

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043917.D
 Acq On : 4 Jan 2020 11:35
 Operator : JU
 Sample : K6479-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Q091-WC-01

Quant Time: Jan 06 05:39:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	133378	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	560171	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	373249	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	818876	20.00	ng	0.00
76) Chrysene-d12	21.58	240	713789	20.00	ng	0.00
87) Perylene-d12	24.72	264	781324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1069123	147.18	ng	0.00
7) Phenol-d6	7.13	99	1427876	140.62	ng	0.00
23) Nitrobenzene-d5	9.12	82	922112	88.06	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	517321	132.44	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1916510	93.03	ng	0.00
79) Terphenyl-d14	19.95	244	2672651	92.32	ng	0.00

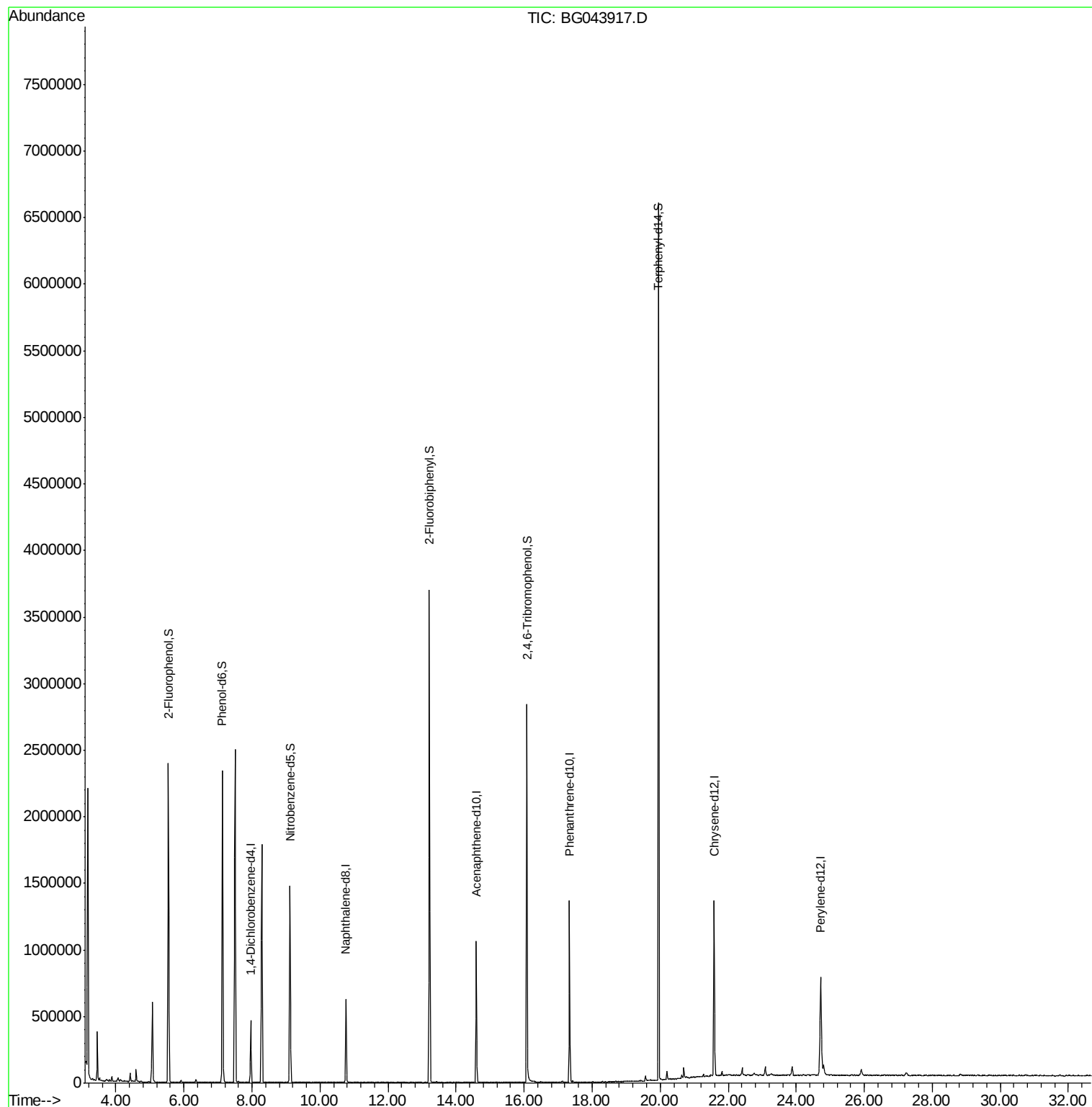
Target Compounds Qvalue

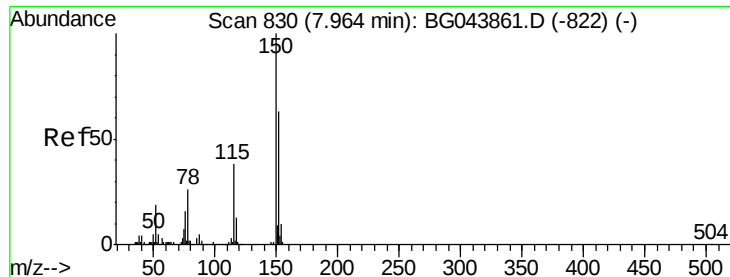
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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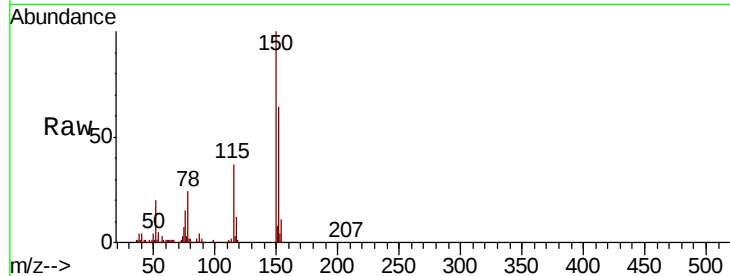


#1

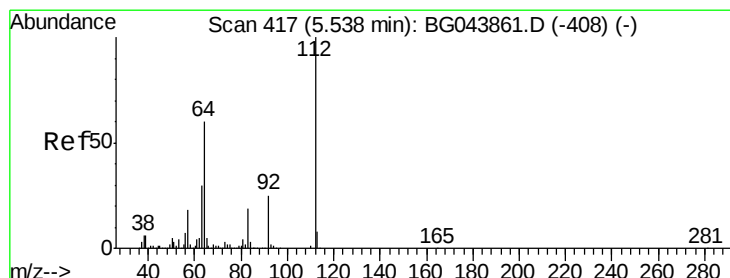
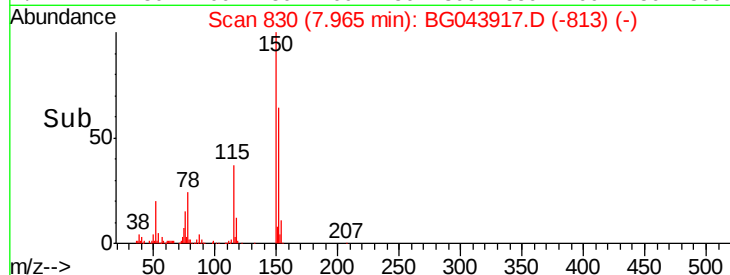
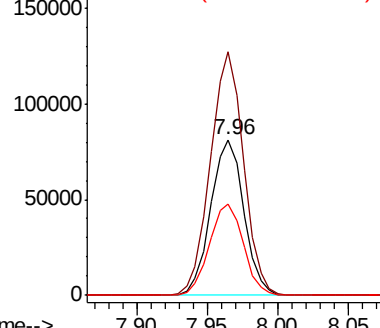
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043917.D
Acq: 4 Jan 2020 11:35

Instrument :
BNA_G
ClientSampleId :
Q091-WC-01

Tot Ion:152 Resp: 133378
Ion Ratio Lower Upper
152 100
150 156.4 127.0 190.4
115 58.6 47.8 71.8



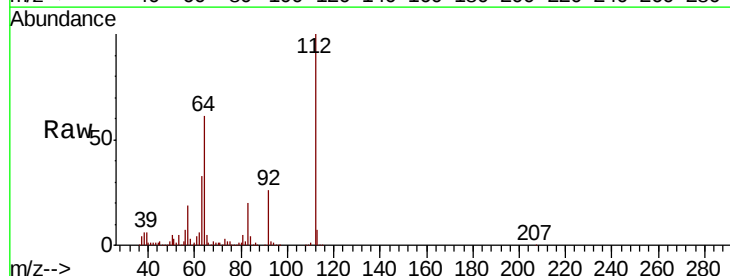
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



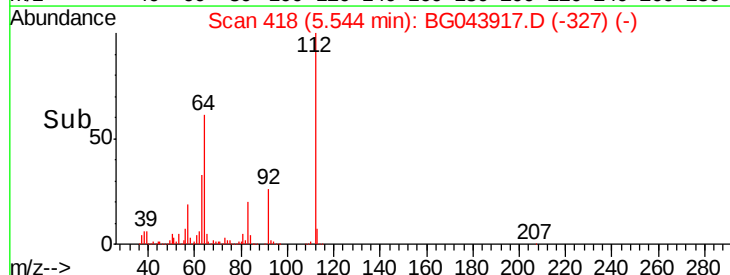
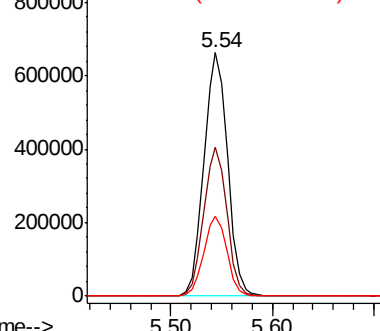
#5

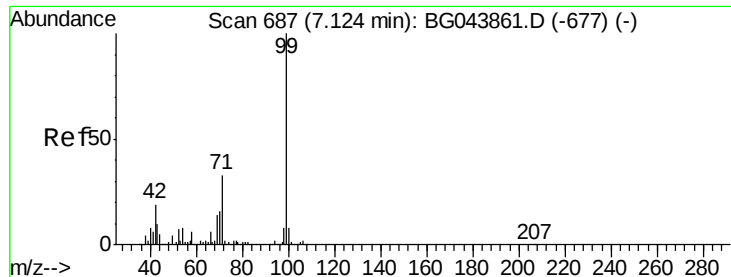
2-Fluorophenol
Concen: 147.179 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG043917.D
Acq: 4 Jan 2020 11:35

Tgt Ion:112 Resp: 1069123
Ion Ratio Lower Upper
112 100
64 61.1 47.8 71.6
63 32.6 24.3 36.5



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: 140.623 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043917.D

Acq: 4 Jan 2020 11:35

Instrument :

BNA_G

ClientSampleId :

Q091-WC-01

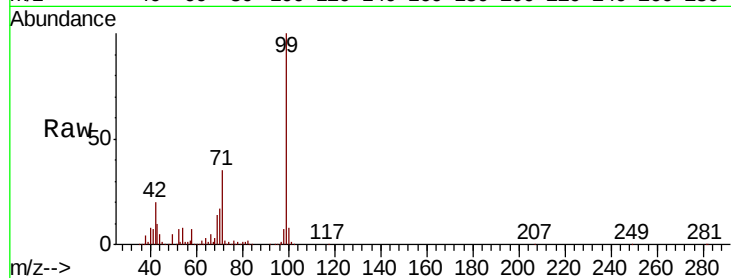
Tot Ion: 99 Resp: 1427876

Ion Ratio Lower Upper

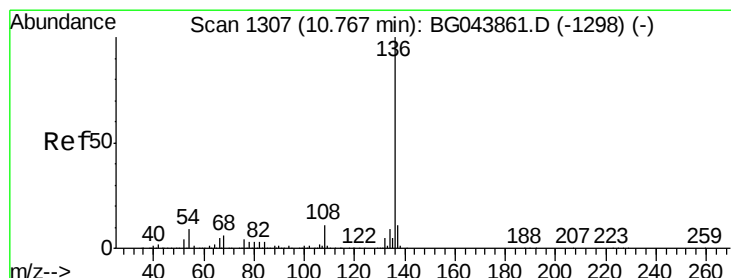
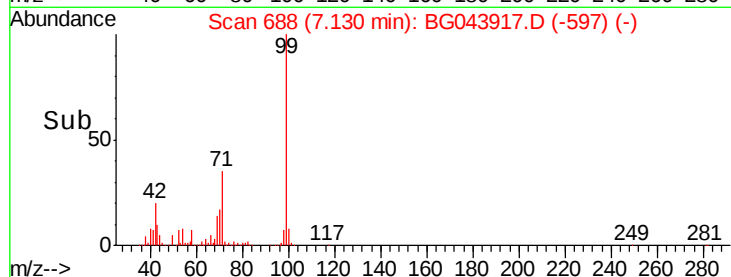
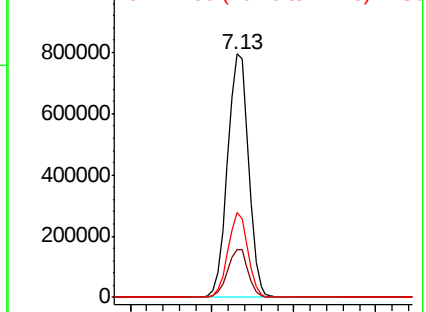
99 100

42 19.7 14.9 22.3

71 34.9 26.4 39.6



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: 10.76 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG043917.D

Acq: 4 Jan 2020 11:35

Tgt Ion: 136 Resp: 560171

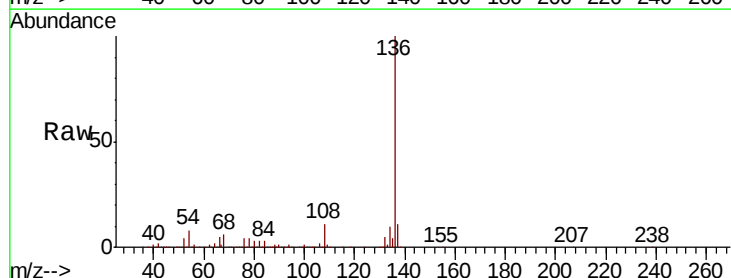
Ion Ratio Lower Upper

136 100

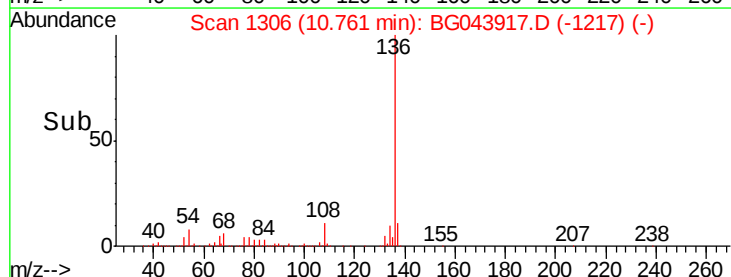
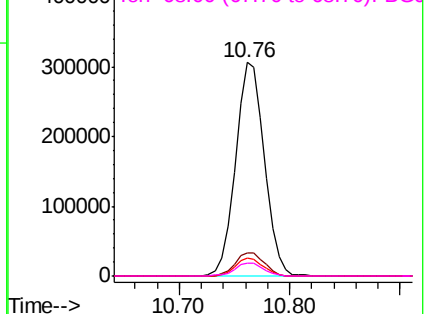
137 10.9 8.8 13.2

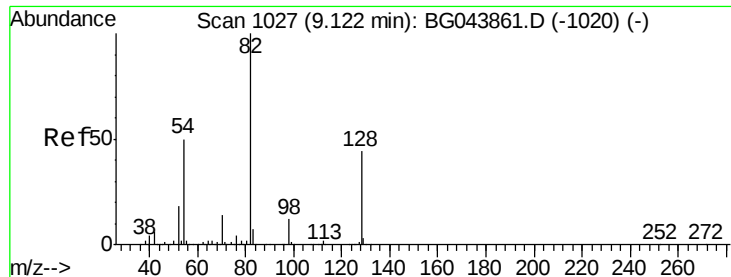
54 8.2 7.0 10.4

68 6.0 4.9 7.3



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

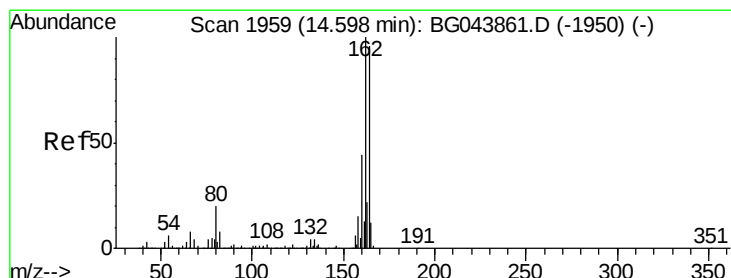
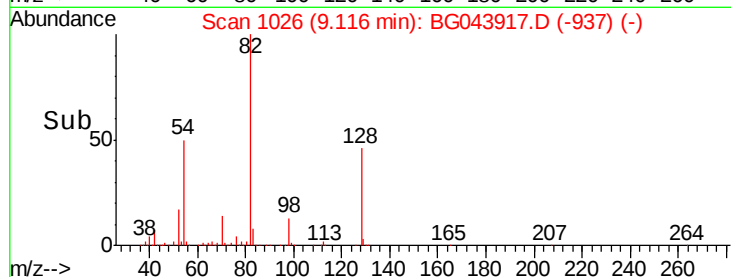
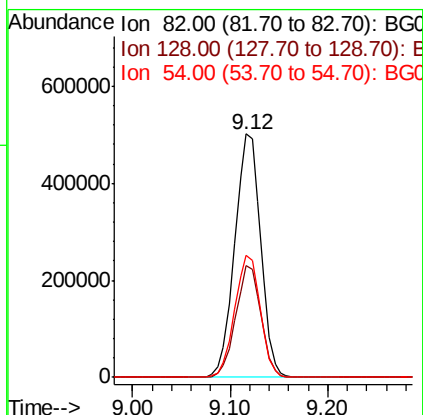
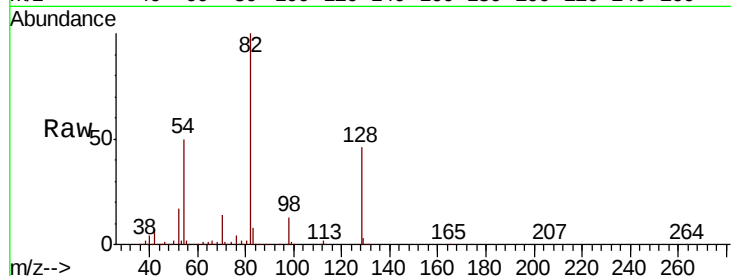




#23
Nitrobenzene-d5
Concen: 88.061 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043917.D
Acq: 4 Jan 2020 11:35

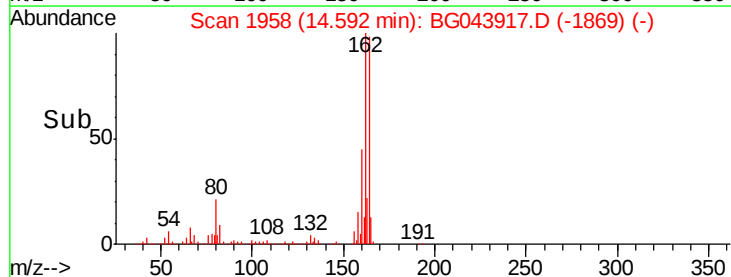
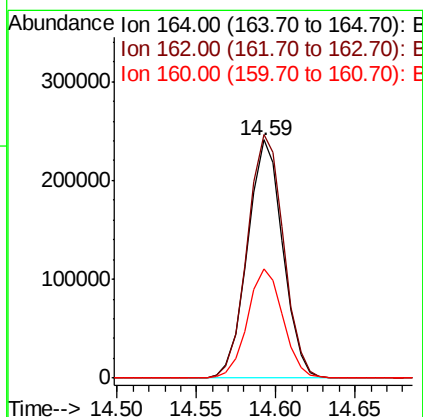
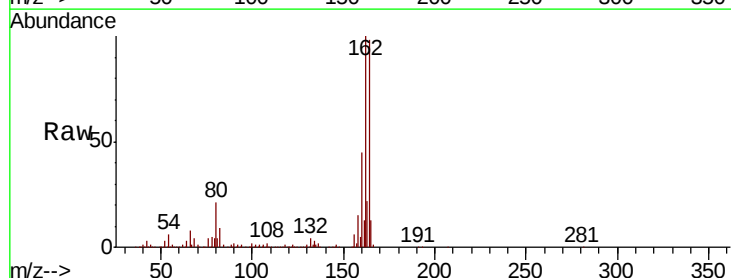
Instrument :
BNA_G
ClientSampleId :
Q091-WC-01

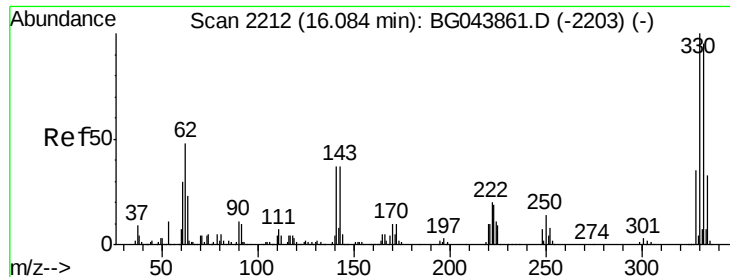
Tot Ion	82.00	Resp	922112
Ion Ratio	Lower	Upper	
82	100		
128	46.1	35.1	52.7
54	49.9	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043917.D
Acq: 4 Jan 2020 11:35

Tgt Ion	164	Resp	373249
Ion Ratio	Lower	Upper	
164	100		
162	102.2	83.0	124.4
160	45.6	36.1	54.1

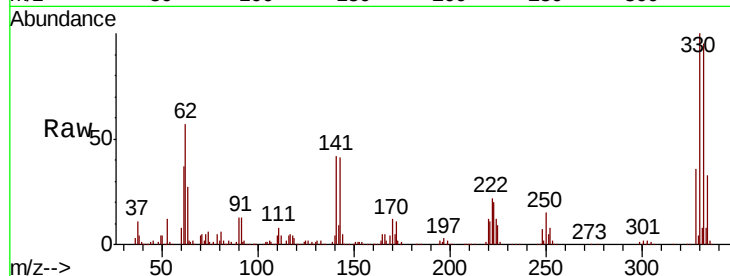




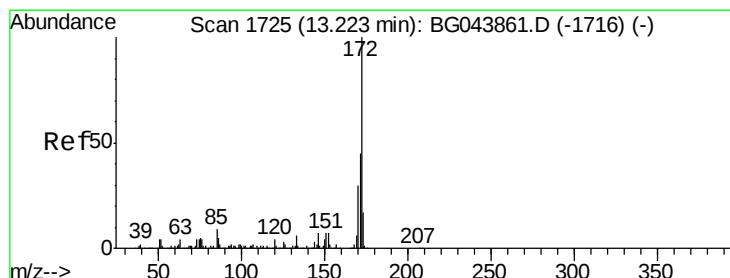
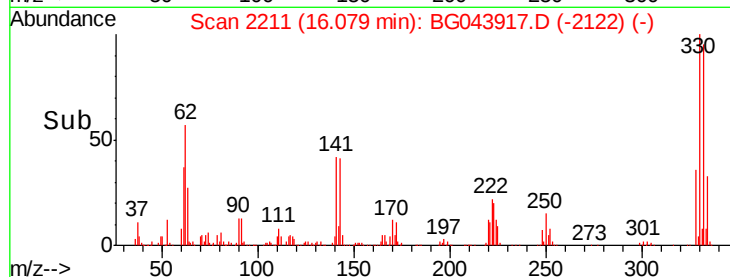
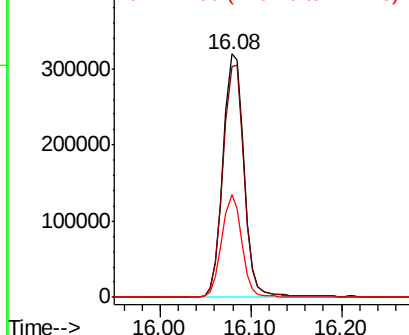
#42
 2,4,6-Tribromophenol
 Concen: 132.443 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: BG043917.D
 Acq: 4 Jan 2020 11:35

Instrument :
 BNA_G
 ClientSampleId :
 Q091-WC-01

Tot Ion:330 Resp: 517321
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.2 115.8
 141 40.5 33.1 49.7

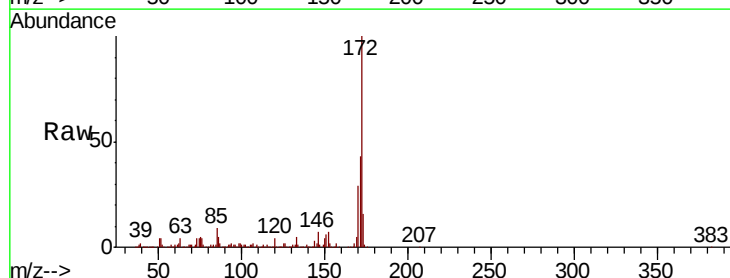


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

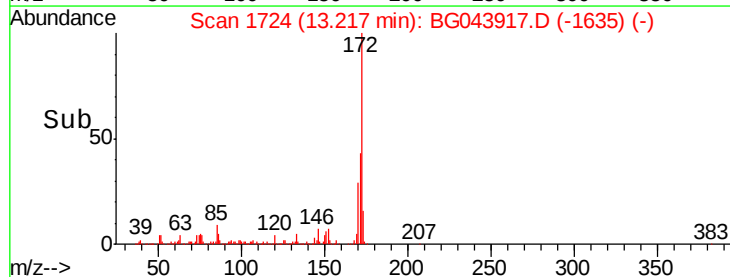
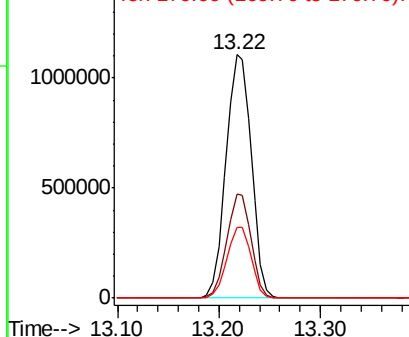


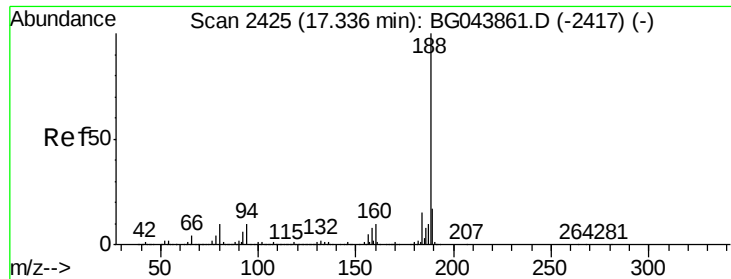
#45
 2-Fluorobiphenyl
 Concen: 93.028 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG043917.D
 Acq: 4 Jan 2020 11:35

Tgt Ion:172 Resp: 1916510
 Ion Ratio Lower Upper
 172 100
 171 42.6 35.8 53.8
 170 29.2 24.2 36.4



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: 17.34 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG043917.D

Acq: 4 Jan 2020 11:35

Instrument :

BNA_G

ClientSampleId :

Q091-WC-01

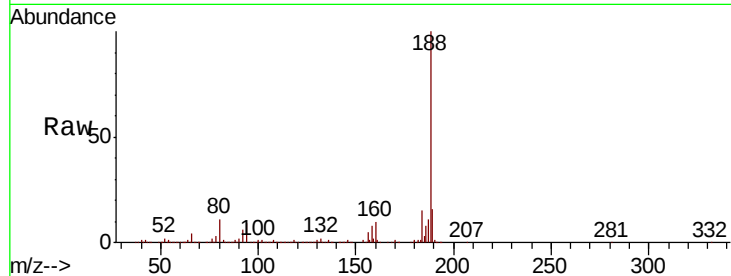
Tot Ion:188 Resp: 818876

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

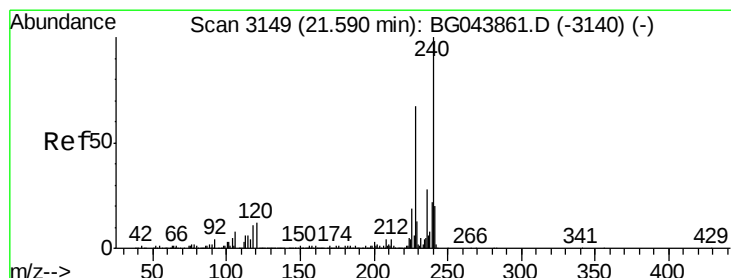
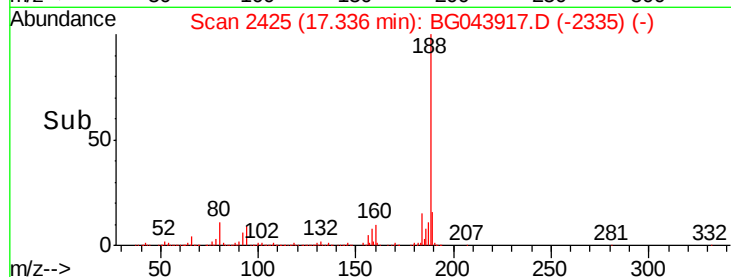
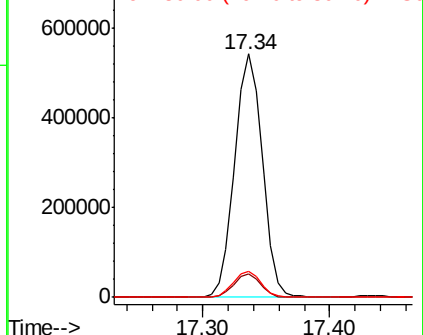
80 10.6 8.2 12.4



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: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG043917.D

Acq: 4 Jan 2020 11:35

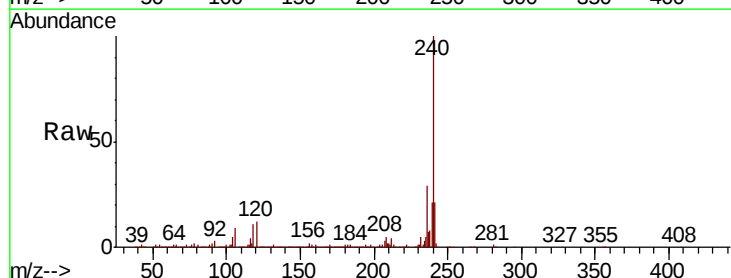
Tgt Ion:240 Resp: 713789

Ion Ratio Lower Upper

240 100

120 11.5 9.6 14.4

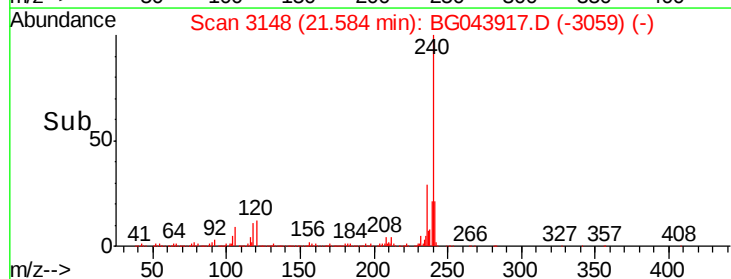
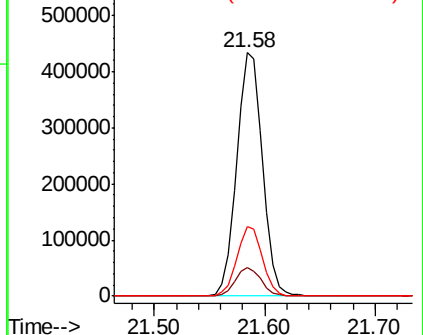
236 28.7 22.2 33.2

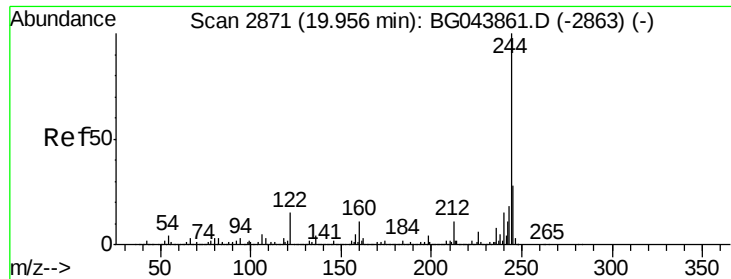


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.318 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043917.D

Acq: 4 Jan 2020 11:35

Instrument :

BNA_G

ClientSampleId :

Q091-WC-01

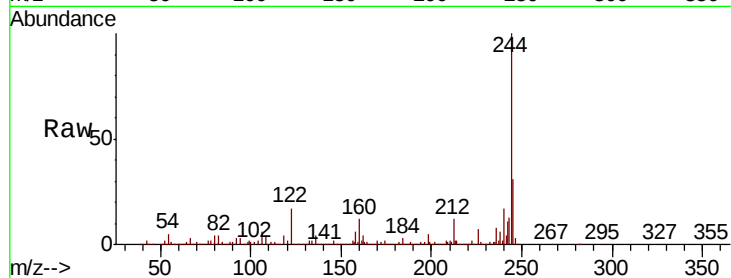
Tot Ion:244 Resp: 2672651

Ion Ratio Lower Upper

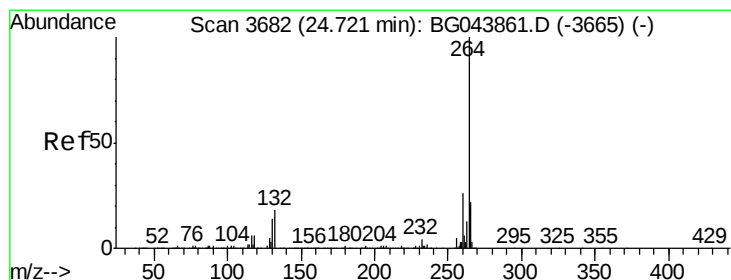
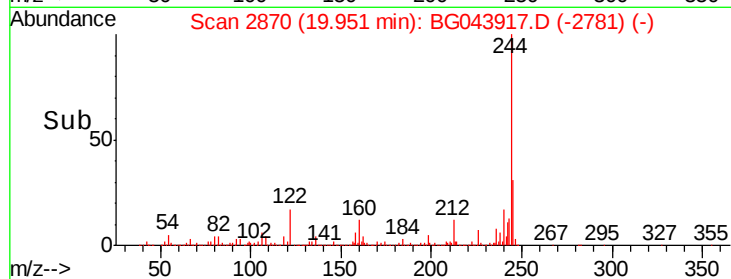
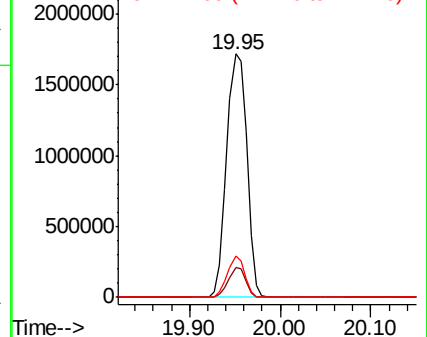
244 100

212 12.2 8.6 13.0

122 17.1 11.9 17.9



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: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043917.D

Acq: 4 Jan 2020 11:35

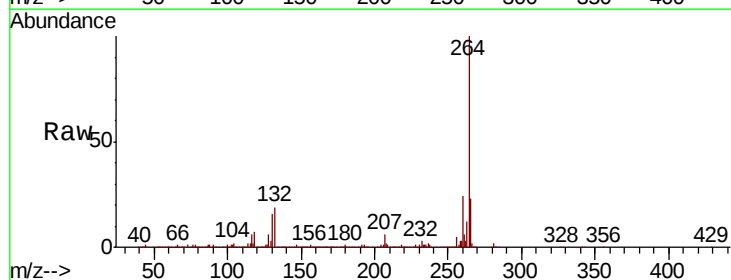
Tgt Ion:264 Resp: 781324

Ion Ratio Lower Upper

264 100

260 24.3 20.4 30.6

265 22.7 17.4 26.2



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

