

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\
 Data File : BG042502.D
 Acq On : 26 Aug 2019 17:10
 Operator : HP/JU
 Sample : K4491-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WP-1

Quant Time: Aug 27 02:22:34 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

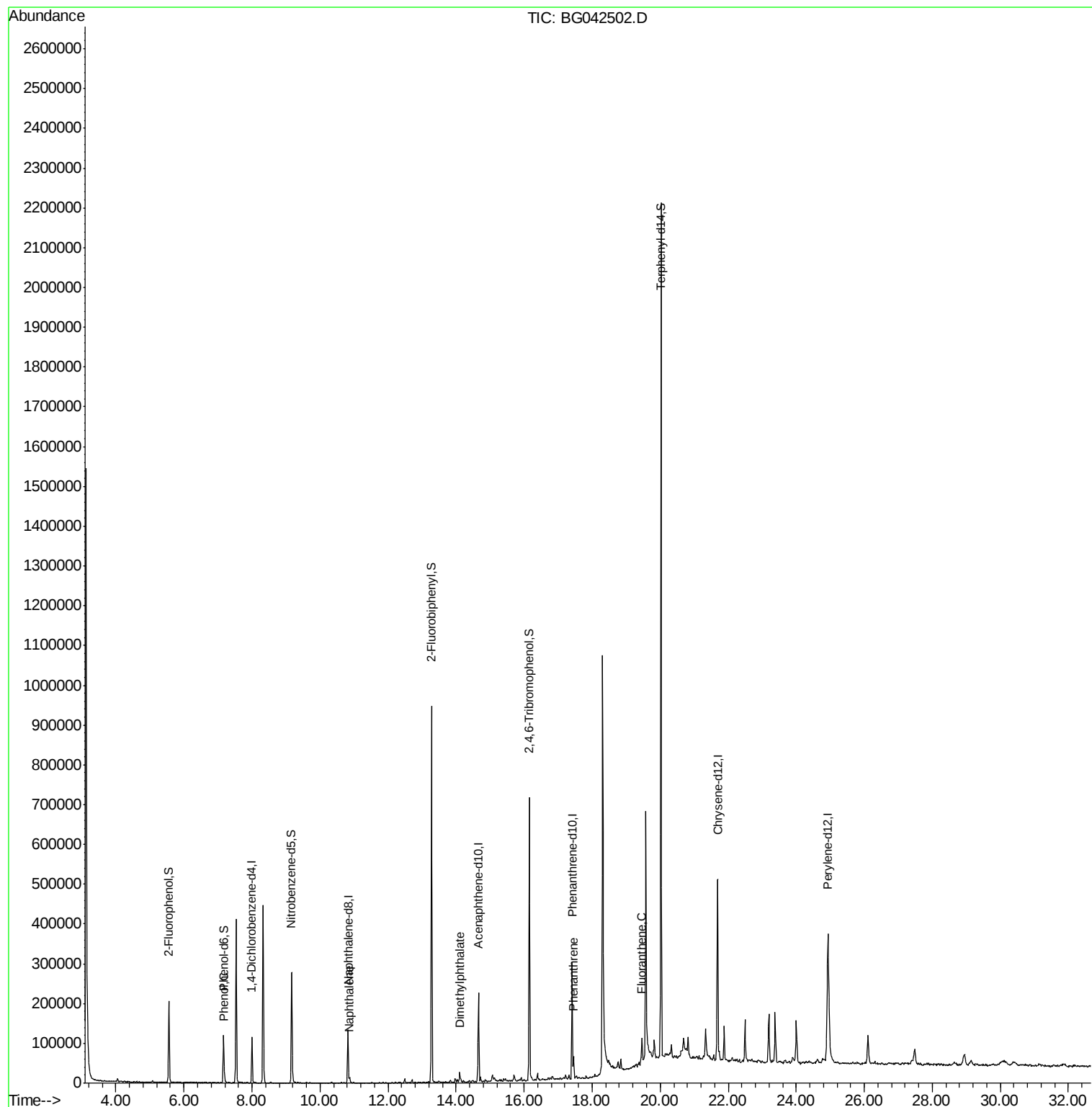
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	38280	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	133138	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	86800	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	194812	20.00	ng	0.00
76) Chrysene-d12	21.68	240	283450	20.00	ng	-0.01
87) Perylene-d12	24.93	264	348407	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	114265	60.45	ng	0.00
7) Phenol-d6	7.17	99	88471	34.65	ng	0.00
23) Nitrobenzene-d5	9.16	82	188895	98.04	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	172218	139.59	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	550594	107.28	ng	0.00
79) Terphenyl-d14	20.02	244	1106988	84.43	ng	0.00
Target Compounds						
10) Phenol	7.19	94	5632	2.170	ng	Qvalue 87
31) Naphthalene	10.87	128	13757	2.226	ng	99
50) Dimethylphthalate	14.10	163	20474	3.269	ng	99
71) Phenanthrene	17.45	178	37979	3.925	ng	98
75) Fluoranthene	19.46	202	30455	2.579	ng	98

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

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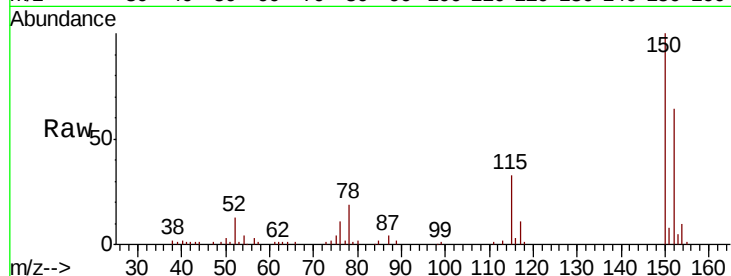


#1

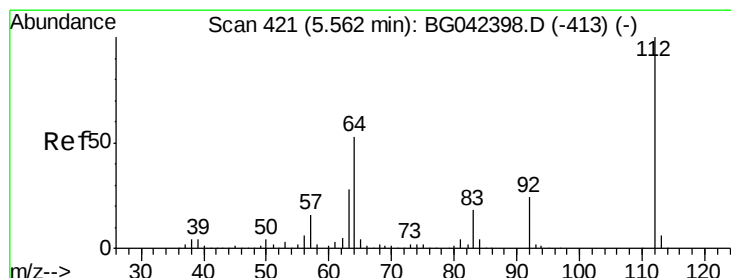
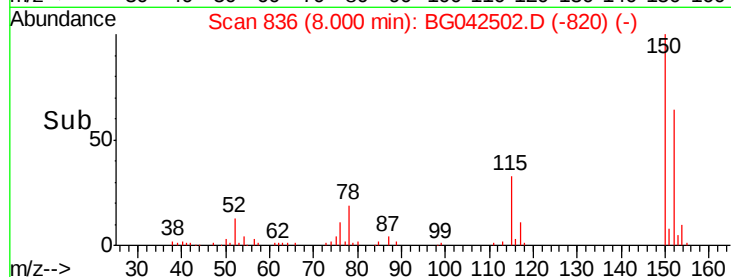
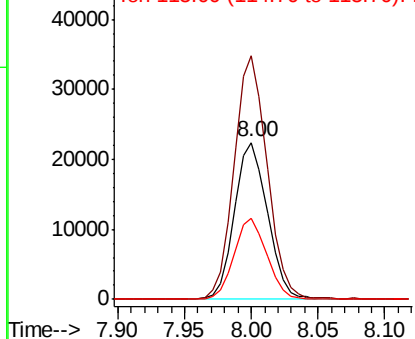
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042502.D
Acq: 26 Aug 2019 17:10

Instrument :
BNA_G
ClientSampleId :
WP-1

Tot Ion:152 Resp: 38280
Ion Ratio Lower Upper
152 100
150 155.5 125.4 188.0
115 51.4 38.5 57.7



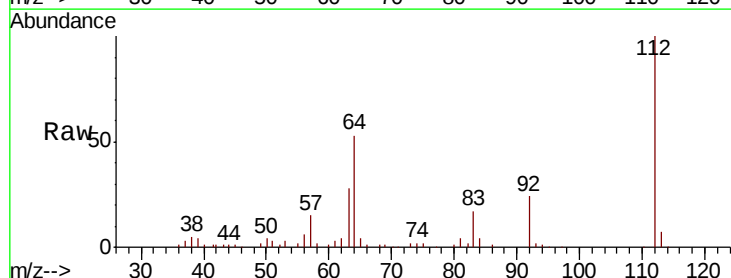
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



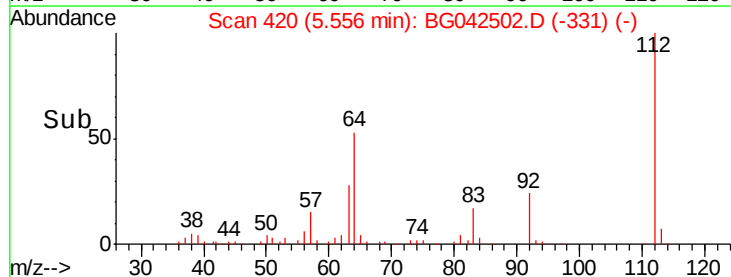
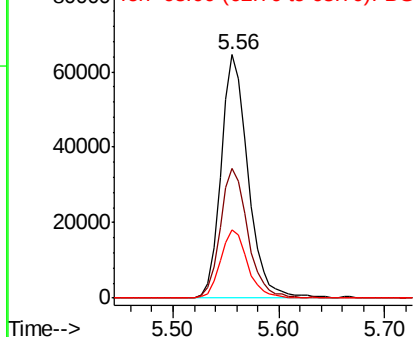
#5

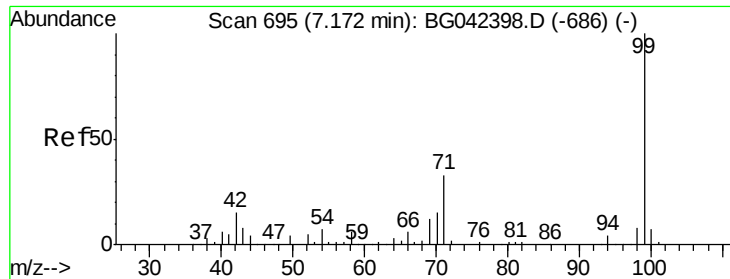
2-Fluorophenol
Concen: 60.455 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042502.D
Acq: 26 Aug 2019 17:10

Tgt Ion:112 Resp: 114265
Ion Ratio Lower Upper
112 100
64 53.0 42.8 64.2
63 28.3 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: 34.652 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042502.D

Acq: 26 Aug 2019 17:10

Instrument :

BNA_G

ClientSampleId :

WP-1

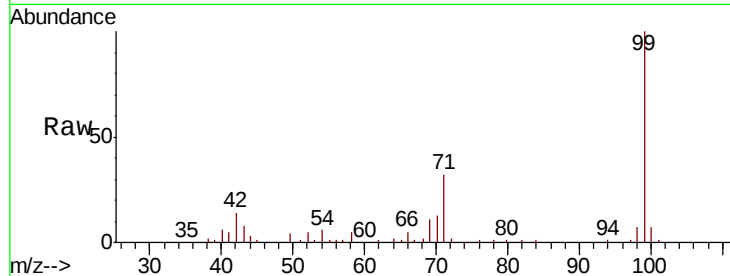
Tot Ion: 99 Resp: 88471

Ion Ratio Lower Upper

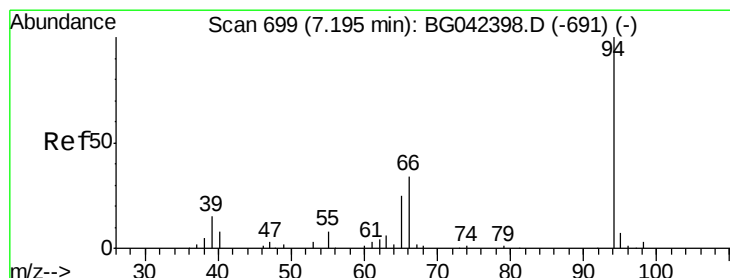
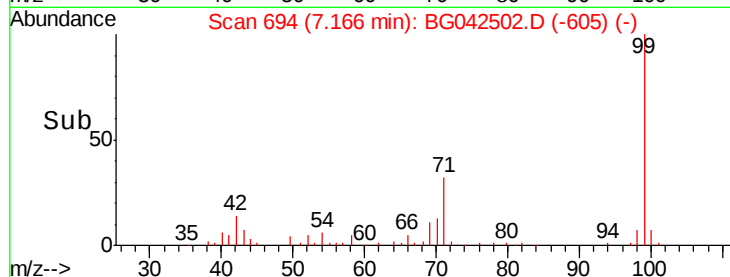
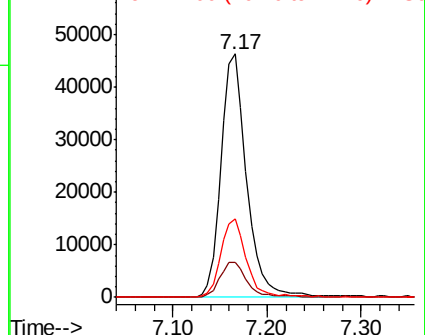
99 100

42 14.1 12.0 18.0

71 32.4 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



#10

Phenol

Concen: 2.170 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042502.D

Acq: 26 Aug 2019 17:10

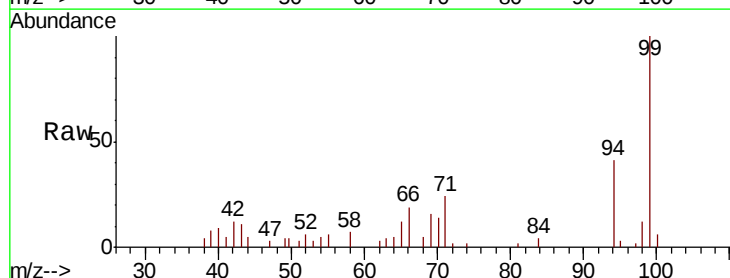
Tgt Ion: 94 Resp: 5632

Ion Ratio Lower Upper

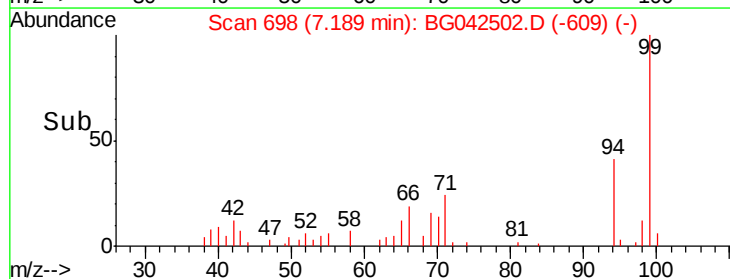
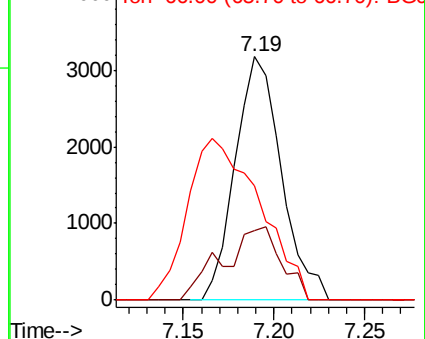
94 100

65 28.5 5.6 45.6

66 46.7 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

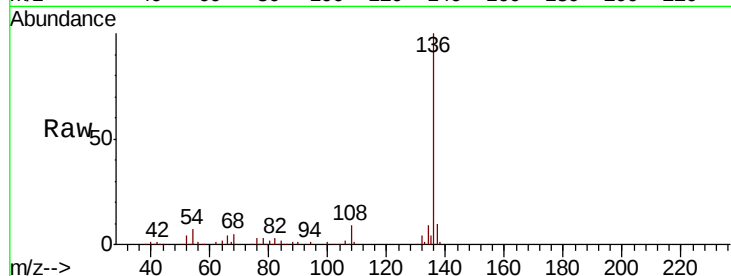




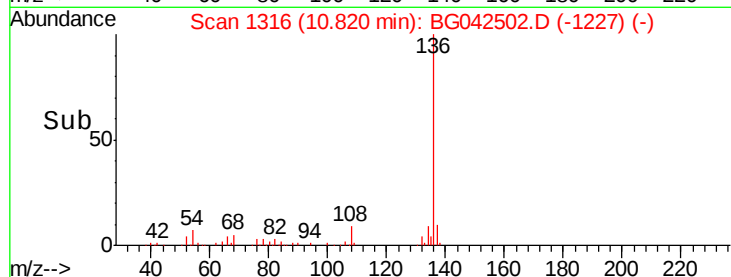
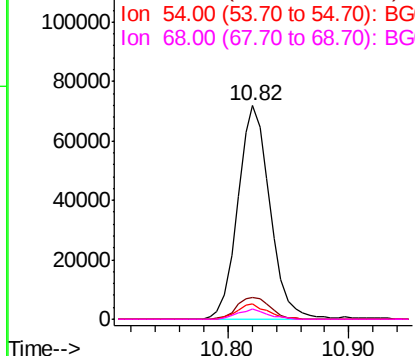
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042502.D
Acq: 26 Aug 2019 17:10

Instrument :
BNA_G
ClientSampleId :
WP-1

Tot Ion:136	Resp:	133138
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.7	13.1
54 6.9	4.9	7.3
68 4.5	3.6	5.4

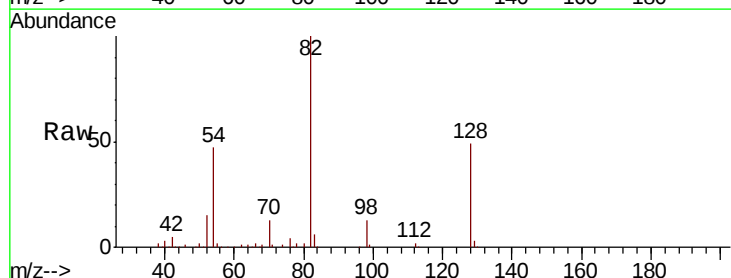


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

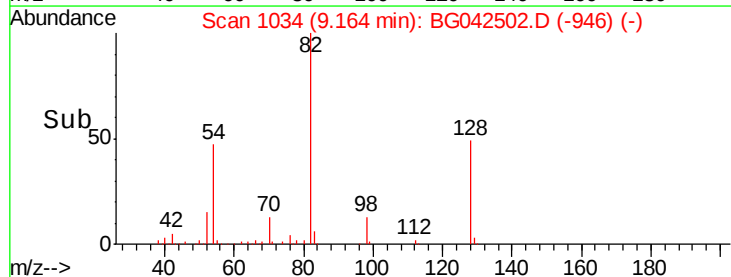
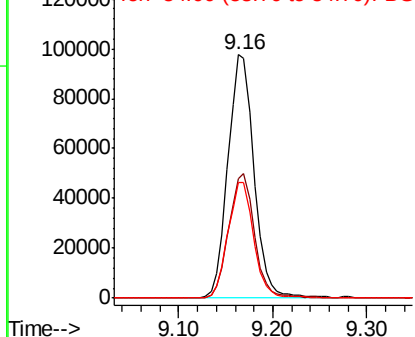


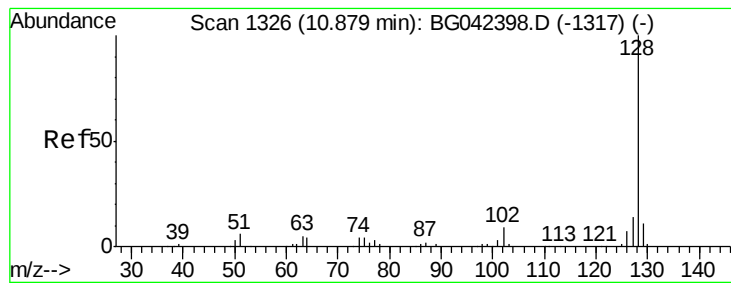
#23
Nitrobenzene-d5
Concen: 98.044 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042502.D
Acq: 26 Aug 2019 17:10

Tgt Ion: 82	Resp: 188895
Ion Ratio	Lower Upper
82 100	
128 49.1	40.7 61.1
54 47.5	36.3 54.5



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





#31

Naphthalene

Concen: 2.226 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042502.D

Acq: 26 Aug 2019 17:10

Instrument :

BNA_G

ClientSampleId :

WP-1

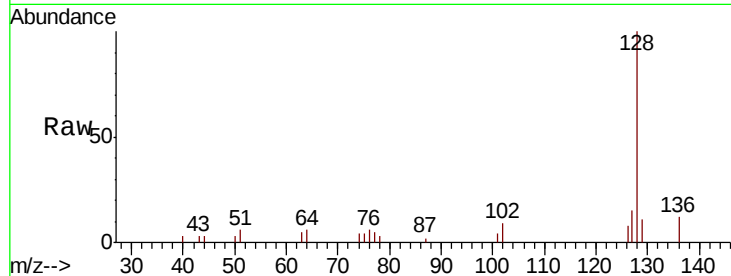
Tot Ion:128 Resp: 13757

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

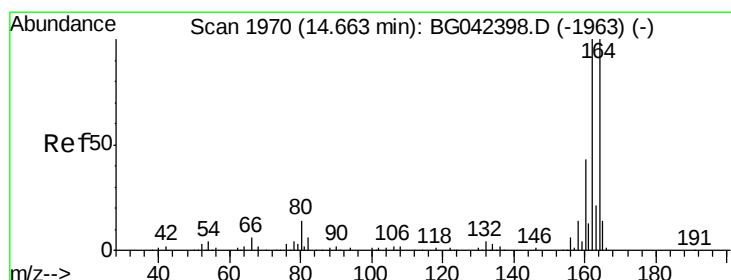
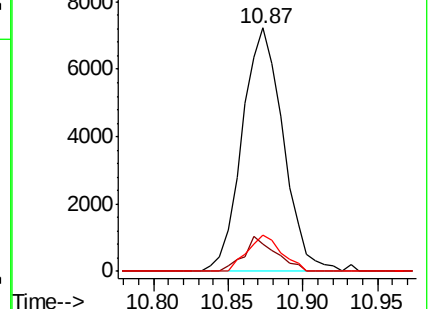
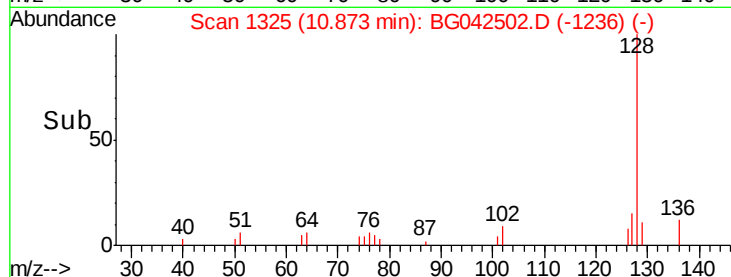
127 14.8 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042502.D

Acq: 26 Aug 2019 17:10

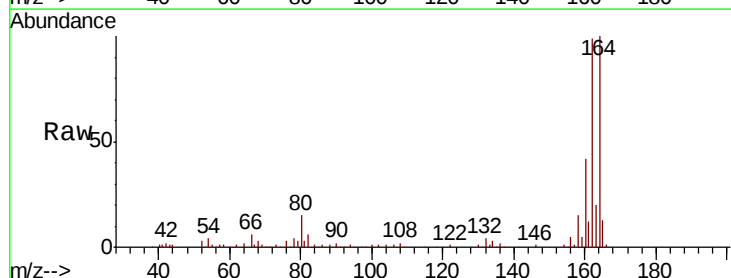
Tgt Ion:164 Resp: 86800

Ion Ratio Lower Upper

164 100

162 99.2 79.9 119.9

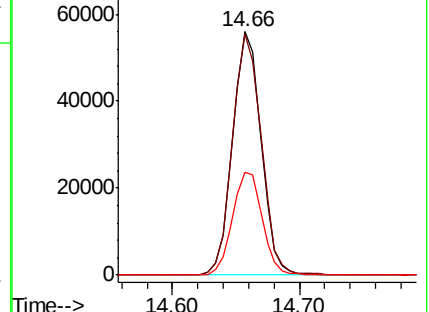
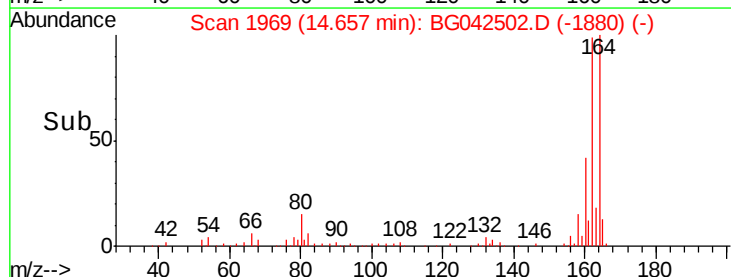
160 42.1 34.3 51.5

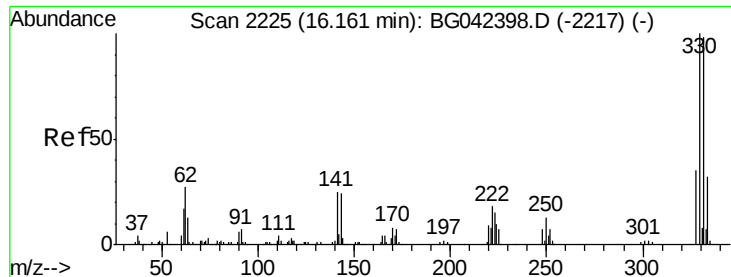


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

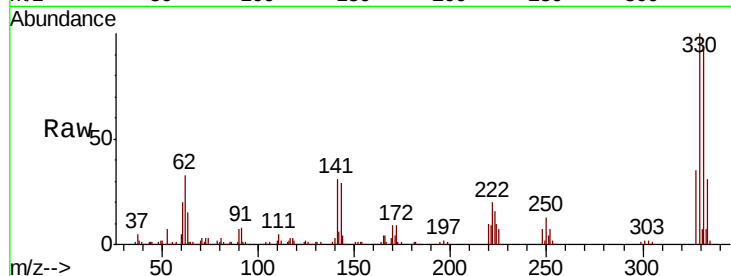




#42
 2,4,6-Tribromophenol
 Concen: 139.592 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042502.D
 Acq: 26 Aug 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :
 WP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	29.8	21.4	32.0

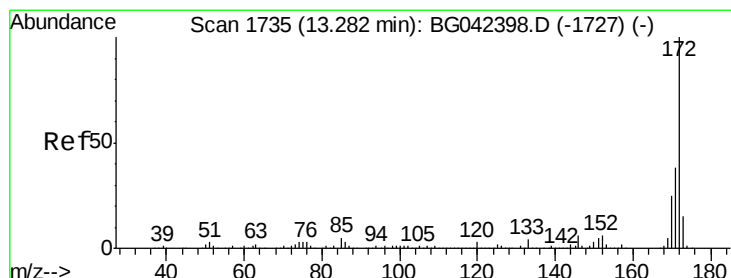
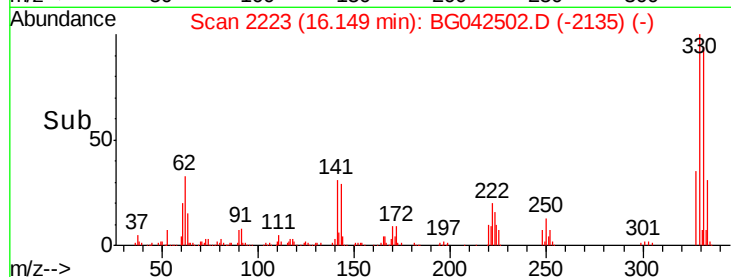
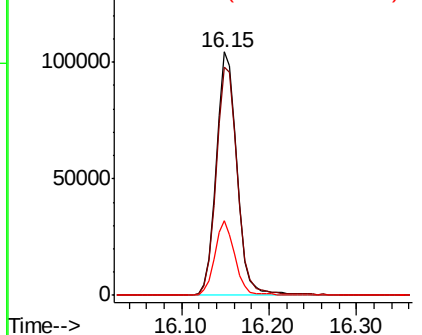


Abundance

Ion 329.80 (329.50 to 330.50): E

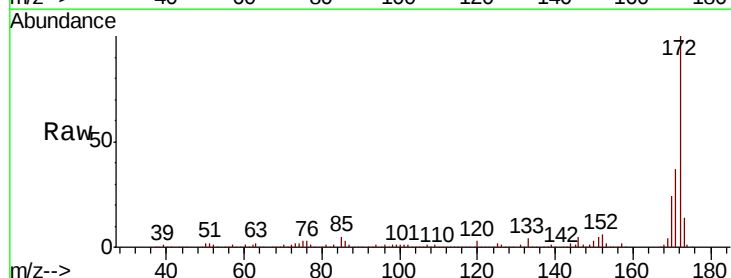
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 107.282 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042502.D
 Acq: 26 Aug 2019 17:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.5	45.7
170	24.0	20.2	30.2

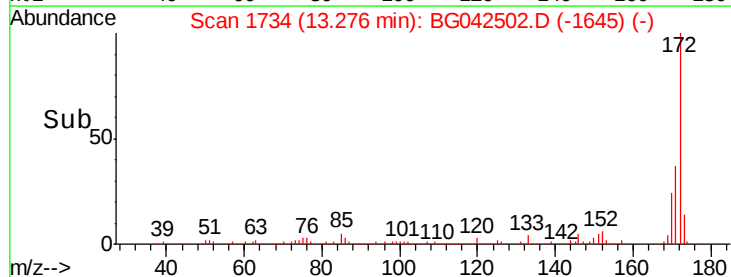
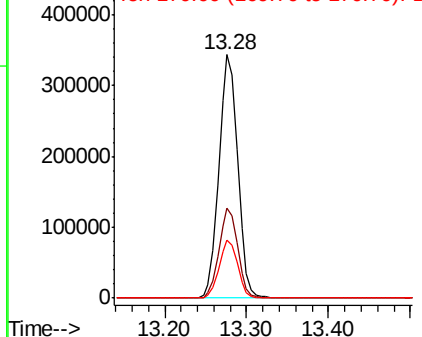


Abundance

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

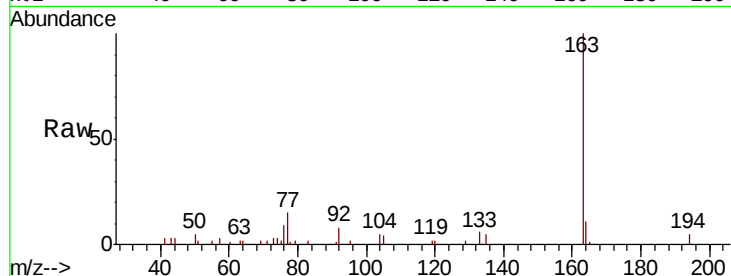




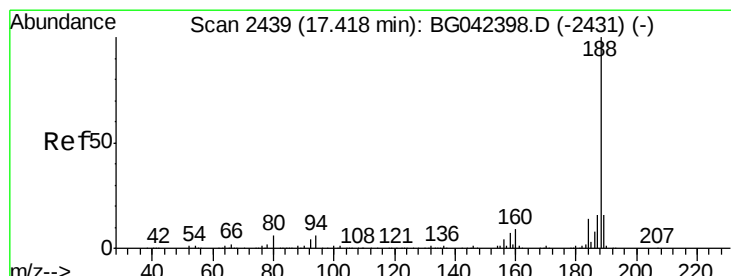
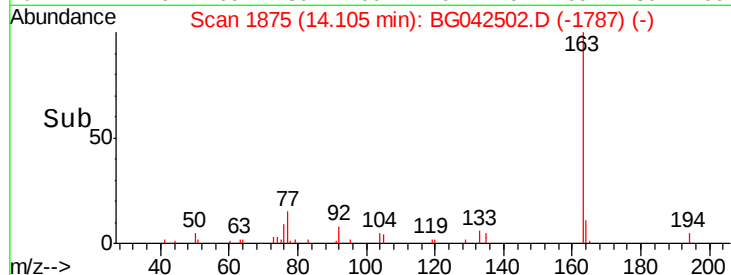
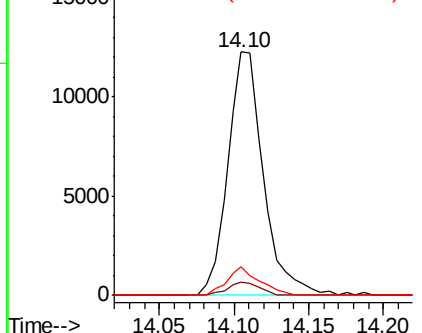
#50
Dimethylphthalate
Concen: 3.269 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042502.D
Acq: 26 Aug 2019 17:10

Instrument :
BNA_G
ClientSampleId :
WP-1

Tot Ion:163 Resp: 20474
Ion Ratio Lower Upper
163 100
194 5.3 4.2 6.2
164 11.5 8.8 13.2

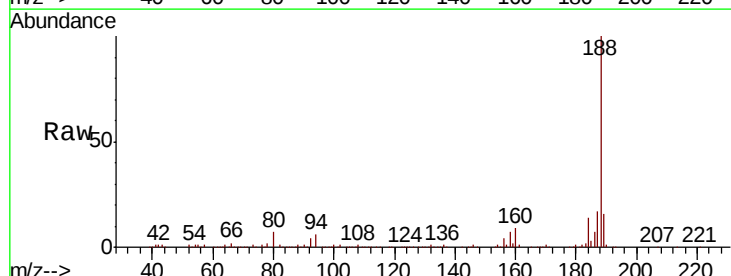


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

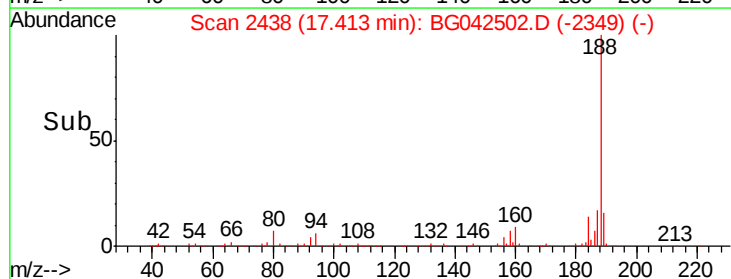
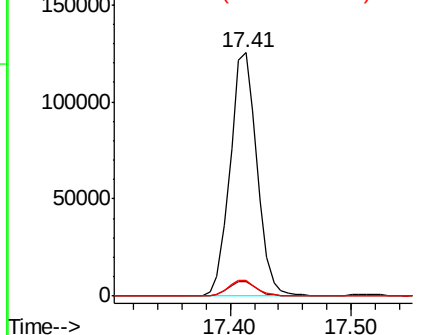


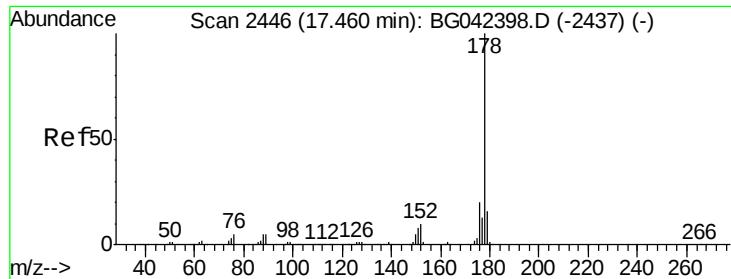
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042502.D
Acq: 26 Aug 2019 17:10

Tgt Ion:188 Resp: 194812
Ion Ratio Lower Upper
188 100
94 6.2 4.5 6.7
80 6.6 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

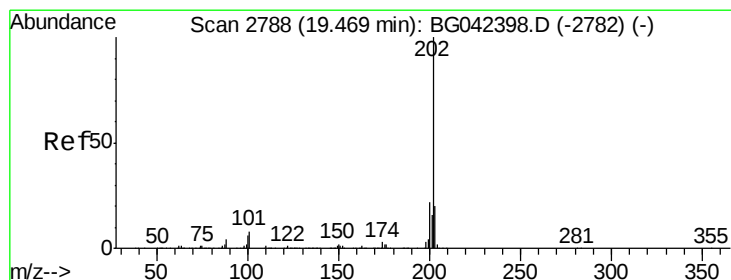
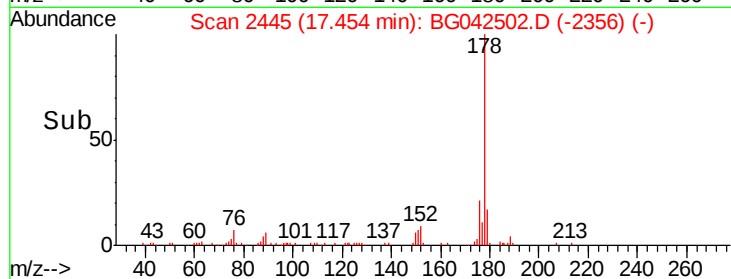
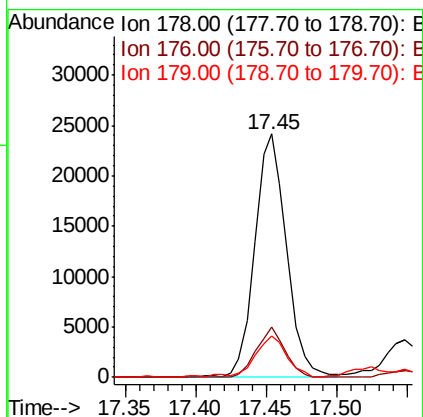
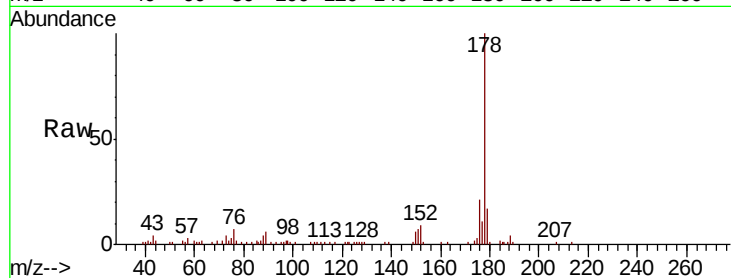




#71
Phenanthrene
Concen: 3.925 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042502.D
Acq: 26 Aug 2019 17:10

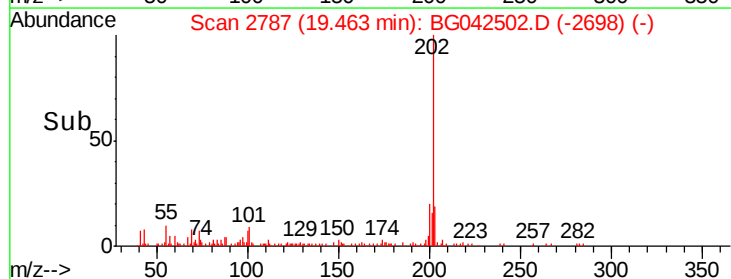
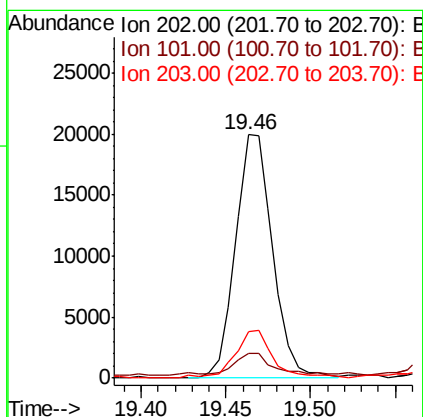
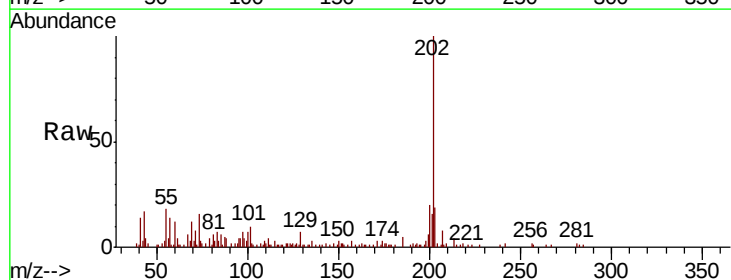
Instrument :
BNA_G
ClientSampleId :
WP-1

Tot Ion:178 Resp: 37979
Ion Ratio Lower Upper
178 100
176 20.5 15.9 23.9
179 16.8 12.7 19.1



#75
Fluoranthene
Concen: 2.579 ng
RT: 19.46 min Scan# 2787
Delta R.T. -0.01 min
Lab File: BG042502.D
Acq: 26 Aug 2019 17:10

Tgt Ion:202 Resp: 30455
Ion Ratio Lower Upper
202 100
101 10.0 0.0 28.3
203 19.3 0.0 39.6

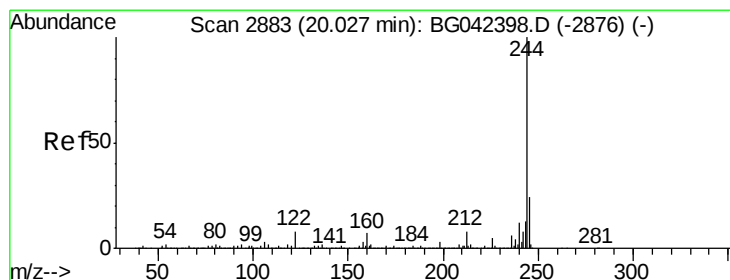
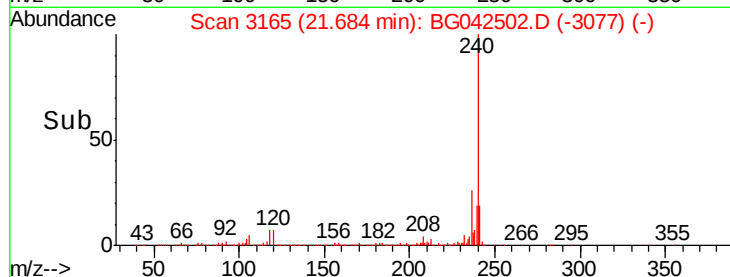
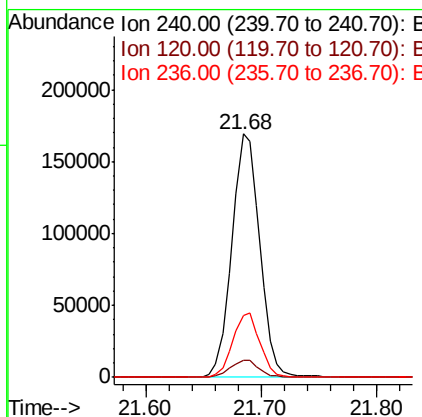
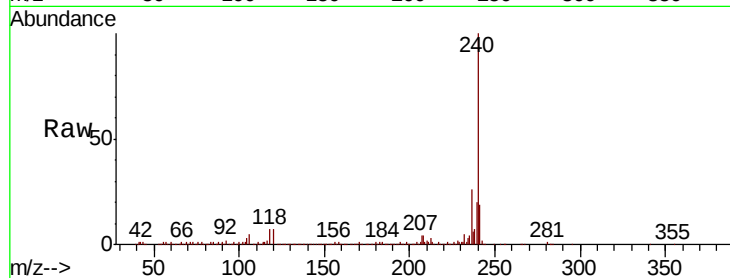




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042502.D
Acq: 26 Aug 2019 17:10

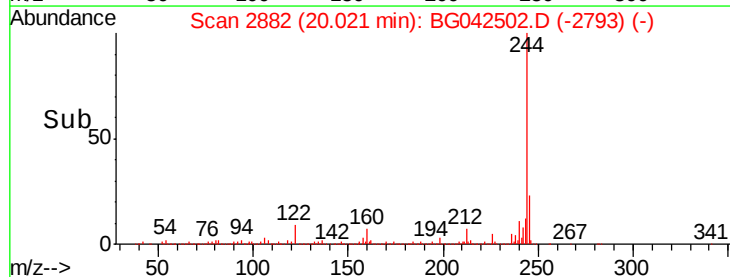
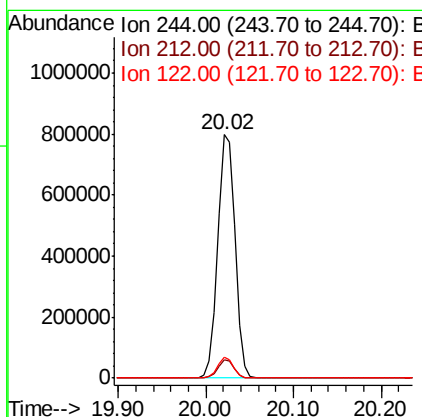
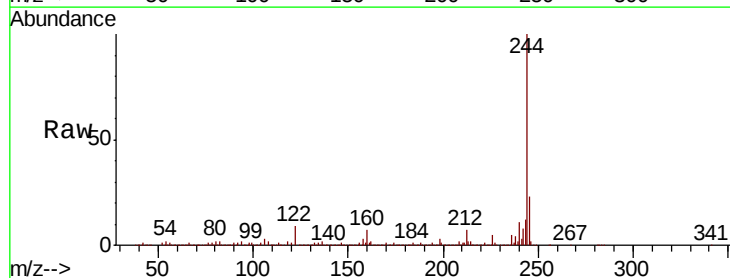
Instrument :
BNA_G
ClientSampleId :
WP-1

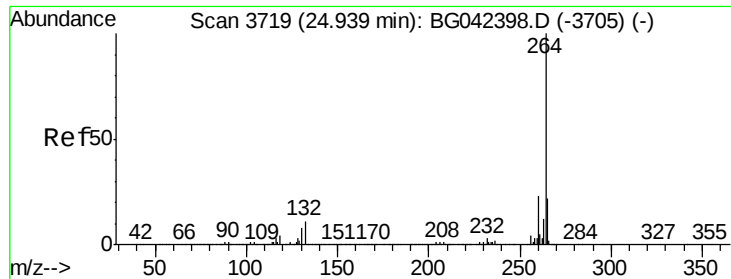
Tot Ion:240 Resp: 283450
Ion Ratio Lower Upper
240 100
120 7.2 5.7 8.5
236 25.6 21.0 31.4



#79
Terphenyl-d14
Concen: 84.432 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042502.D
Acq: 26 Aug 2019 17:10

Tgt Ion:244 Resp: 1106988
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 8.5 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: BG042502.D
 Acq: 26 Aug 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :
 WP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	20.8	17.6	26.4

