

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042344.D
 Acq On : 20 Aug 2019 2:17
 Operator : HP/JU
 Sample : K4290-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WP-1

Quant Time: Aug 20 07:34:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

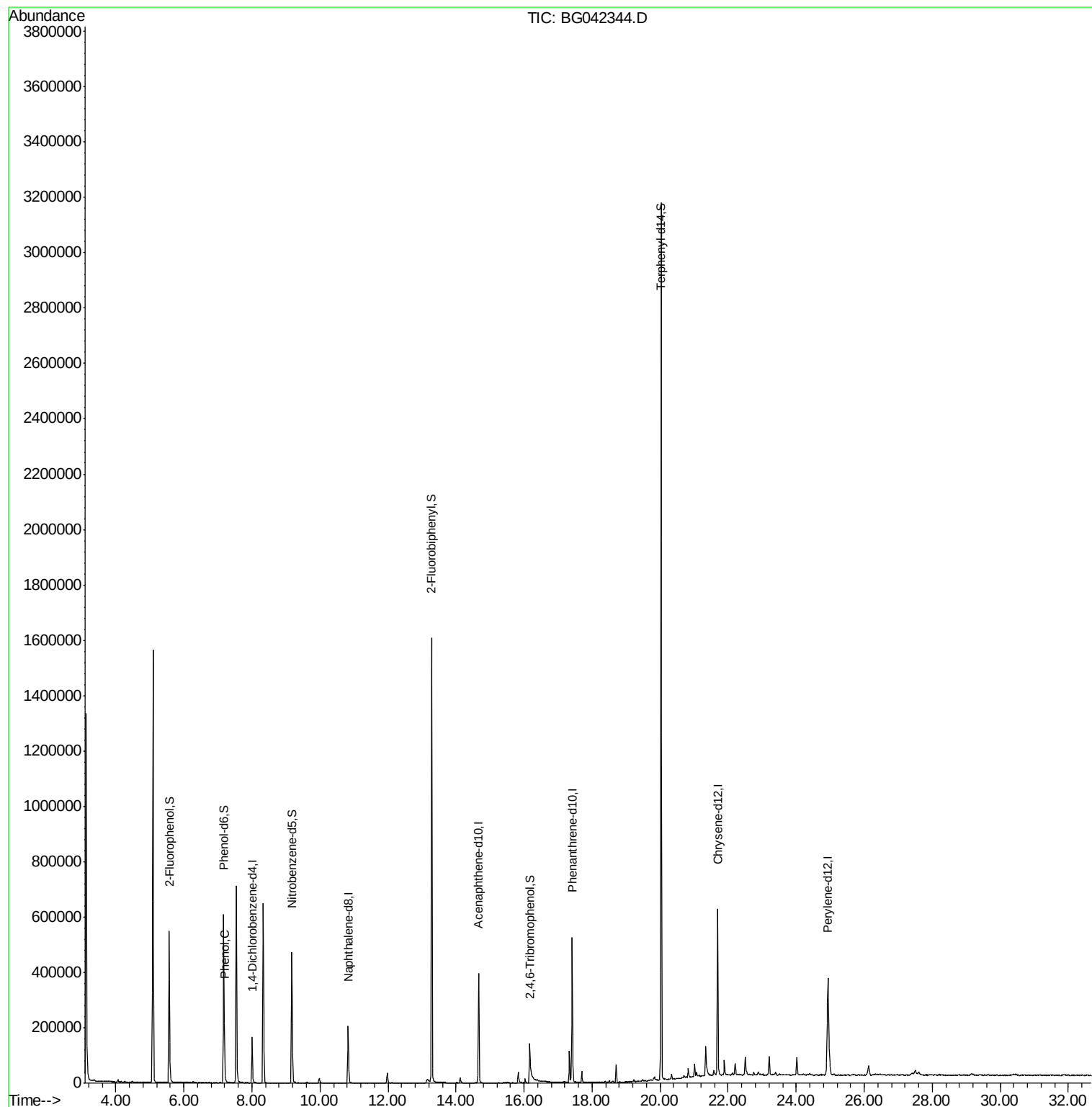
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	55312	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	218401	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	161577	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	360207	20.00	ng	0.00
76) Chrysene-d12	21.69	240	365392	20.00	ng	0.00
87) Perylene-d12	24.93	264	426273	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	306264	112.19	ng	0.00
7) Phenol-d6	7.17	99	415050	111.94	ng	0.00
23) Nitrobenzene-d5	9.17	82	295892	95.29	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	68202	30.99	ng	0.01
45) 2-Fluorobiphenyl	13.28	172	927274	97.11	ng	0.00
79) Terphenyl-d14	20.03	244	1528693	91.64	ng	0.00
Target Compounds						
10) Phenol	7.20	94	19094	5.065	ng	Qvalue 83

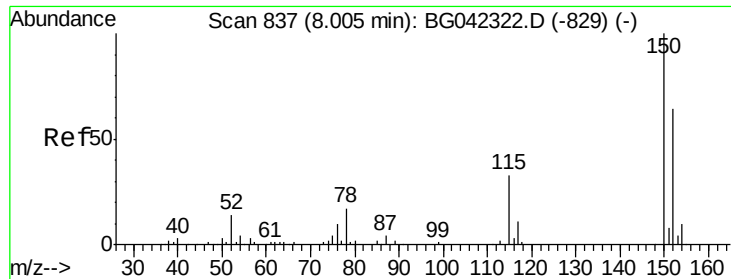
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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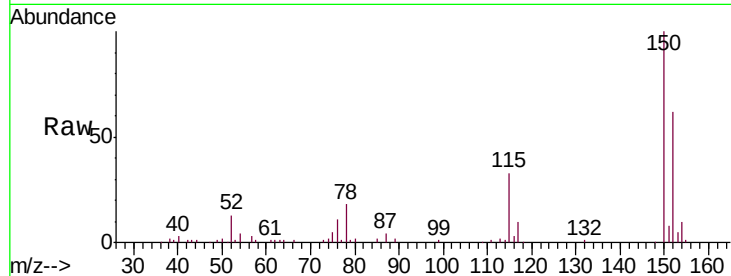


#1

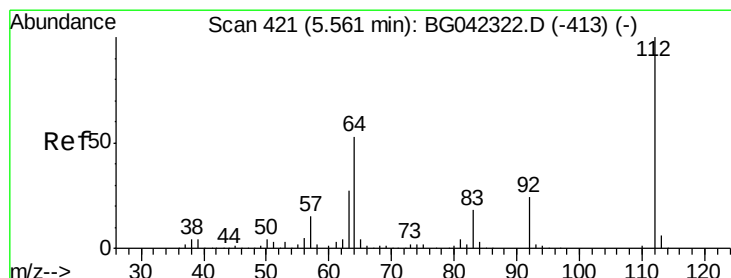
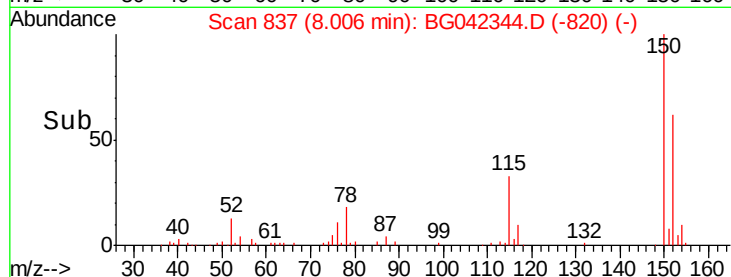
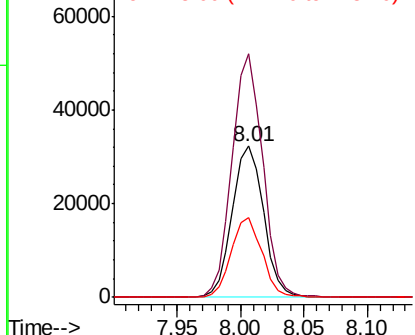
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042344.D
Acq: 20 Aug 2019 2:17

Instrument :
BNA_G
ClientSampleId :
WP-1

Tot Ion:152 Resp: 55312
Ion Ratio Lower Upper
152 100
150 160.9 124.3 186.5
115 52.7 40.5 60.7



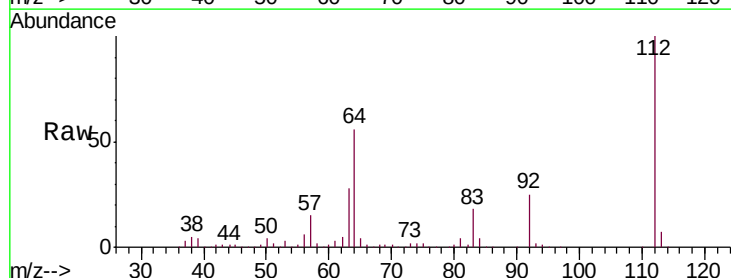
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



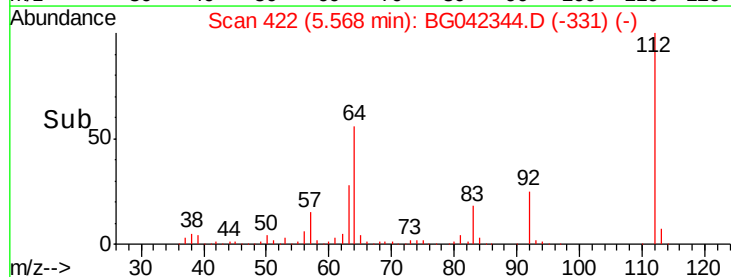
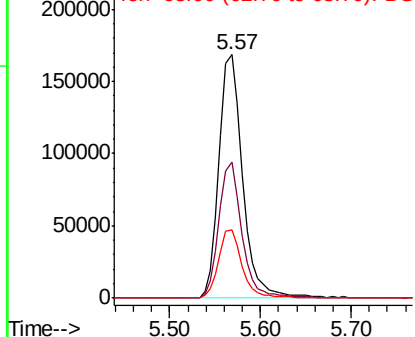
#5

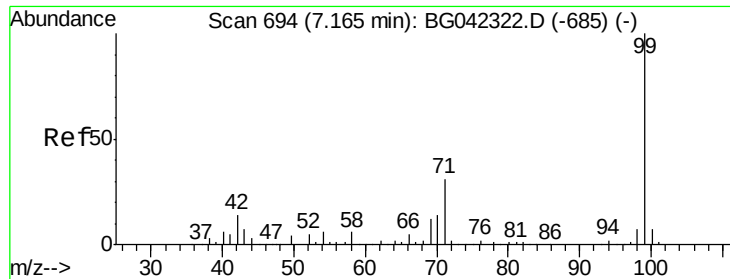
2-Fluorophenol
Concen: 112.185 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042344.D
Acq: 20 Aug 2019 2:17

Tgt Ion:112 Resp: 306264
Ion Ratio Lower Upper
112 100
64 55.8 42.5 63.7
63 28.0 21.7 32.5



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: 111.944 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042344.D

Acq: 20 Aug 2019 2:17

Instrument :

BNA_G

ClientSampleId :

WP-1

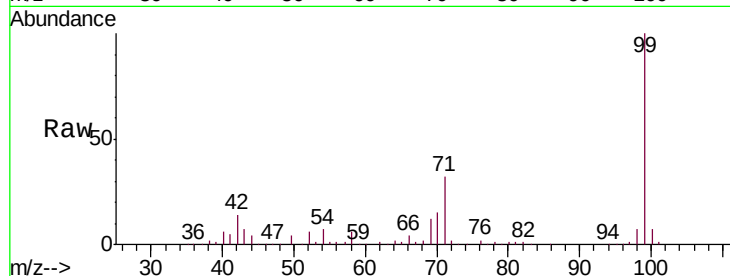
Tot Ion: 99 Resp: 415050

Ion Ratio Lower Upper

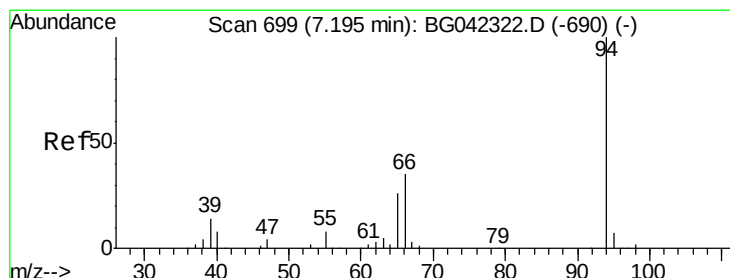
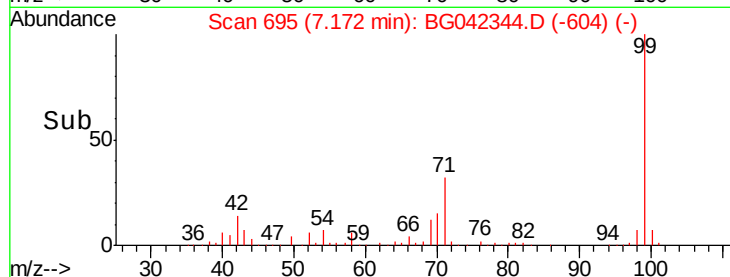
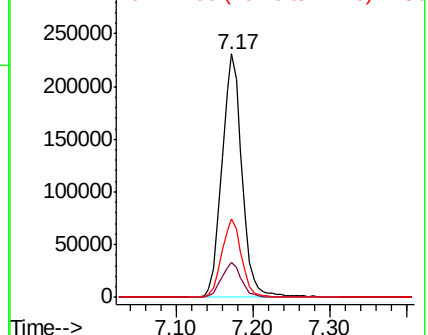
99 100

42 14.3 11.4 17.0

71 32.1 25.1 37.7



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: 5.065 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG042344.D

Acq: 20 Aug 2019 2:17

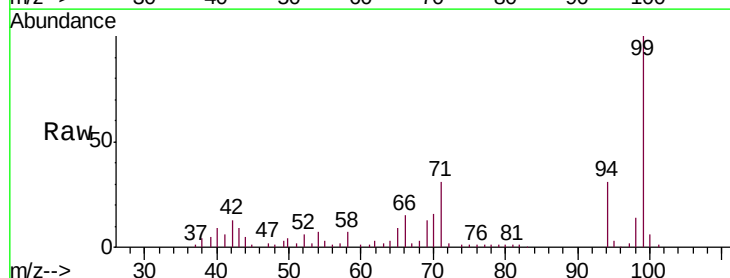
Tgt Ion: 94 Resp: 19094

Ion Ratio Lower Upper

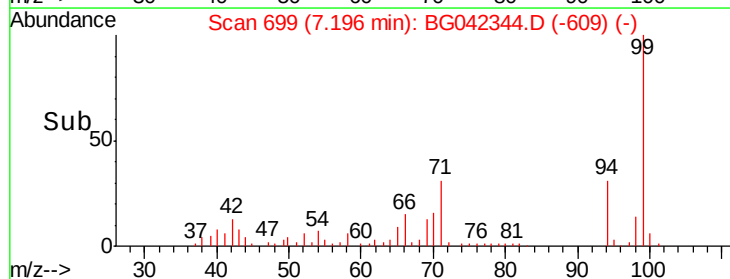
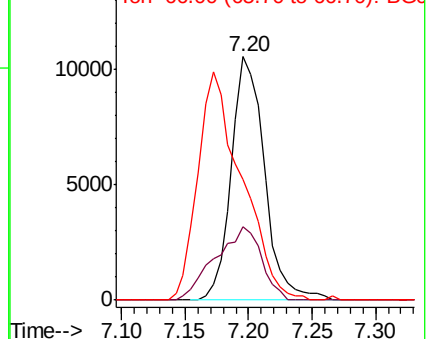
94 100

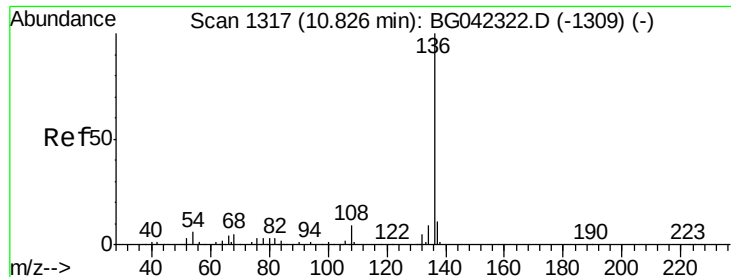
65 30.2 6.1 46.1

66 49.4 15.7 55.7



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: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042344.D

Acq: 20 Aug 2019 2:17

Instrument :

BNA_G

ClientSampleId :

WP-1

Tot Ion:136 Resp: 218401

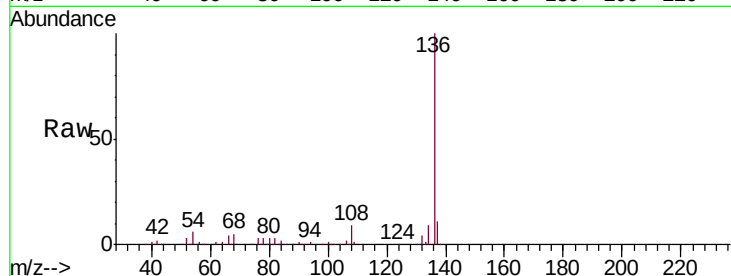
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 6.3 5.0 7.4

68 4.9 3.8 5.8

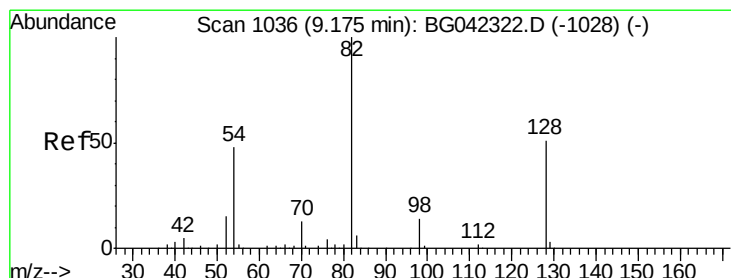
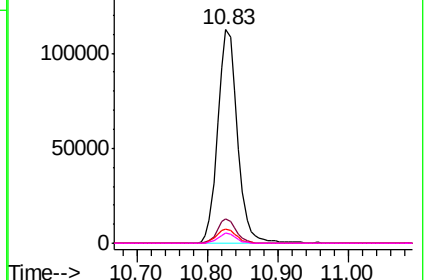
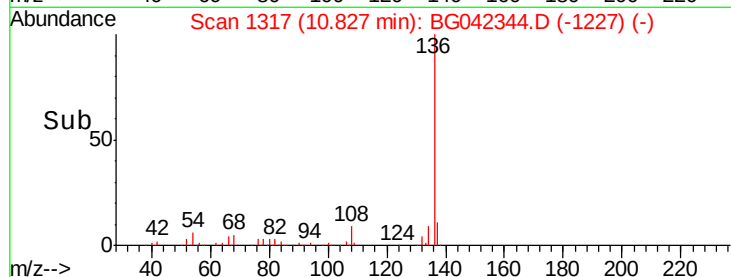


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.288 ng

RT: 9.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BG042344.D

Acq: 20 Aug 2019 2:17

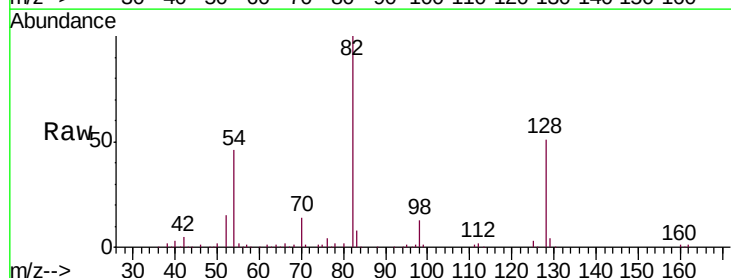
Tgt Ion: 82 Resp: 295892

Ion Ratio Lower Upper

82 100

128 51.4 41.0 61.4

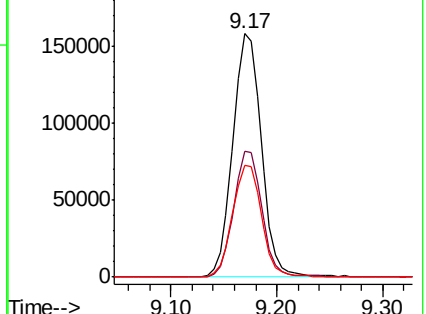
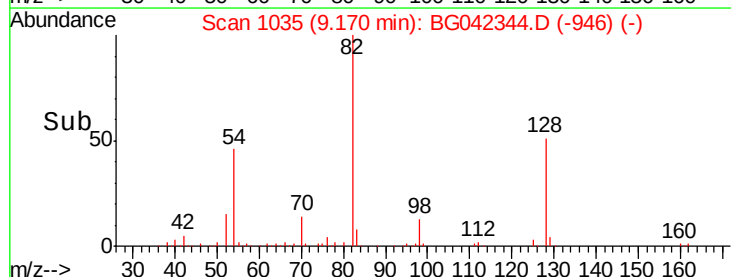
54 46.1 38.0 57.0

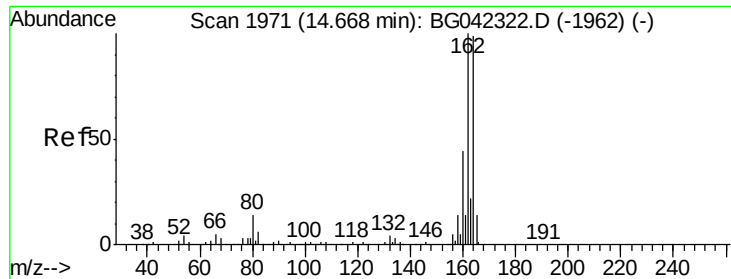


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

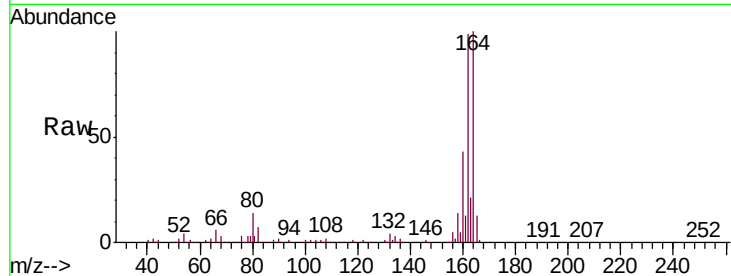




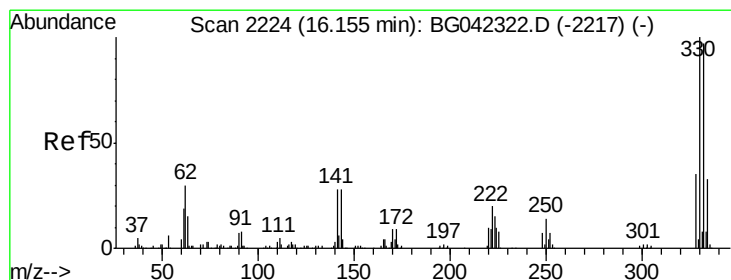
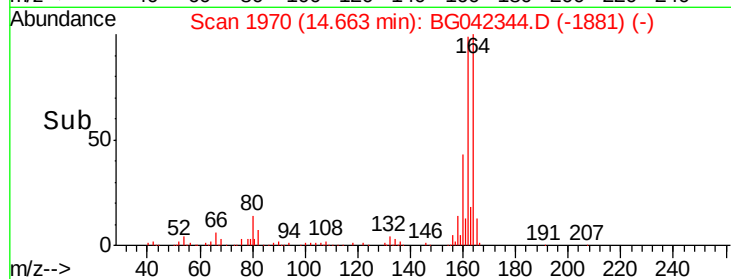
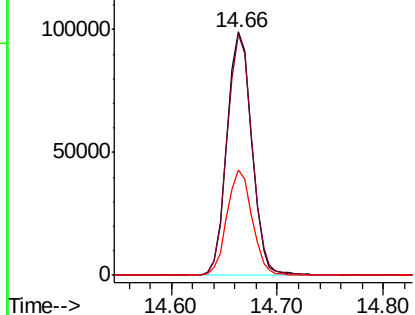
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042344.D
Acq: 20 Aug 2019 2:17

Instrument :
BNA_G
ClientSampleId :
WP-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.6	120.8
160	43.1	35.7	53.5

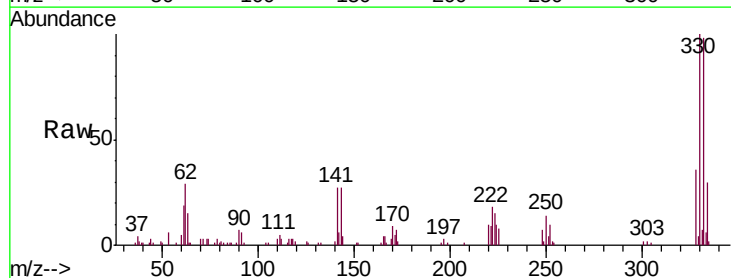


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

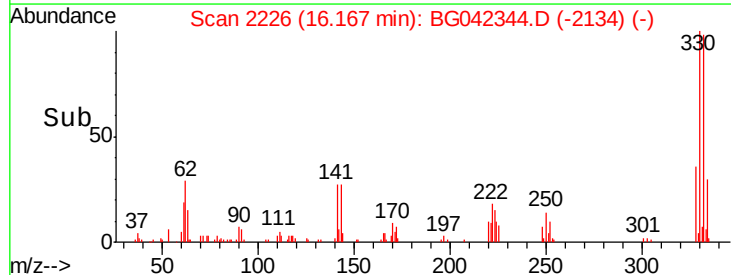
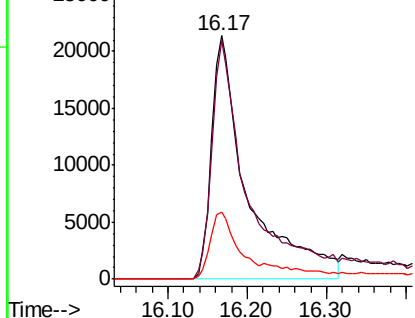


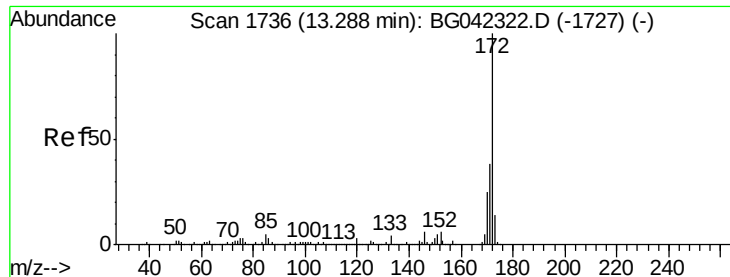
#42
2,4,6-Tribromophenol
Concen: 30.992 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BG042344.D
Acq: 20 Aug 2019 2:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.9	115.3
141	27.9	21.8	32.6



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

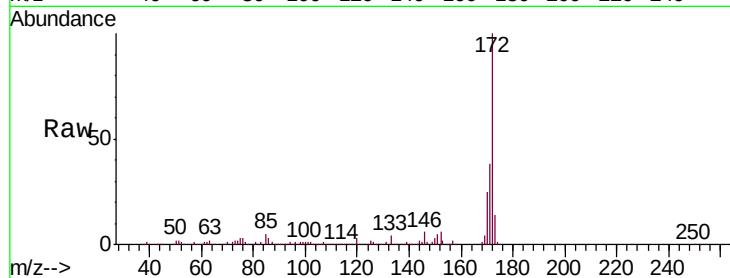




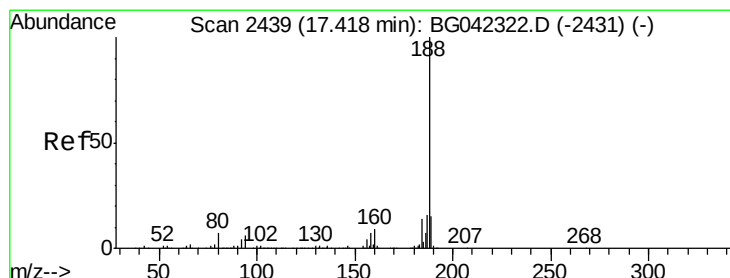
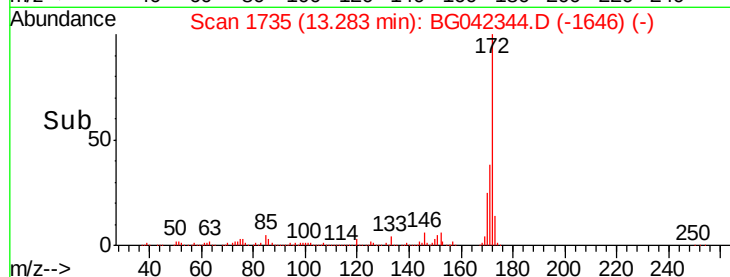
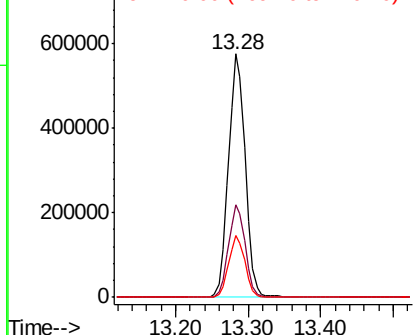
#45
2-Fluorobiphenyl
Concen: 97.111 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042344.D
Acq: 20 Aug 2019 2:17

Instrument :
BNA_G
ClientSampleId :
WP-1

Tot Ion:172 Resp: 927274
Ion Ratio Lower Upper
172 100
171 37.9 30.3 45.5
170 25.2 20.0 30.0

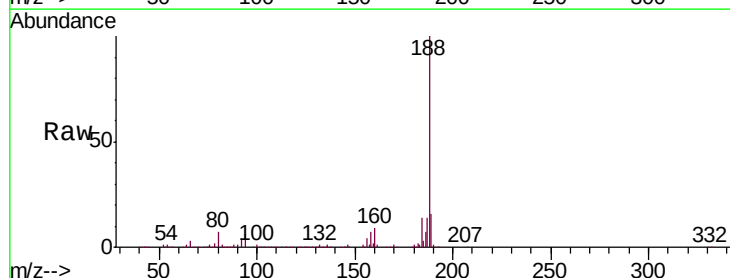


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

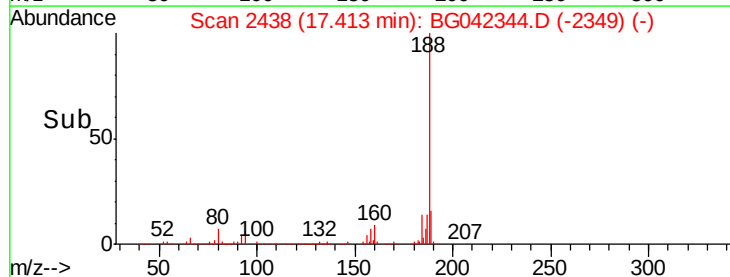
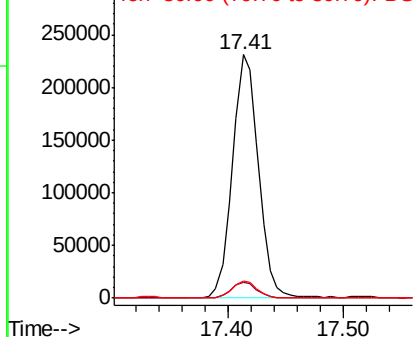


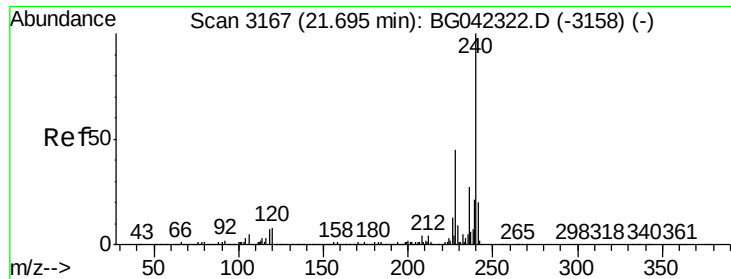
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG042344.D
Acq: 20 Aug 2019 2:17

Tgt Ion:188 Resp: 360207
Ion Ratio Lower Upper
188 100
94 6.4 4.9 7.3
80 6.9 5.4 8.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

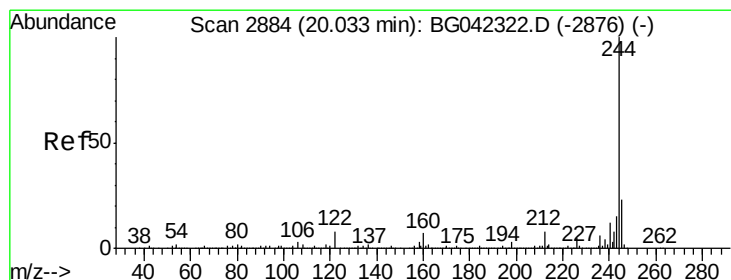
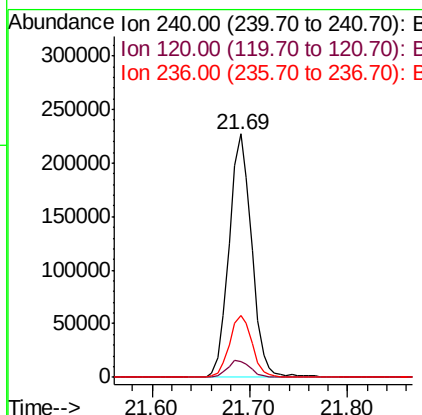
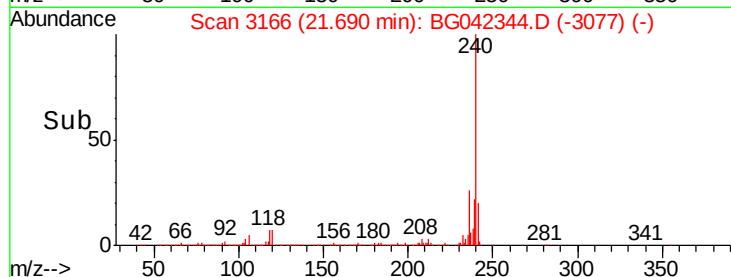
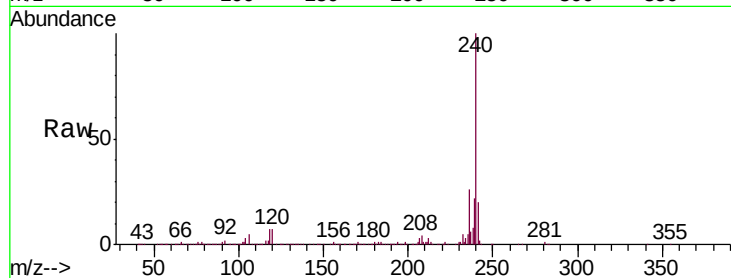




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG042344.D
Acq: 20 Aug 2019 2:17

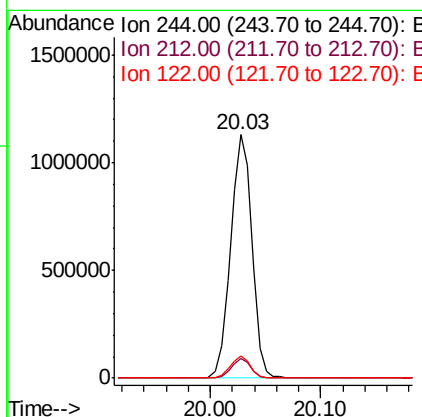
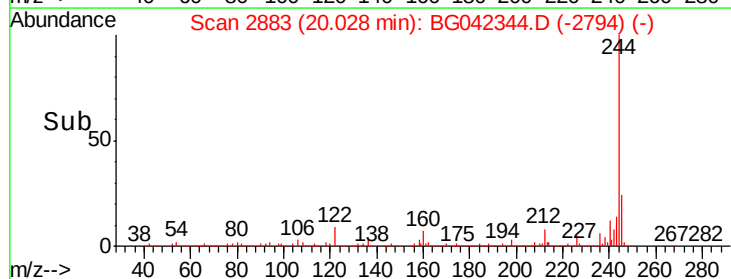
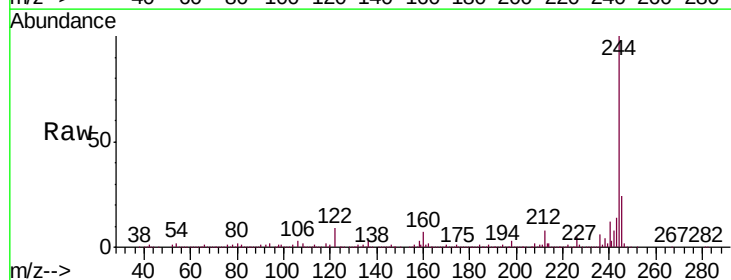
Instrument :
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WP-1

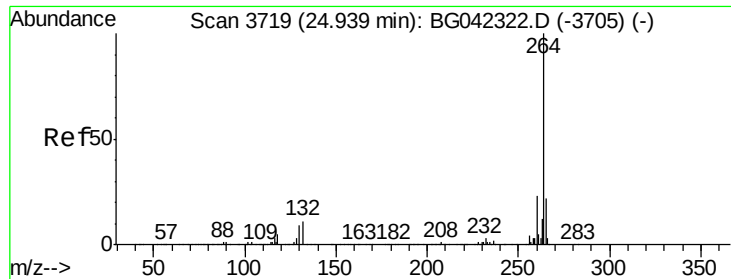
Tot Ion:240 Resp: 365392
Ion Ratio Lower Upper
240 100
120 6.7 6.0 9.0
236 25.6 21.6 32.4



#79
Terphenyl-d14
Concen: 91.635 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG042344.D
Acq: 20 Aug 2019 2:17

Tgt Ion:244 Resp: 1528693
Ion Ratio Lower Upper
244 100
212 8.2 6.4 9.6
122 9.2 6.6 10.0

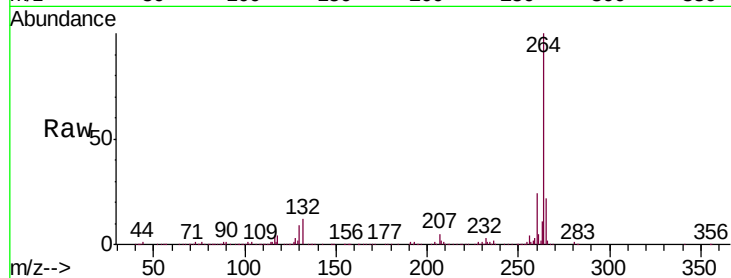




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.01 min
 Lab File: BG042344.D
 Acq: 20 Aug 2019 2:17

Instrument :
 BNA_G
 ClientSampleId :
 WP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.7	17.4	26.0



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

