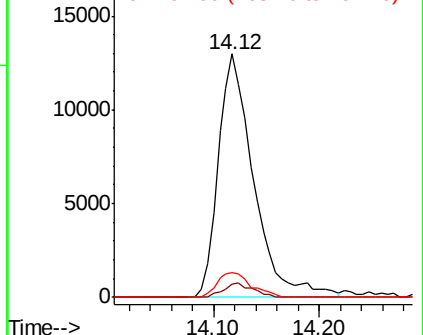
164 10.2 8.8 13.2



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: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042742.D

Acq: 6 Sep 2019 6:13

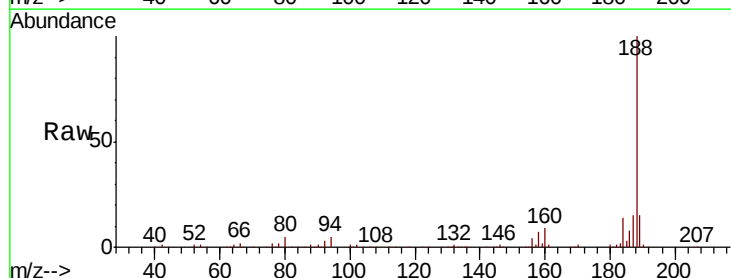
Tgt Ion:188 Resp: 274390

Ion Ratio Lower Upper

188 100

94 4.7 4.5 6.7

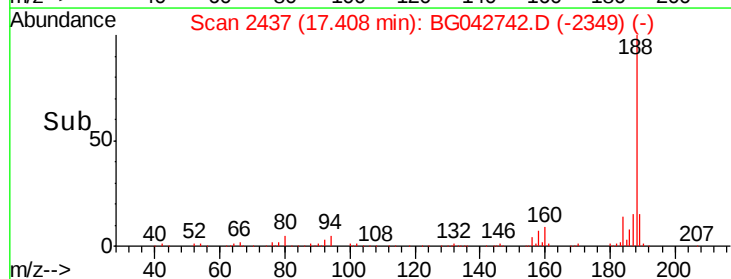
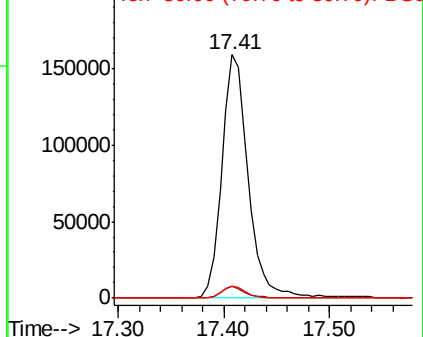
80 4.8 4.9 7.3#

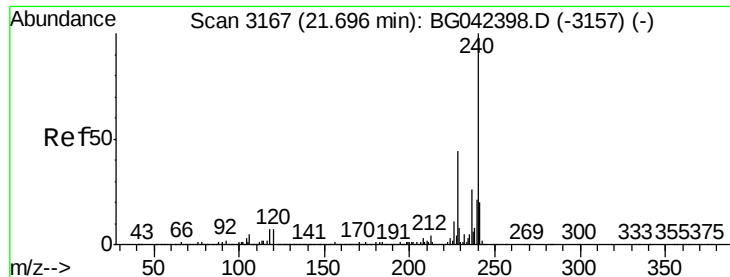


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

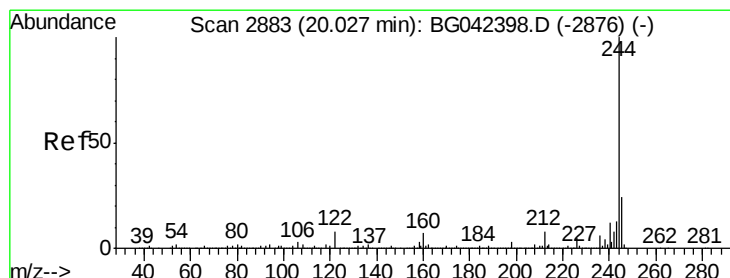
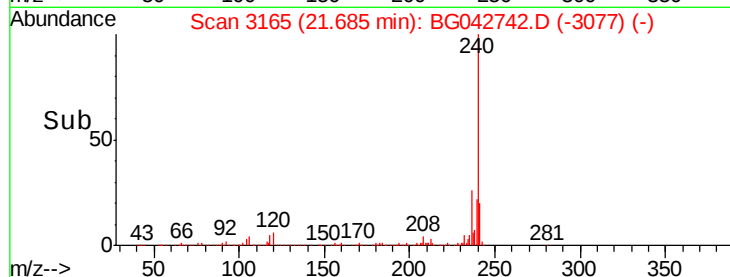
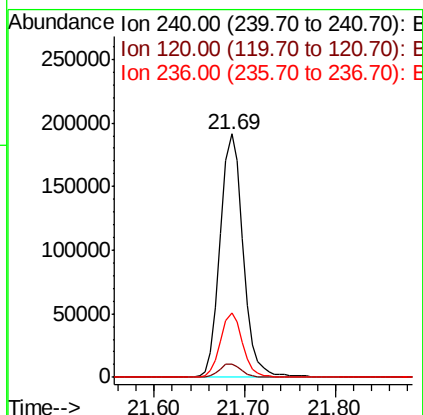
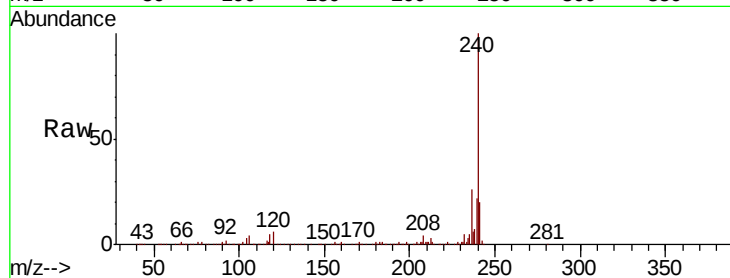




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042742.D
Acq: 6 Sep 2019 6:13

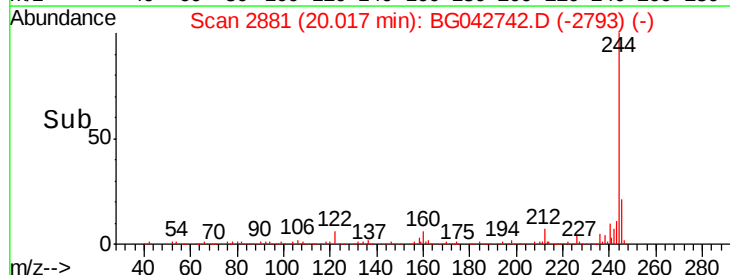
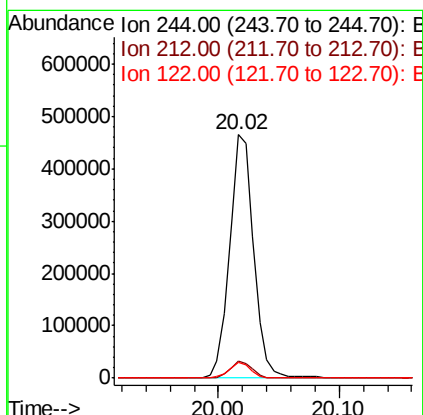
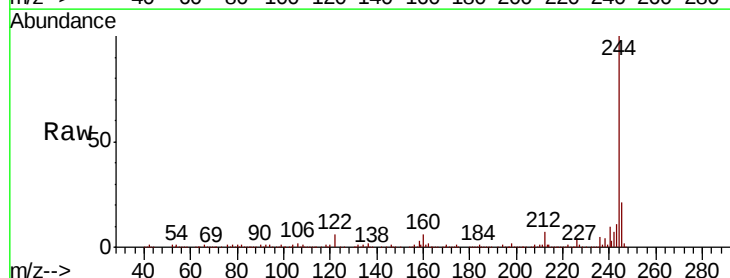
Instrument :
BNA_G
ClientSampleId :
WS-SB01-COMP

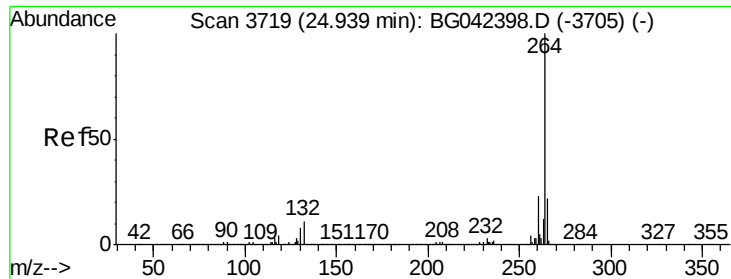
Tot Ion:240 Resp: 337035
Ion Ratio Lower Upper
240 100
120 5.6 5.7 8.5#
236 26.3 21.0 31.4



#79
Terphenyl-d14
Concen: 41.371 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG042742.D
Acq: 6 Sep 2019 6:13

Tgt Ion:244 Resp: 644951
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 6.4 6.7 10.1#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.01 min
 Lab File: BG042742.D
 Acq: 6 Sep 2019 6:13

Instrument :
 BNA_G
 ClientSampleId :
 WS-SB01-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.5	27.7
265	21.5	17.6	26.4

