

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043980.D
 Acq On : 9 Jan 2020 00:36
 Operator : JU
 Sample : L1017-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620

Quant Time: Jan 09 07:17:25 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	108191	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	438318	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	286546	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	660173	20.00	ng	0.00
76) Chrysene-d12	21.58	240	605064	20.00	ng	-0.01
87) Perylene-d12	24.70	264	671035	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	877124	148.86	ng	0.00
7) Phenol-d6	7.12	99	1178579	143.09	ng	0.00
23) Nitrobenzene-d5	9.11	82	709166	86.55	ng	-0.01
42) 2,4,6-Tribromophenol	16.07	330	455072	151.76	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1498417	94.74	ng	-0.01
79) Terphenyl-d14	19.94	244	2382330	99.02	ng	-0.01

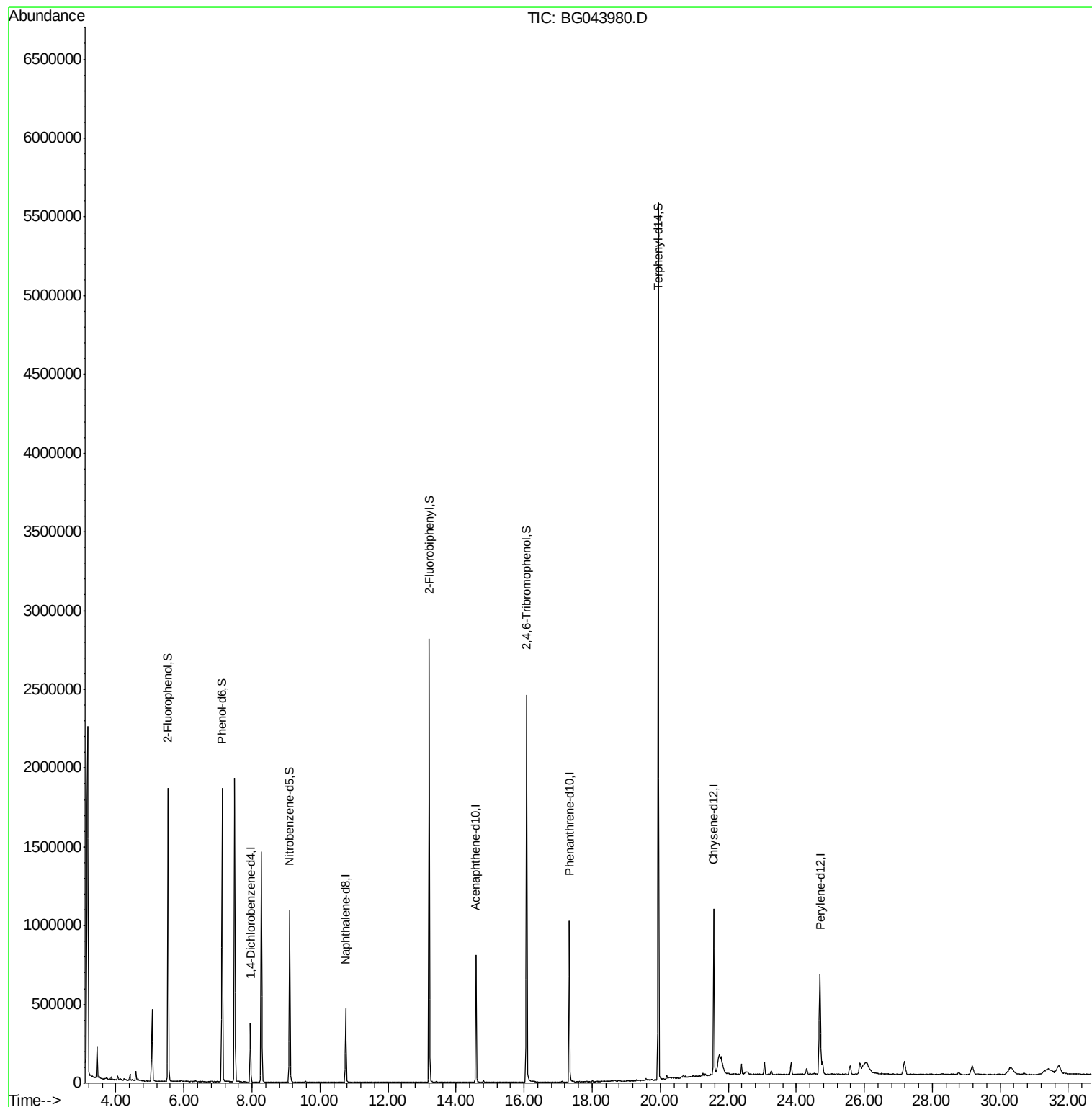
Target Compounds Qvalue

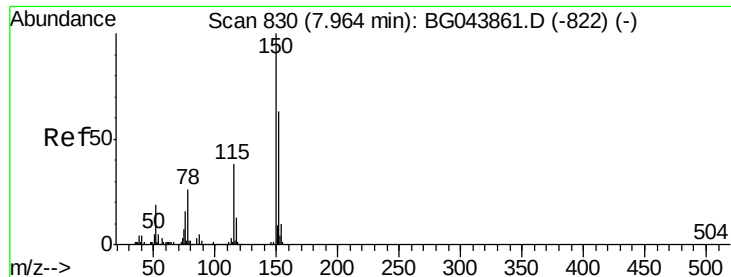
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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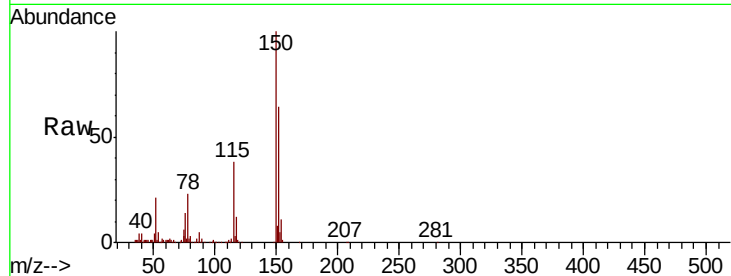


#1

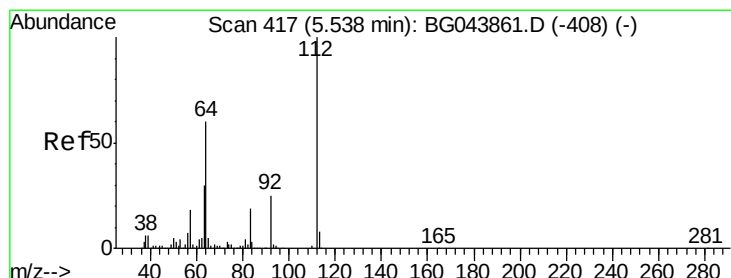
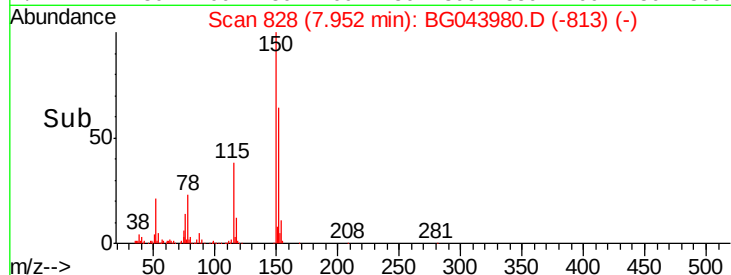
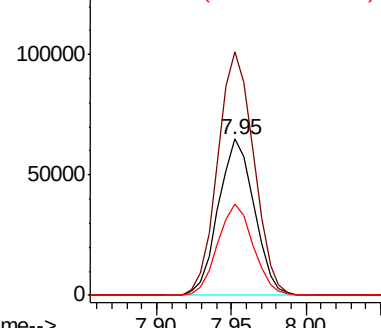
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043980.D
Acq: 9 Jan 2020 00:36

Instrument :
BNA_G
ClientSampleId :
TR-04-010620

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.0	190.4
115	58.6	47.8	71.8



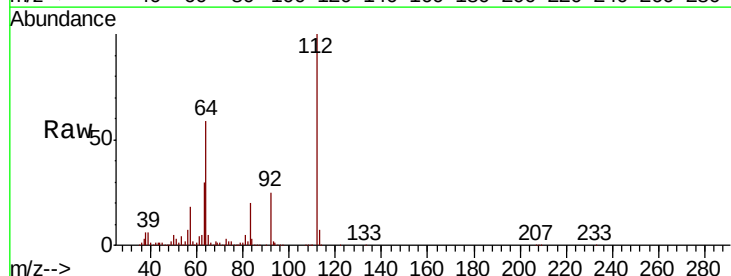
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



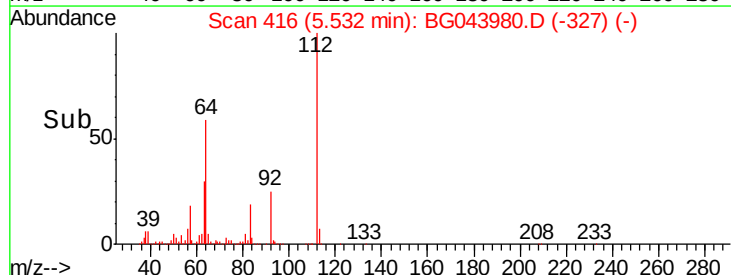
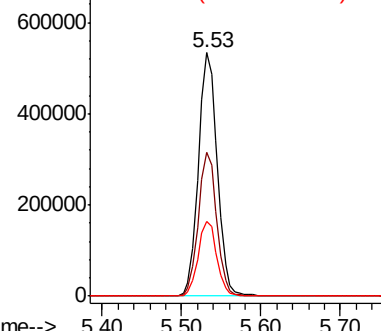
#5

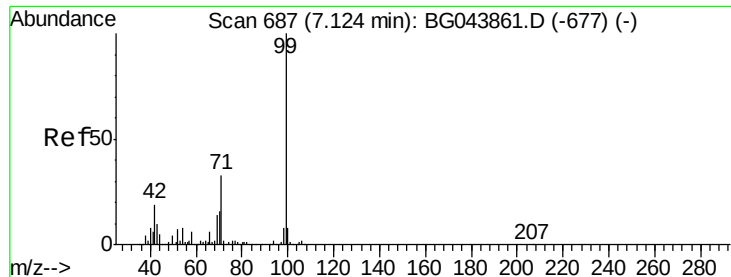
2-Fluorophenol
Concen: 148.858 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG043980.D
Acq: 9 Jan 2020 00:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.8	71.6
63	30.5	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: 143.093 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG043980.D

Acq: 9 Jan 2020 00:36

Instrument :

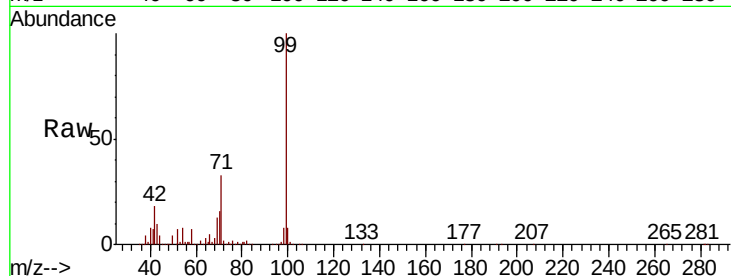
BNA_G

ClientSampleId :

TR-04-010620

Tot Ion: 99 Resp: 1178579

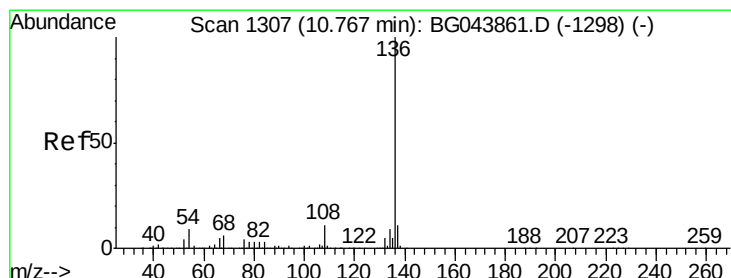
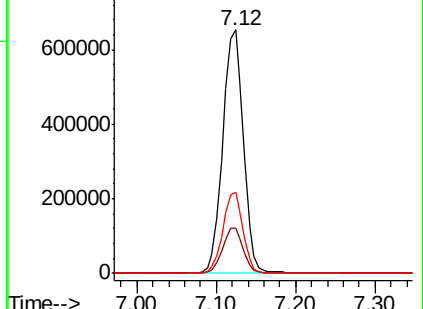
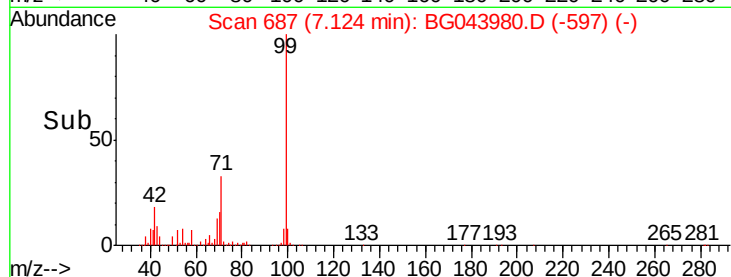
Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.9	22.3
71	33.1	26.4	39.6



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# 1305

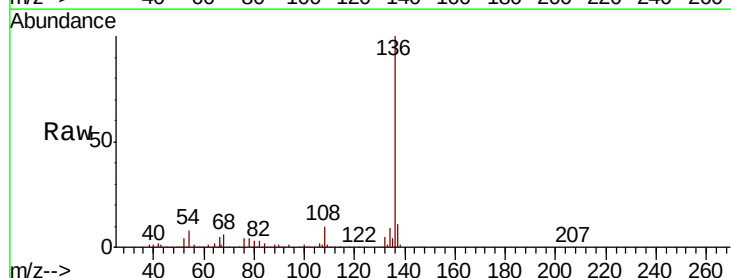
Delta R.T. -0.01 min

Lab File: BG043980.D

Acq: 9 Jan 2020 00:36

Tgt Ion: 136 Resp: 438318

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.0	7.0	10.4
68	6.1	4.9	7.3

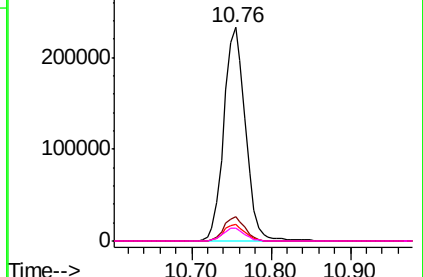
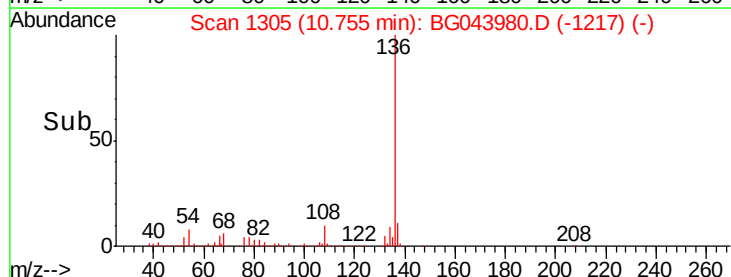


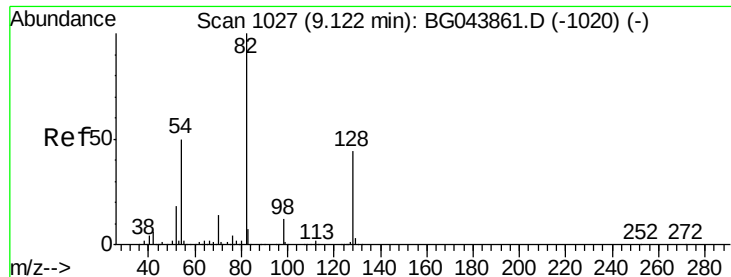
Abundance Ion 136.00 (135.70 to 136.70): E

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

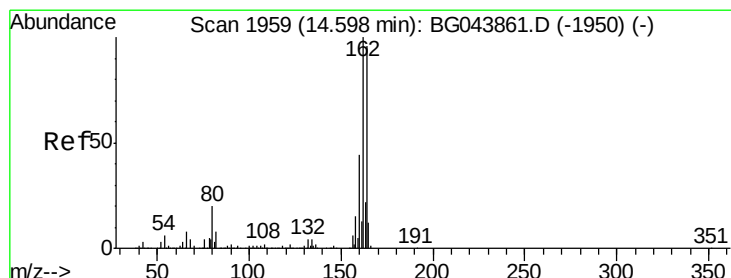
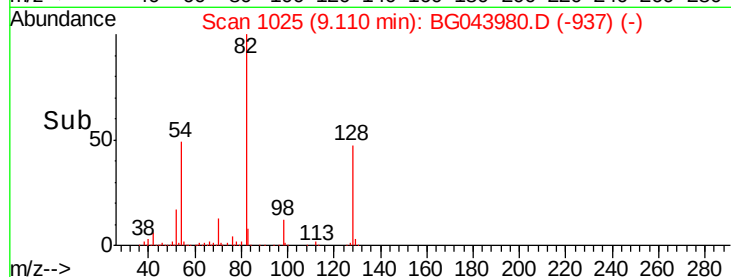
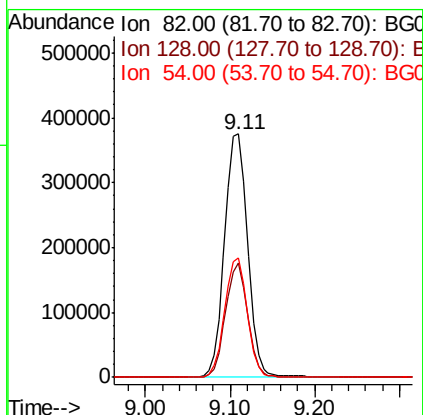
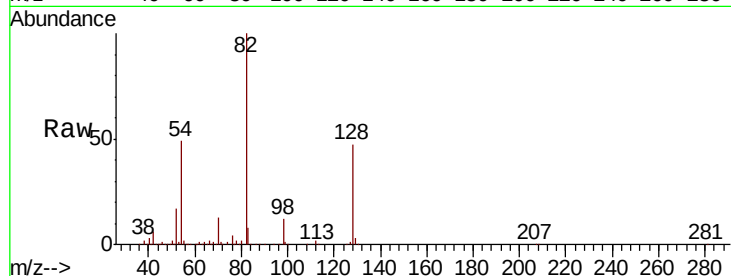




#23
Nitrobenzene-d5
Concen: 86.552 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG043980.D
Acq: 9 Jan 2020 00:36

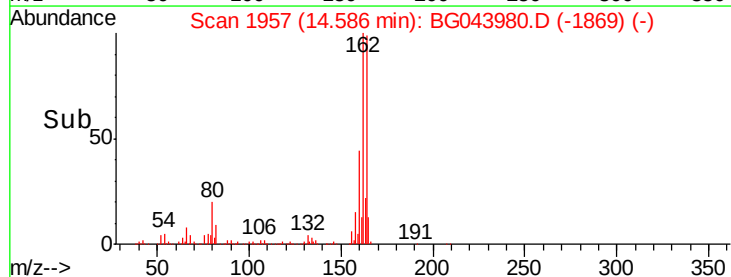
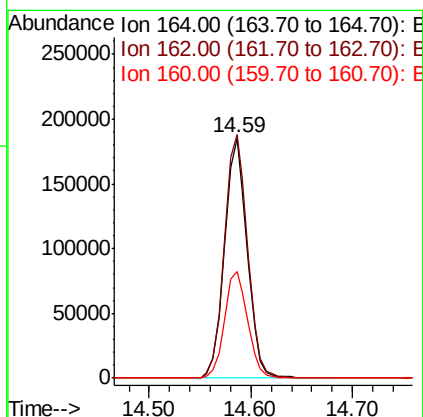
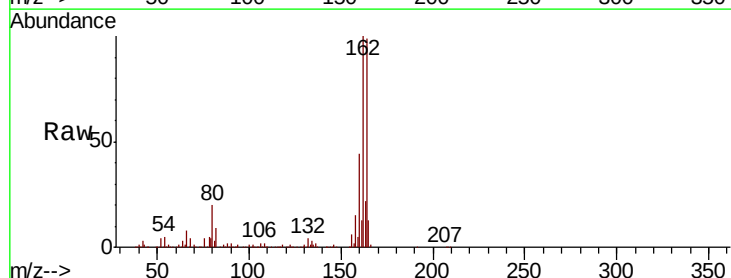
Instrument :
BNA_G
ClientSampleId :
TR-04-010620

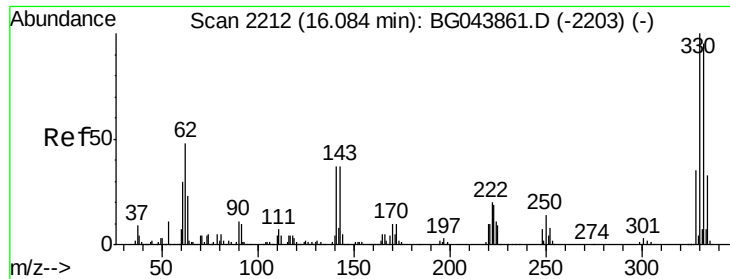
Tot Ion	82	Resp	709166
Ion Ratio	Lower	Upper	
82	100		
128	46.9	35.1	52.7
54	49.1	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG043980.D
Acq: 9 Jan 2020 00:36

Tgt Ion	164	Resp	286546
Ion Ratio	Lower	Upper	
164	100		
162	101.3	83.0	124.4
160	44.5	36.1	54.1

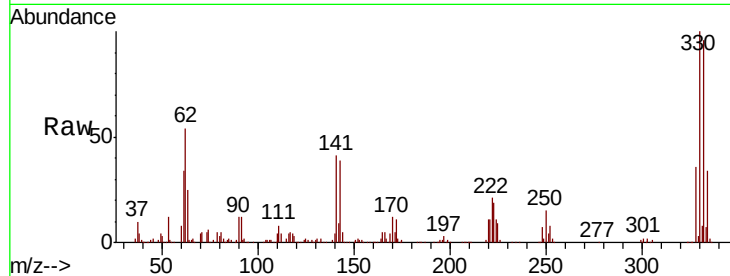




#42
 2,4,6-Tribromophenol
 Concen: 151.759 ng
 RT: 16.07 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: BG043980.D
 Acq: 9 Jan 2020 00:36

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.2	115.8
141	39.8	33.1	49.7

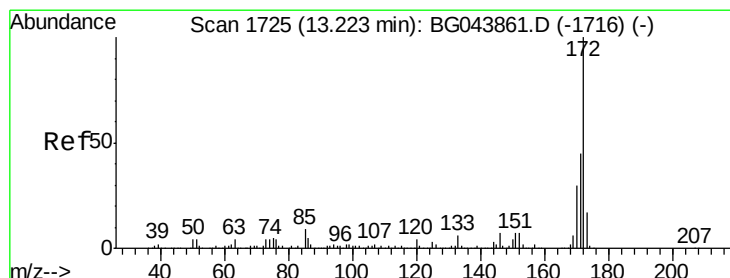
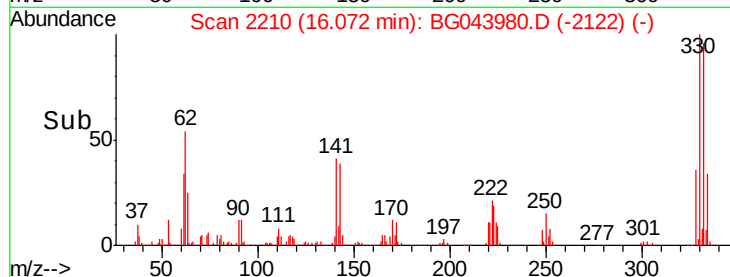
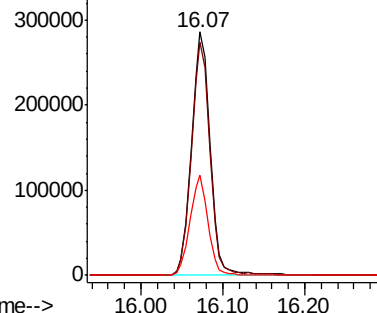


Abundance

Ion 329.80 (329.50 to 330.50): E

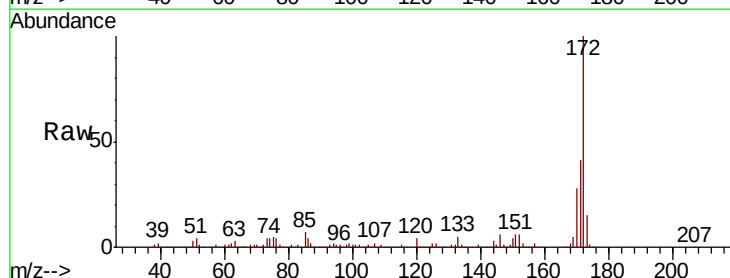
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.742 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG043980.D
 Acq: 9 Jan 2020 00:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.5	35.8	53.8
170	27.6	24.2	36.4

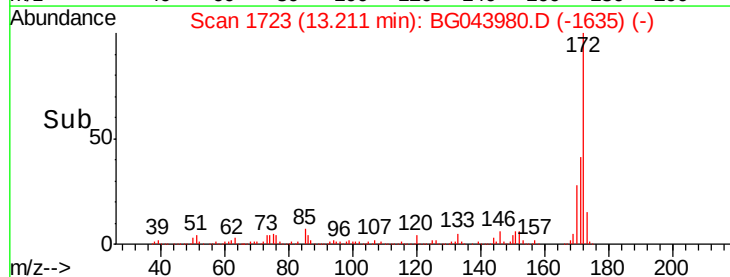
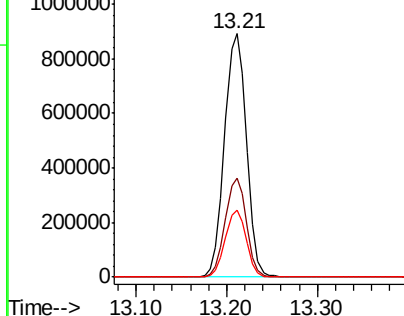


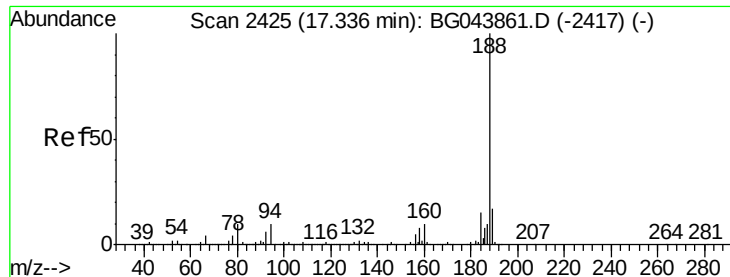
Abundance

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

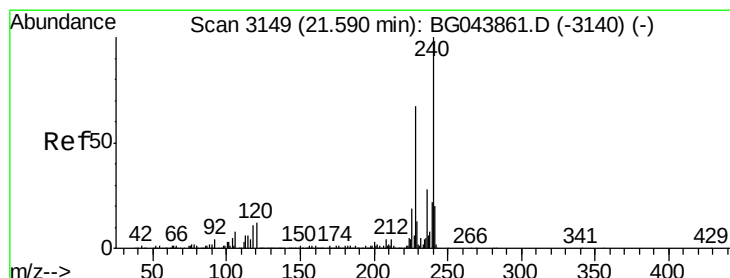
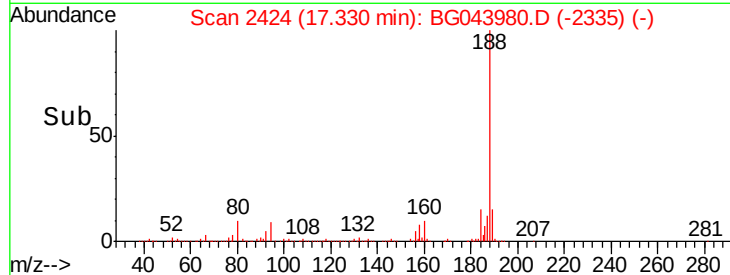
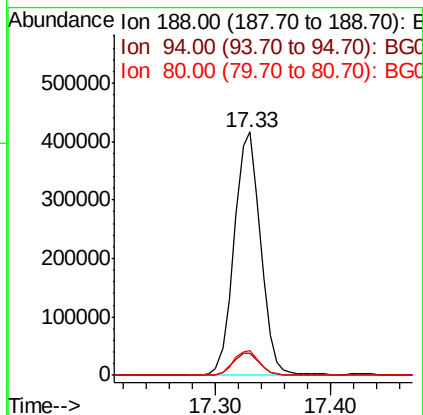
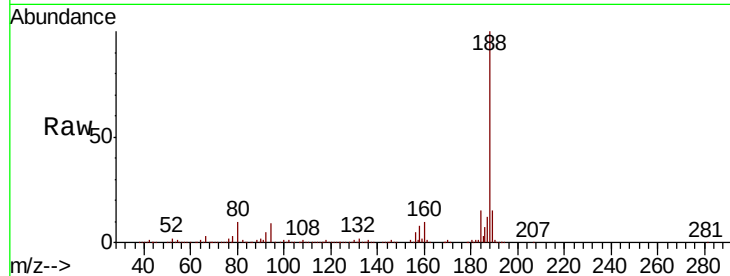




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.33 min Scan# 2424
 Delta R.T. -0.01 min
 Lab File: BG043980.D
 Acq: 9 Jan 2020 00:36

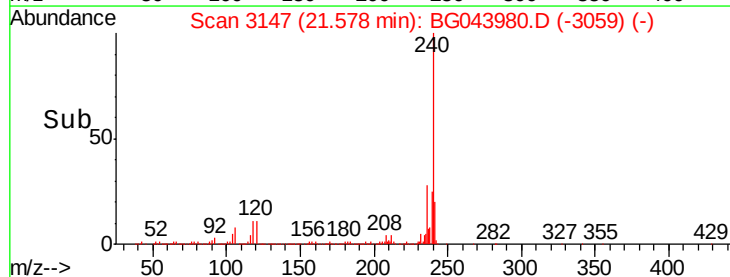
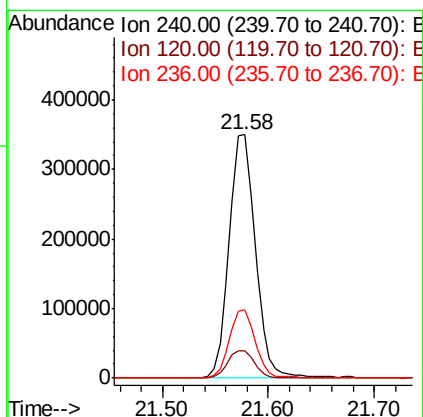
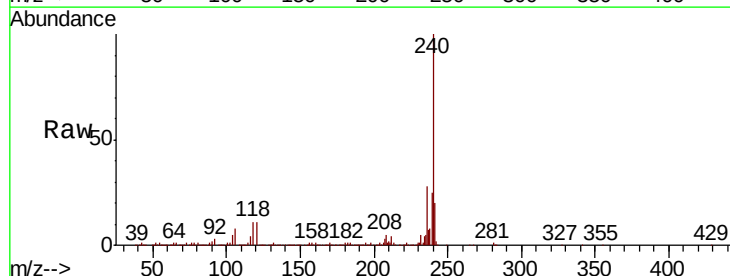
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620

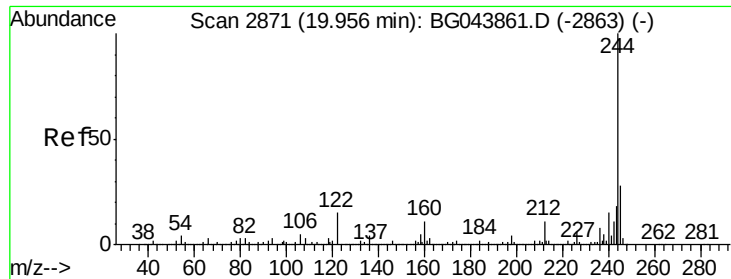
Tot Ion:188 Resp: 660173
 Ion Ratio Lower Upper
 188 100
 94 9.2 7.9 11.9
 80 10.2 8.2 12.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG043980.D
 Acq: 9 Jan 2020 00:36

Tgt Ion:240 Resp: 605064
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.6 14.4
 236 28.1 22.2 33.2





#79

Terphenyl-d14

Concen: 99.023 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043980.D

Acq: 9 Jan 2020 00:36

Instrument :

BNA_G

ClientSampleId :

TR-04-010620

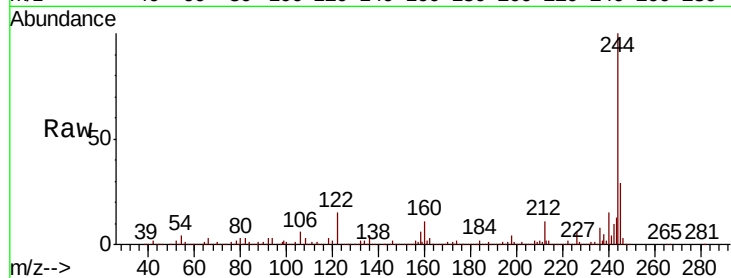
Tot Ion:244 Resp: 2382330

Ion	Ratio	Lower	Upper
244	100		
212	11.3	8.6	13.0
122	15.4	11.9	17.9

244 100

212 11.3 8.6 13.0

122 15.4 11.9 17.9

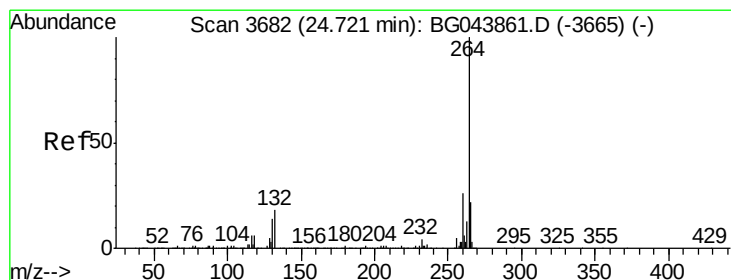
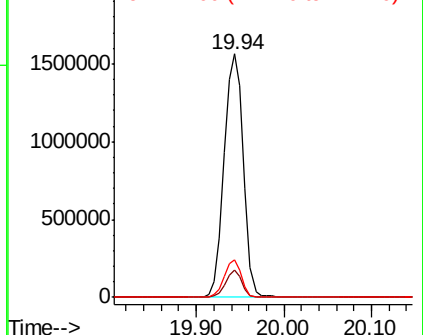
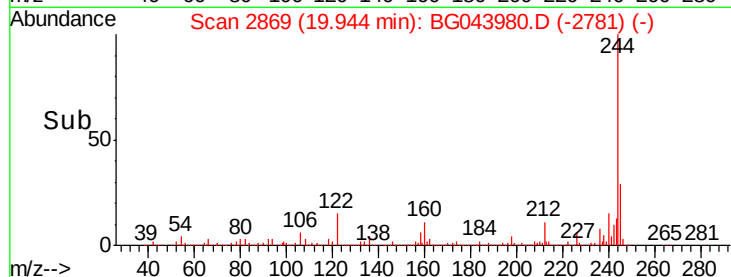


Abundance

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: 24.70 min Scan# 3678

Delta R.T. -0.02 min

Lab File: BG043980.D

Acq: 9 Jan 2020 00:36

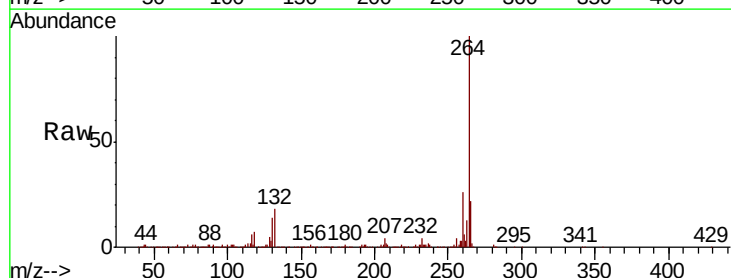
Tgt Ion:264 Resp: 671035

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.4	30.6
265	21.6	17.4	26.2

264 100

260 25.9 20.4 30.6

265 21.6 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

