

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043986.D
 Acq On : 9 Jan 2020 4:31
 Operator : JU
 Sample : K6474-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02

Quant Time: Jan 09 07:37:59 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	7.95	152	112441	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	443111	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	282826	20.00	ng	-0.02
64) Phenanthrene-d10	17.33	188	631025	20.00	ng	0.00
76) Chrysene-d12	21.57	240	545372	20.00	ng	-0.02
87) Perylene-d12	24.69	264	552448	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	882960	144.18	ng	0.00
7) Phenol-d6	7.12	99	1134270	132.51	ng	0.00
23) Nitrobenzene-d5	9.11	82	735106	88.75	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	463482	156.60	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1562452	100.09	ng	-0.02
79) Terphenyl-d14	19.94	244	2310191	109.94	ng	-0.02

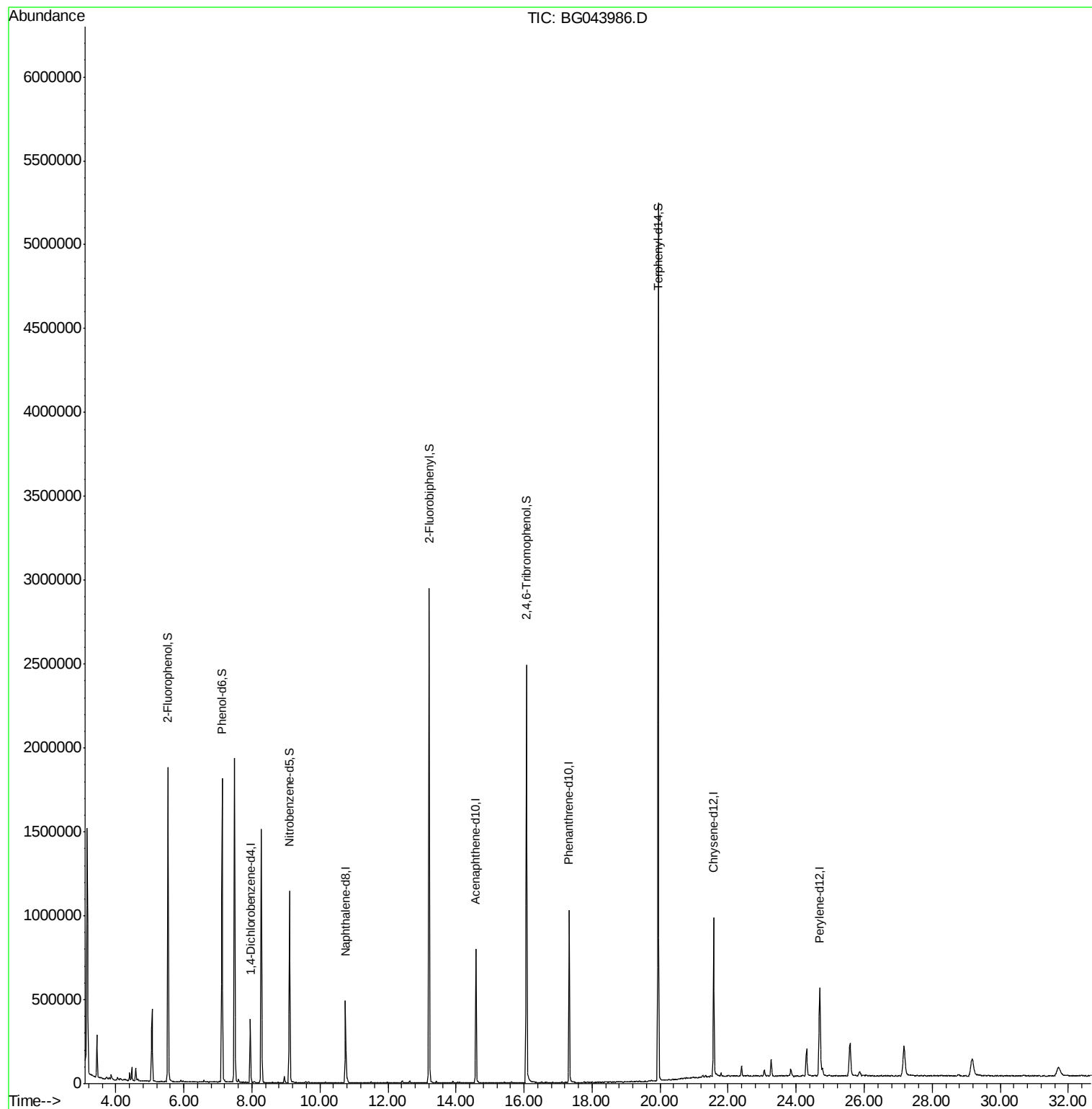
Target Compounds Qvalue

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

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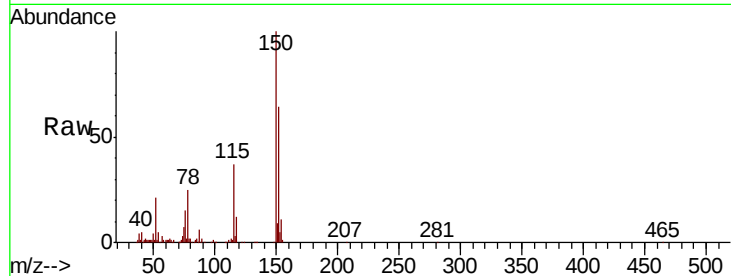


#1

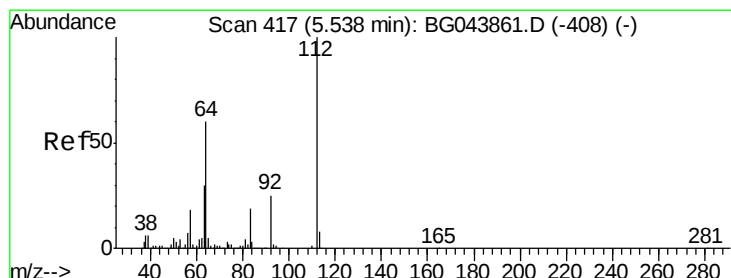
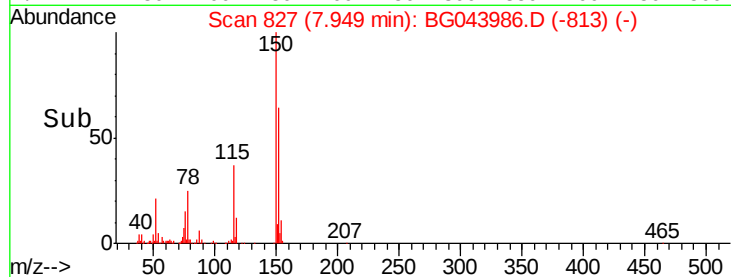
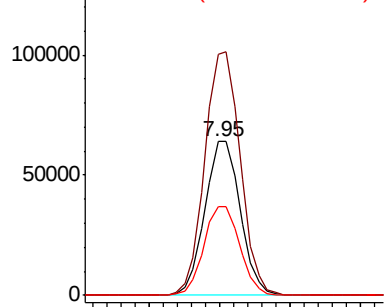
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG043986.D
Acq: 9 Jan 2020 4:31

Instrument :
BNA_G
ClientSampleId :
SB-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.0	190.4
115	57.8	47.8	71.8



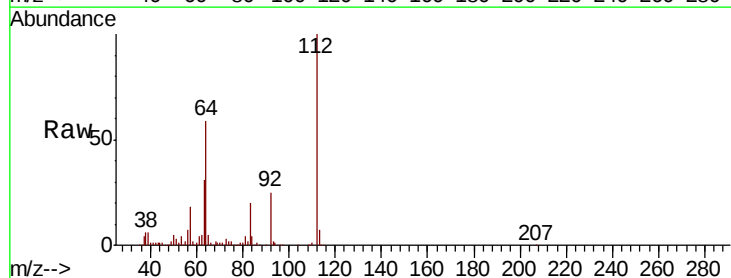
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



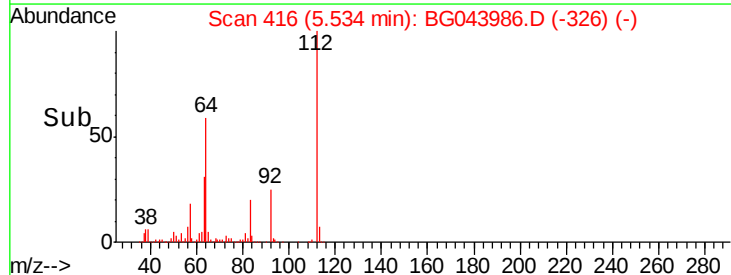
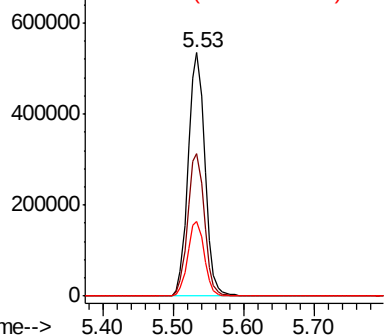
#5

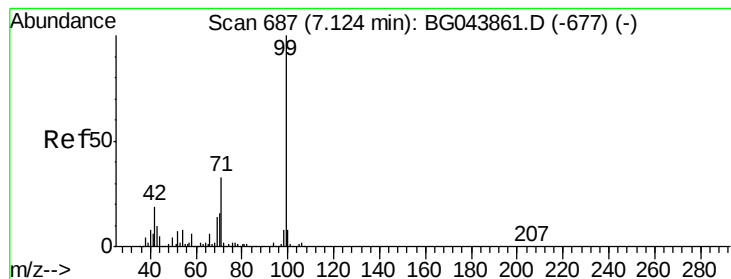
2-Fluorophenol
Concen: 144.184 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG043986.D
Acq: 9 Jan 2020 4:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.8	71.6
63	30.7	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: 132.508 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG043986.D

Acq: 9 Jan 2020 4:31

Instrument :

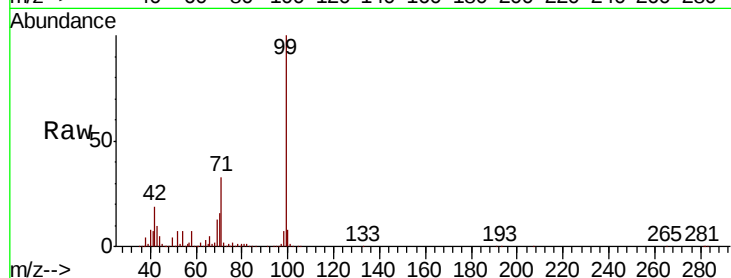
BNA_G

ClientSampleId :

SB-02

Tot Ion: 99 Resp: 1134270

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.9	22.3
71	33.0	26.4	39.6

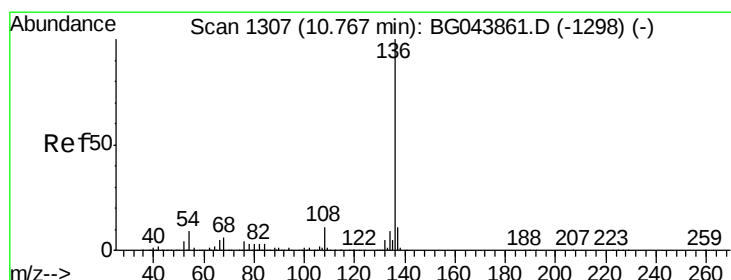
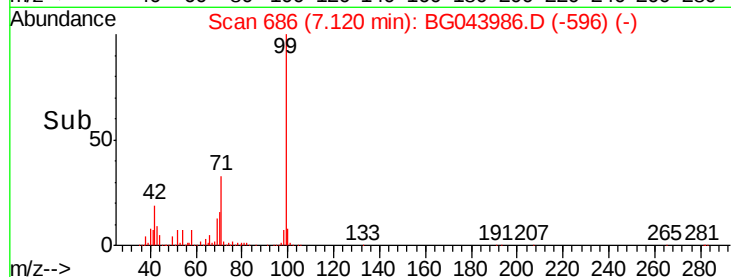
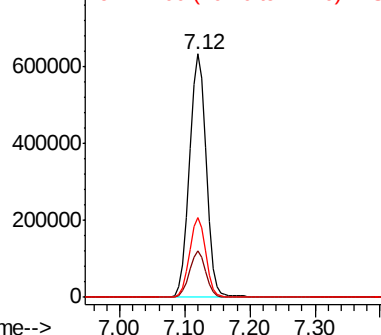


Abundance

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: 10.75 min Scan# 1304

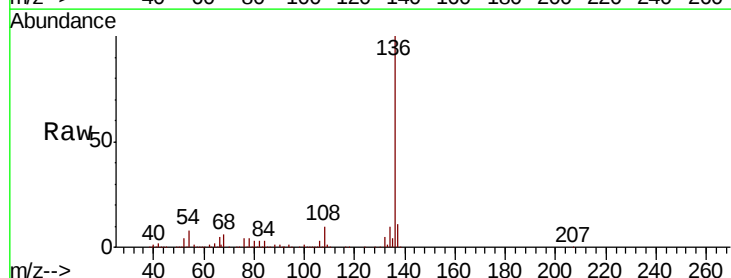
Delta R.T. -0.02 min

Lab File: BG043986.D

Acq: 9 Jan 2020 4:31

Tgt Ion: 136 Resp: 443111

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.1	7.0	10.4
68	6.1	4.9	7.3



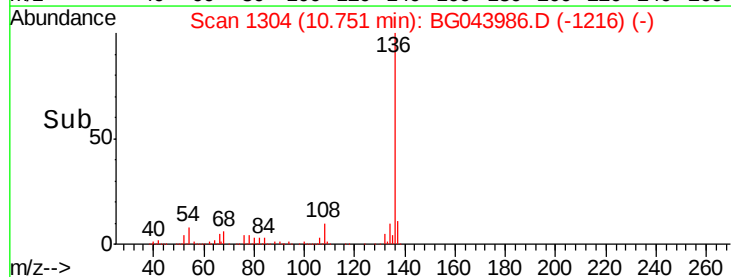
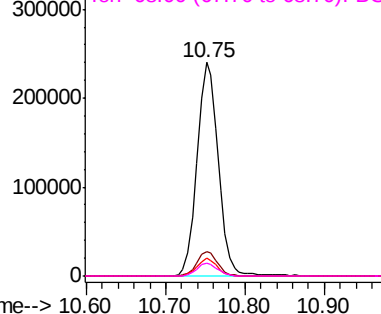
Abundance

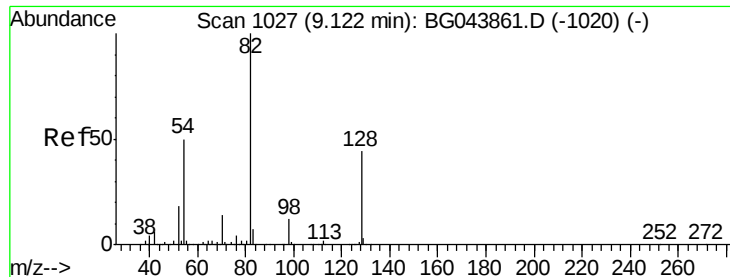
Ion 136.00 (135.70 to 136.70): BGC

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: 88.748 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BG043986.D

Acq: 9 Jan 2020 4:31

Instrument :

BNA_G

ClientSampled :

SB-02

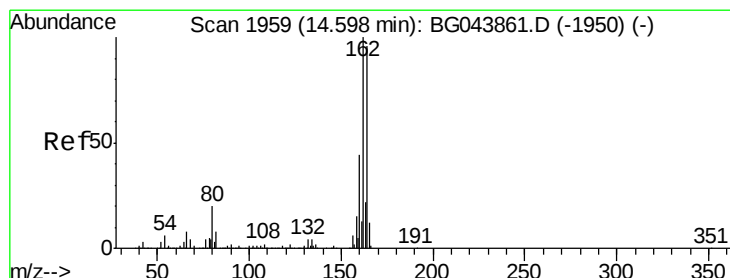
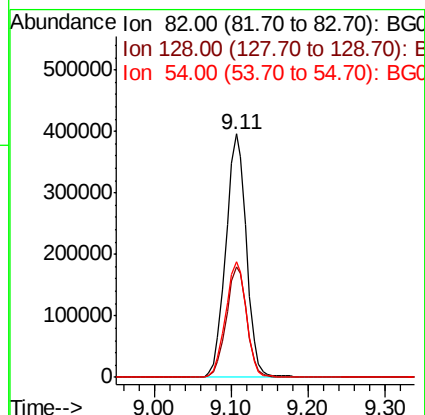
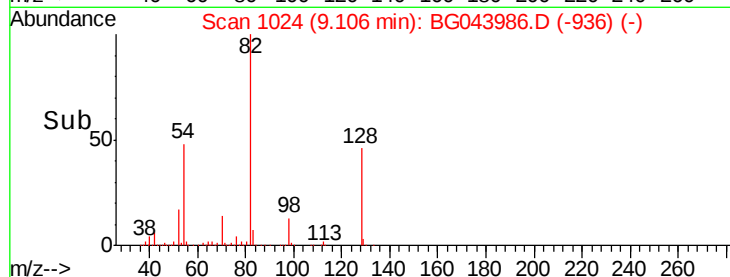
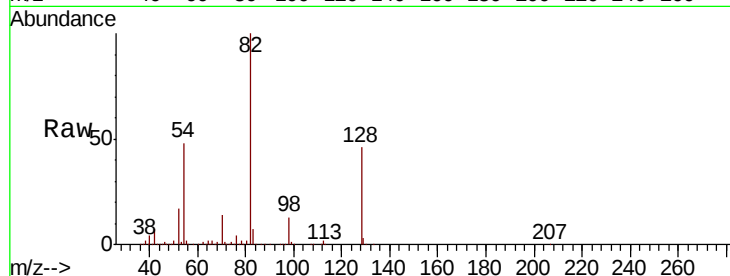
Tot Ion: 82 Resp: 735106

Ion Ratio Lower Upper

82 100

128 45.6 35.1 52.7

54 47.6 40.1 60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG043986.D

Acq: 9 Jan 2020 4:31

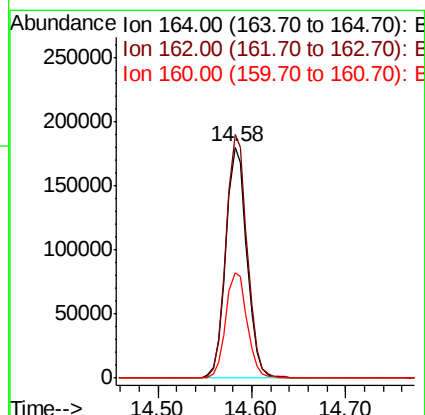
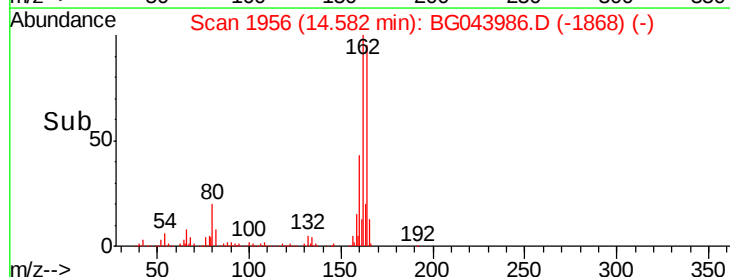
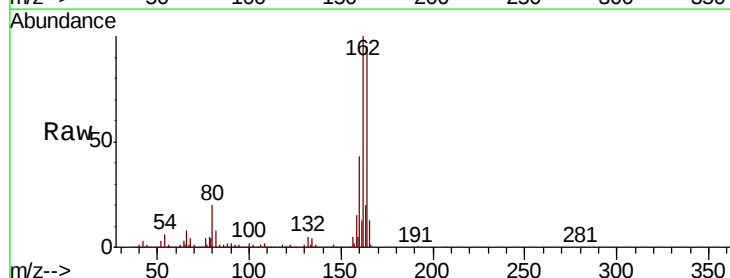
Tgt Ion: 164 Resp: 282826

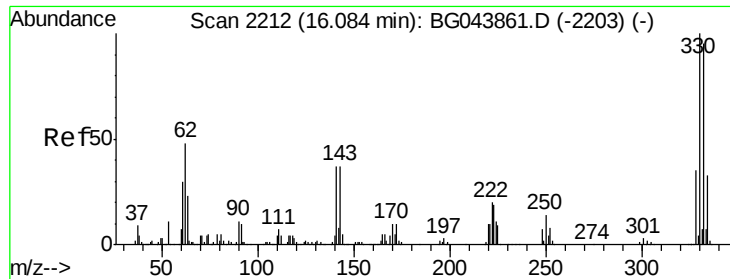
Ion Ratio Lower Upper

164 100

162 105.2 83.0 124.4

160 45.4 36.1 54.1

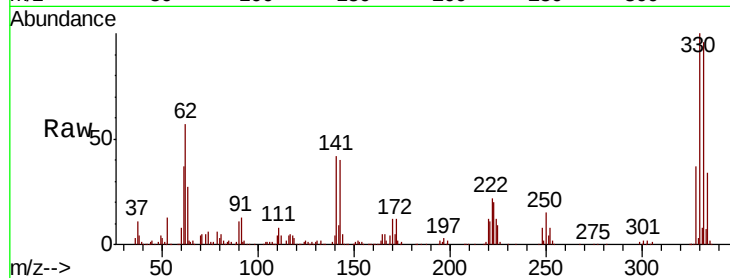




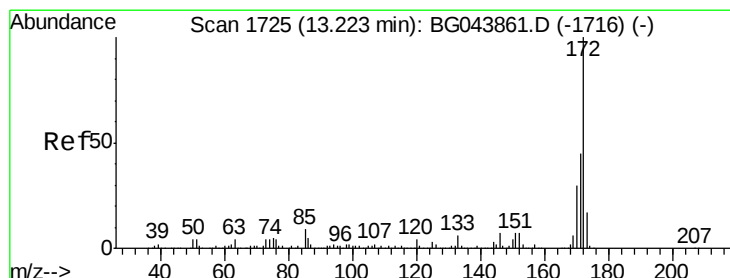
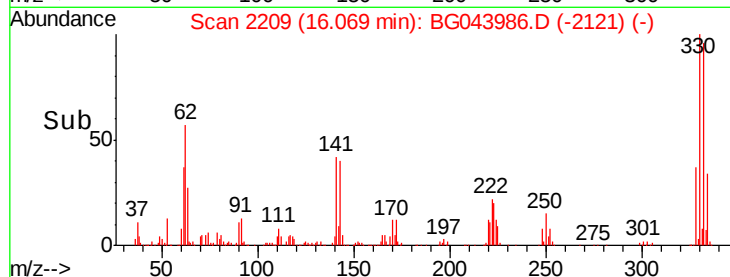
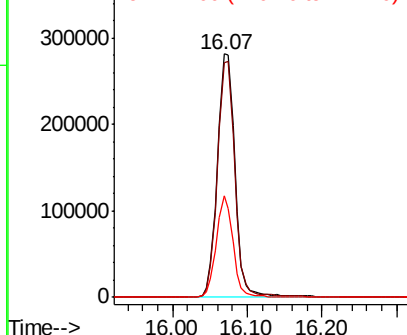
#42
 2,4,6-Tribromophenol
 Concen: 156.597 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.02 min
 Lab File: BG043986.D
 Acq: 9 Jan 2020 4:31

Instrument :
 BNA_G
 ClientSampleId :
 SB-02

Tot Ion:330 Resp: 463482
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.2 115.8
 141 38.9 33.1 49.7

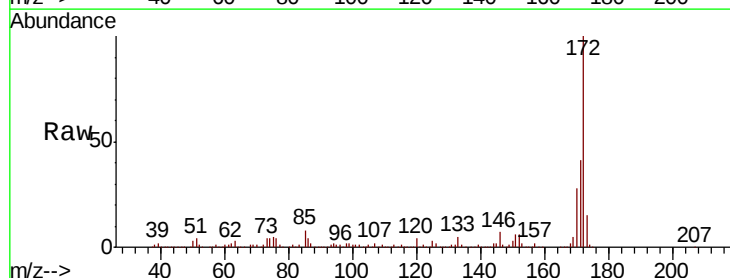


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

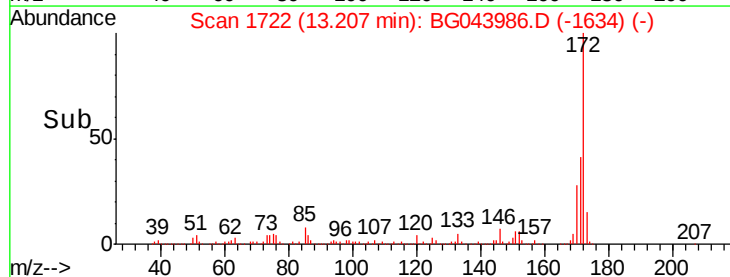
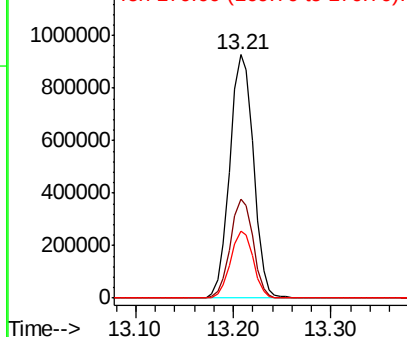


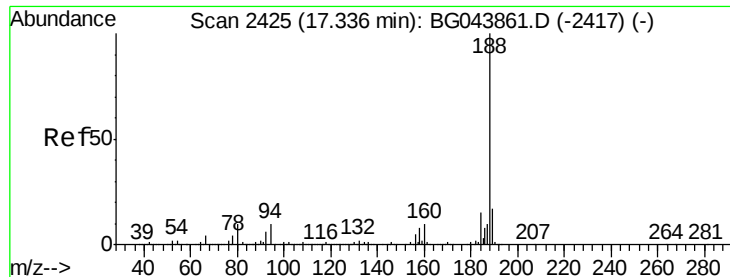
#45
 2-Fluorobiphenyl
 Concen: 100.090 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG043986.D
 Acq: 9 Jan 2020 4:31

Tgt Ion:172 Resp: 1562452
 Ion Ratio Lower Upper
 172 100
 171 40.5 35.8 53.8
 170 27.6 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

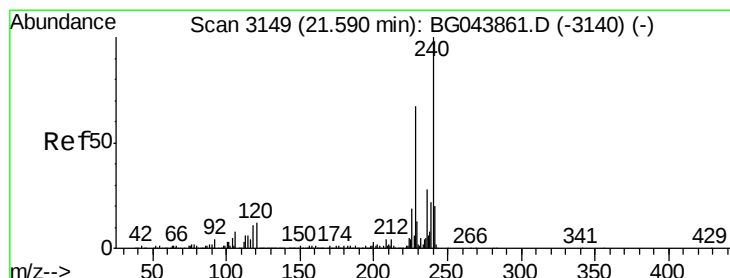
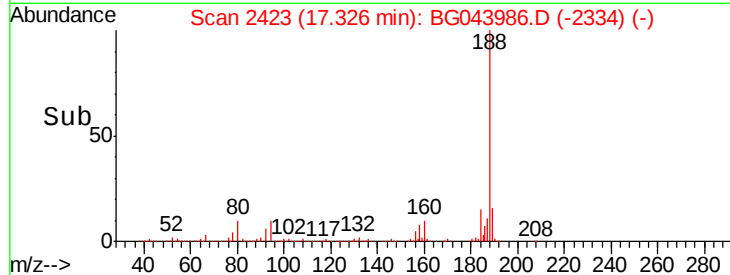
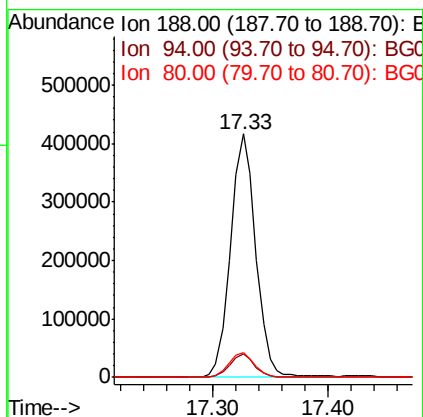
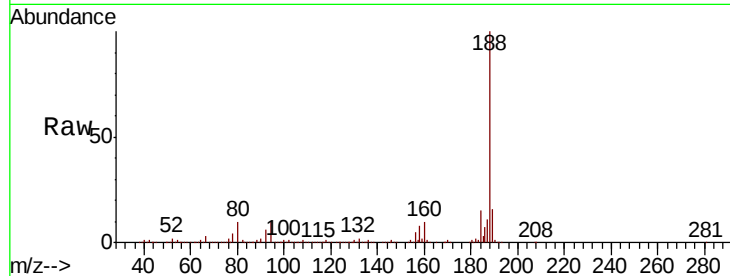




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG043986.D
Acq: 9 Jan 2020 4:31

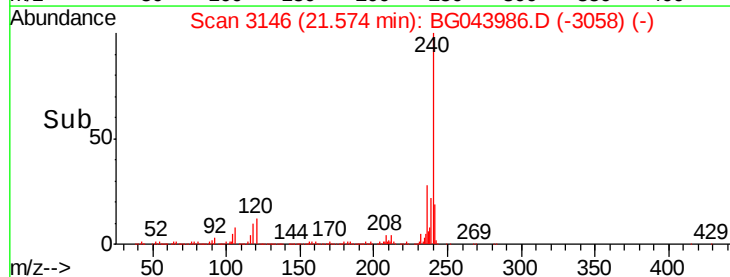
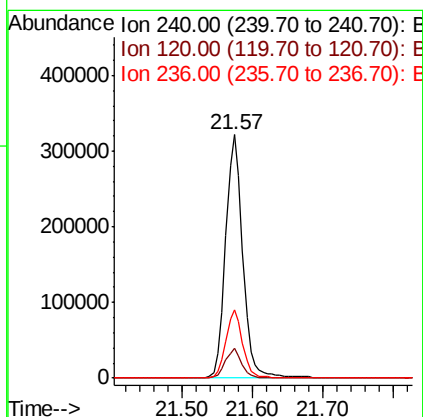
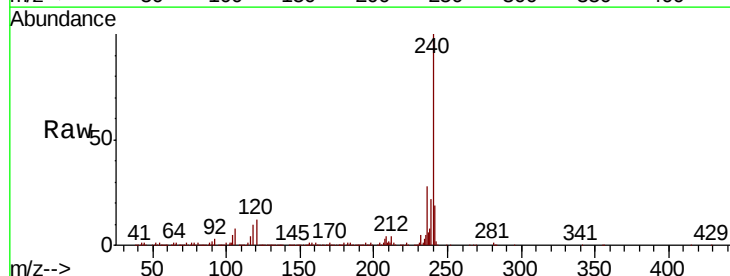
Instrument :
BNA_G
ClientSampled :
SB-02

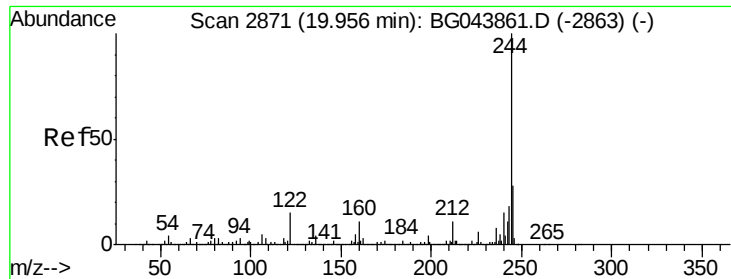
Tot Ion:188 Resp: 631025
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG043986.D
Acq: 9 Jan 2020 4:31

Tgt Ion:240 Resp: 545372
Ion Ratio Lower Upper
240 100
120 12.1 9.6 14.4
236 28.0 22.2 33.2





#79

Terphenyl-d14

Concen: 109.936 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG043986.D

Acq: 9 Jan 2020 4:31

Instrument :

BNA_G

ClientSampleId :

SB-02

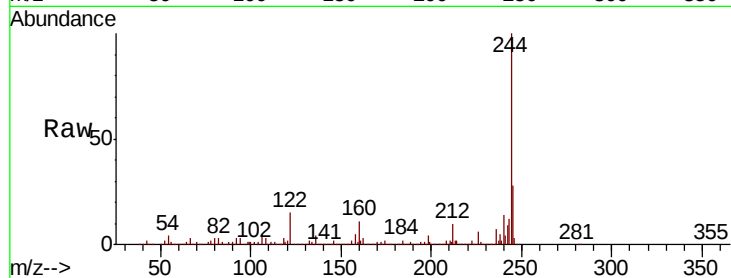
Tot Ion:244 Resp: 2310191

Ion Ratio Lower Upper

244 100

212 10.4 8.6 13.0

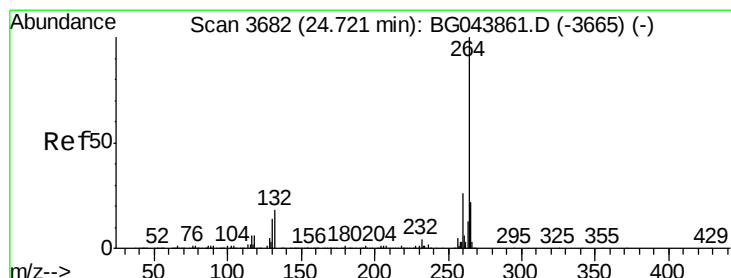
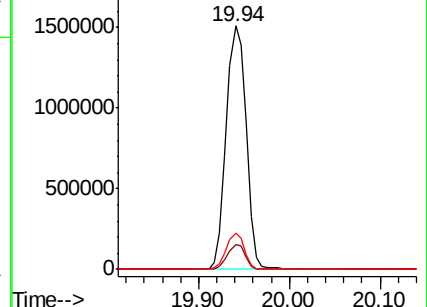
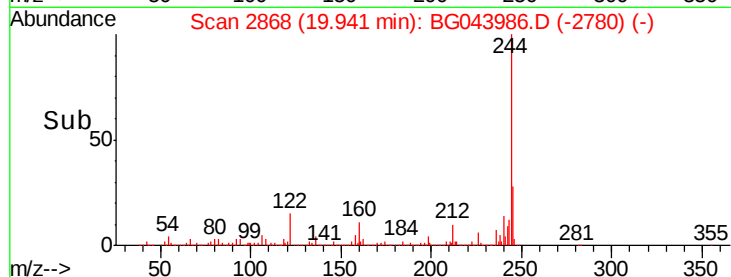
122 14.8 11.9 17.9



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: 24.69 min Scan# 3677

Delta R.T. -0.03 min

Lab File: BG043986.D

Acq: 9 Jan 2020 4:31

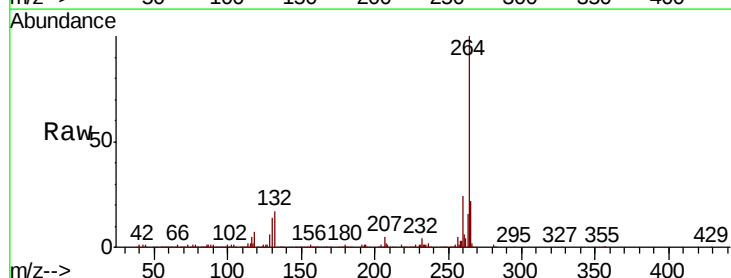
Tgt Ion:264 Resp: 552448

Ion Ratio Lower Upper

264 100

260 23.8 20.4 30.6

265 21.9 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

