

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
 Data File : BG044992.D
 Acq On : 15 Apr 2020 21:36
 Operator : CG/JU
 Sample : L2123-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420

Quant Time: Apr 16 05:19:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	62081	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	254706	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	190176	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	503965	20.00	ng	0.00
76) Chrysene-d12	21.66	240	554891	20.00	ng	0.00
87) Perylene-d12	24.85	264	580479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	513371	136.52	ng	0.00
7) Phenol-d6	7.18	99	664248	118.89	ng	0.00
23) Nitrobenzene-d5	9.18	82	564798	101.18	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	460905	156.88	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1329719	102.53	ng	0.00
79) Terphenyl-d14	20.01	244	2630234	103.31	ng	0.00

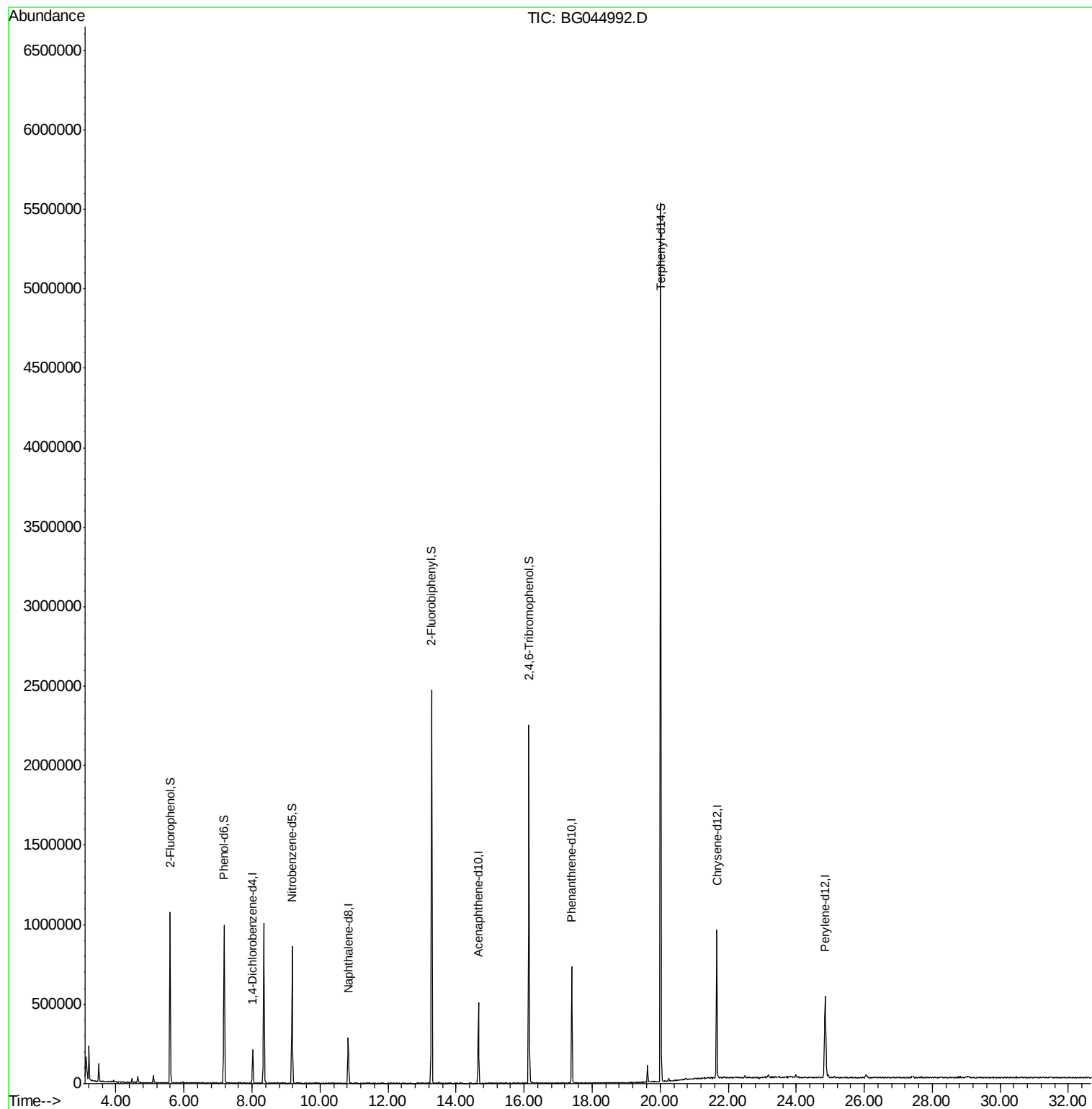
Target Compounds Qvalue

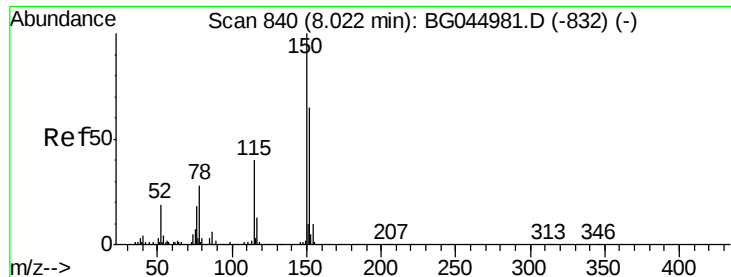
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. 0.00 min

Lab File: BG044992.D

Acq: 15 Apr 2020 21:36

Instrument :

BNA_G

ClientSampleId :

TR-04-041420

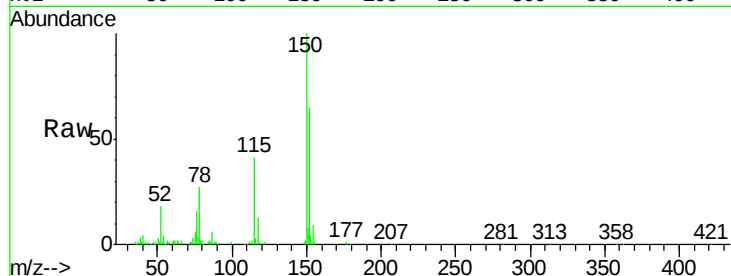
Tot Ion:152 Resp: 62081

Ion Ratio Lower Upper

152 100

150 154.3 123.6 185.4

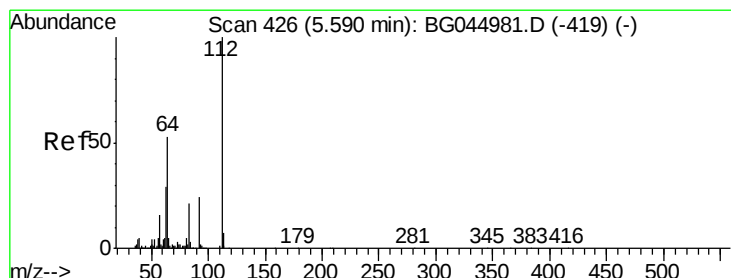
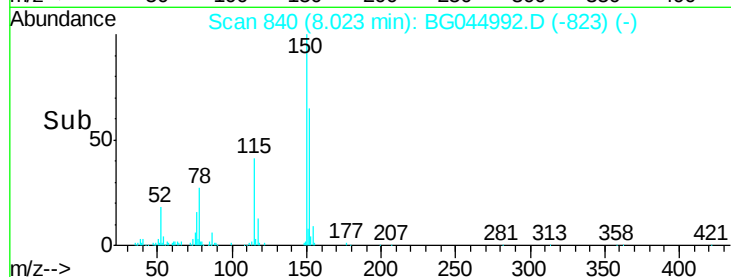
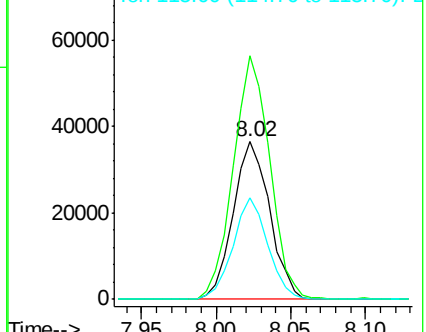
115 64.0 49.1 73.7



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: 136.523 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG044992.D

Acq: 15 Apr 2020 21:36

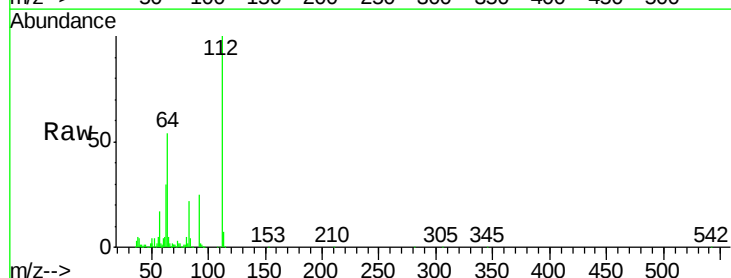
Tgt Ion:112 Resp: 513371

Ion Ratio Lower Upper

112 100

64 54.4 42.4 63.6

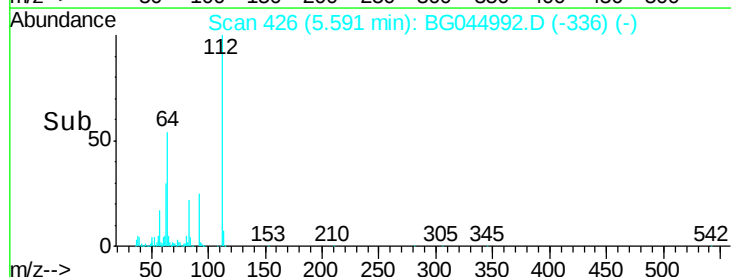
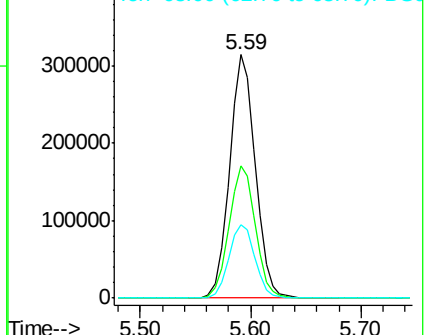
63 30.4 23.1 34.7

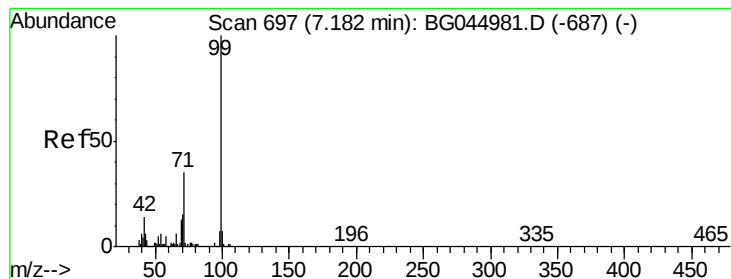


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.894 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG044992.D

Acq: 15 Apr 2020 21:36

Instrument :

BNA_G

ClientSampleId :

TR-04-041420

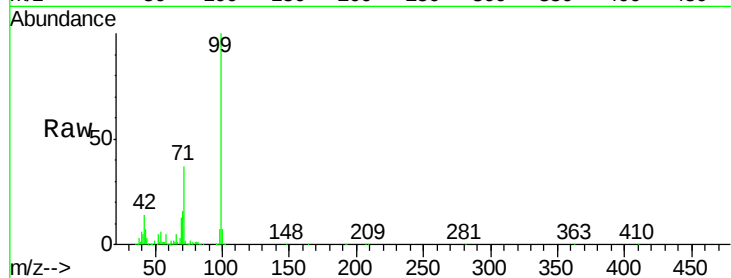
Tot Ion: 99 Resp: 664248

Ion Ratio Lower Upper

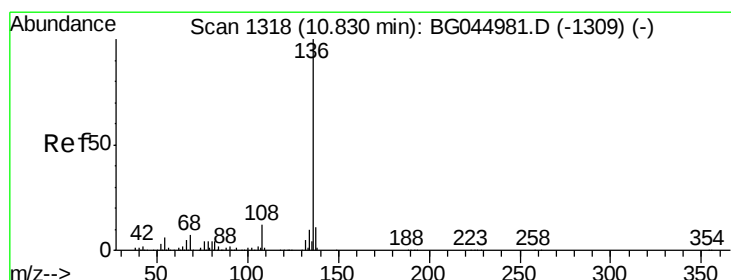
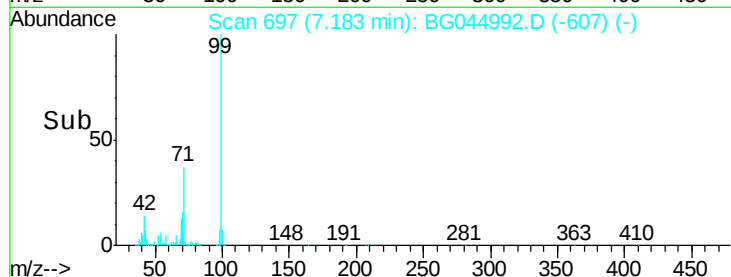
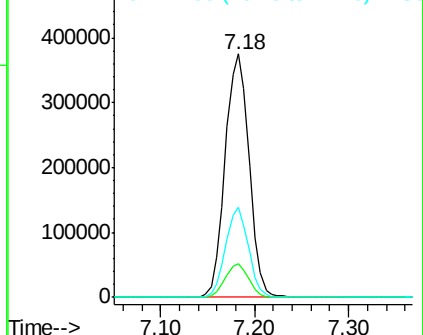
99 100

42 13.8 11.3 16.9

71 36.8 28.3 42.5



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG044992.D

Acq: 15 Apr 2020 21:36

Tgt Ion: 136 Resp: 254706

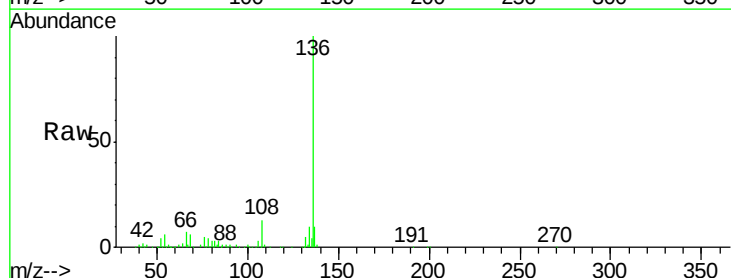
Ion Ratio Lower Upper

136 100

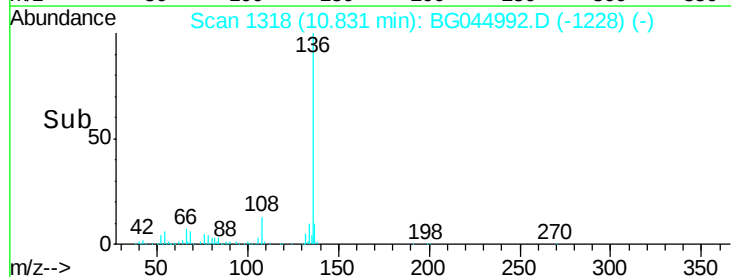
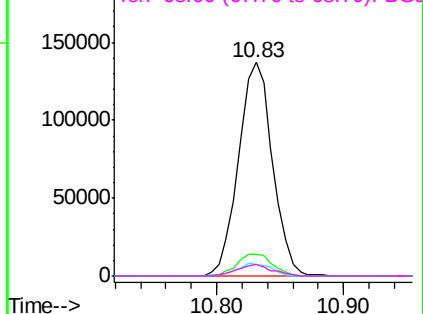
137 10.4 8.6 13.0

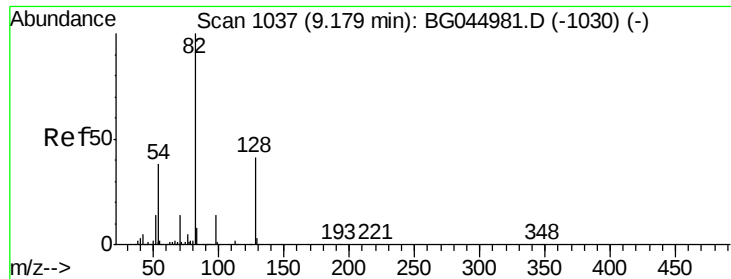
54 5.5 4.8 7.2

68 5.7 5.2 7.8



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

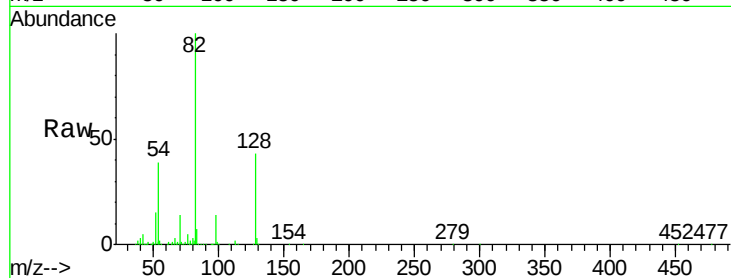




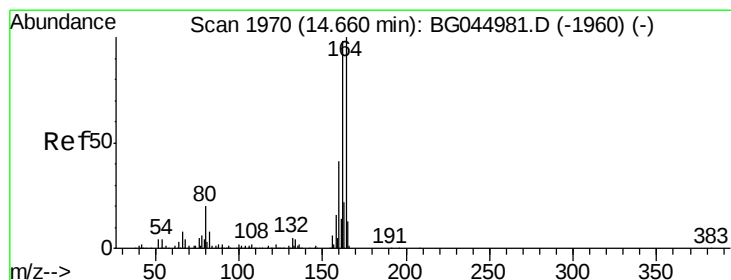
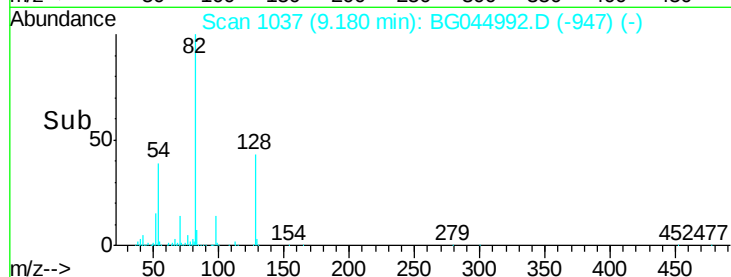
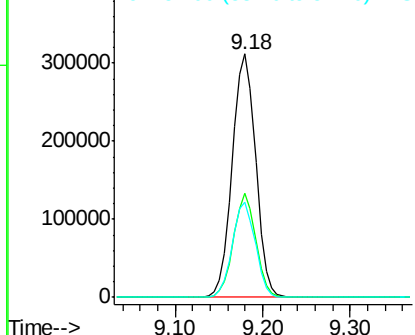
#23
 Nitrobenzene-d5
 Concen: 101.180 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG044992.D
 Acq: 15 Apr 2020 21:36

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420

Tot Ion	Ion	Ratio	Lower	Upper
82	100			
128	42.6	33.0	49.4	
54	39.2	30.4	45.6	

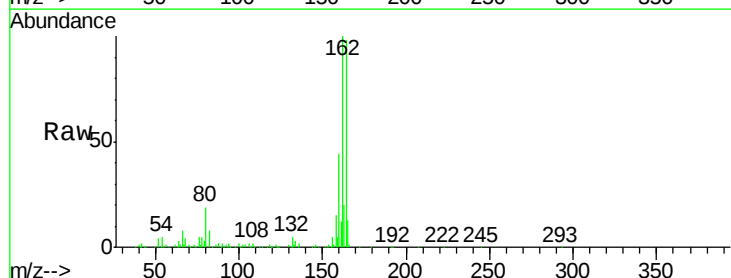


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

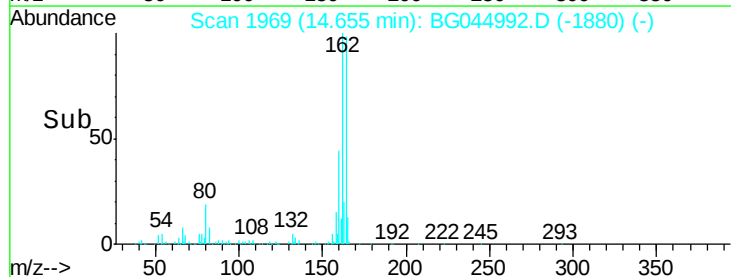
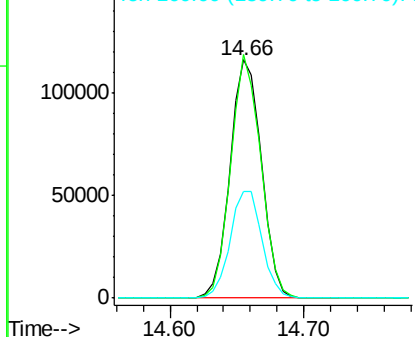


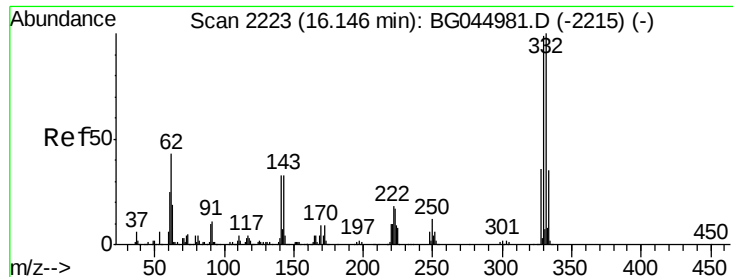
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG044992.D
 Acq: 15 Apr 2020 21:36

Tgt Ion	Ion	Ratio	Lower	Upper
164	100			
162	102.3	78.7	118.1	
160	44.7	32.8	49.2	



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

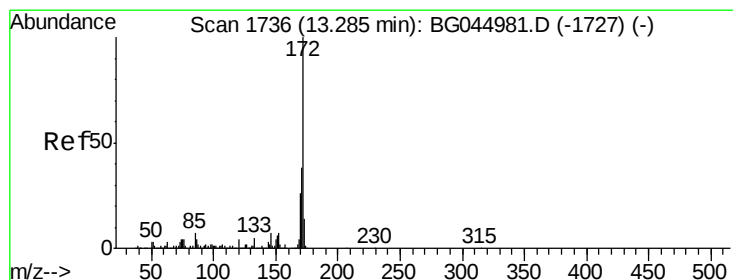
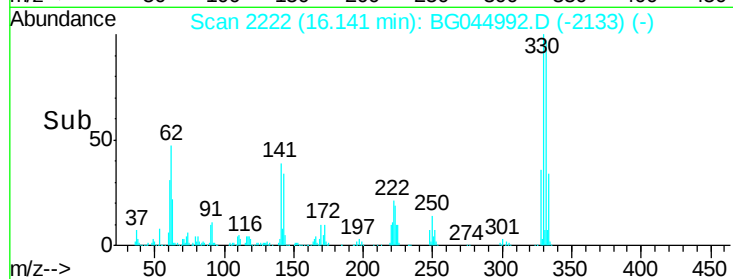
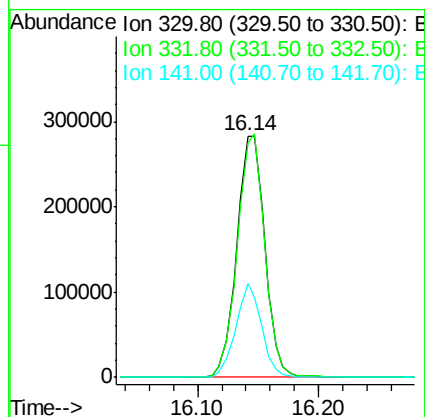
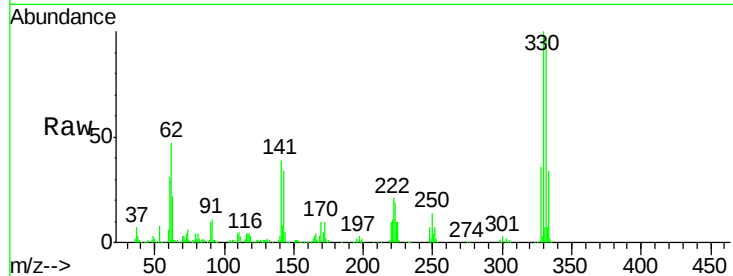




#42
 2,4,6-Tribromophenol
 Concen: 156.879 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG044992.D
 Acq: 15 Apr 2020 21:36

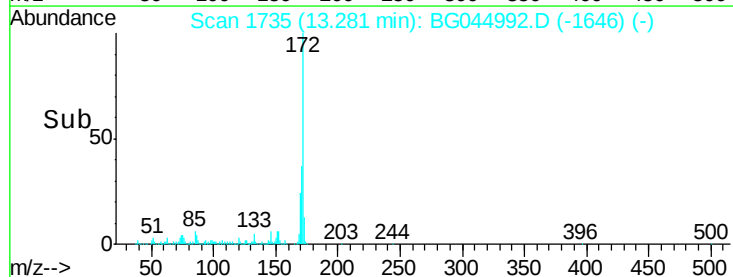
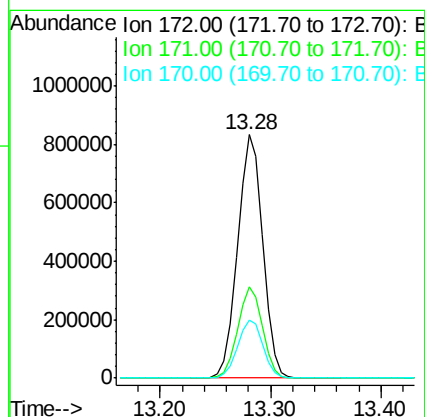
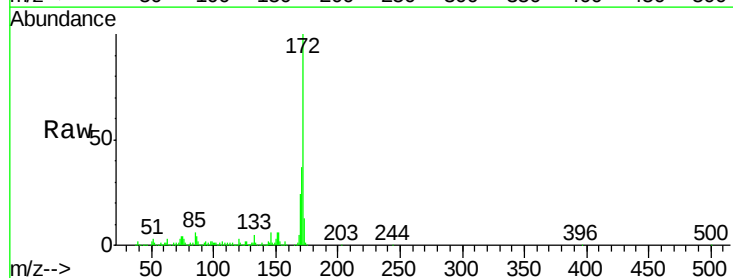
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420

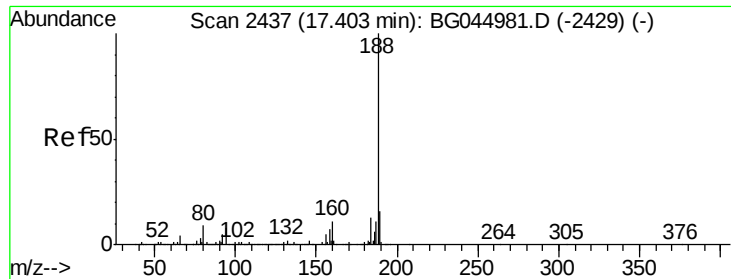
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	79.1	118.7
141	35.4	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 102.526 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG044992.D
 Acq: 15 Apr 2020 21:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	46.0
170	23.7	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG044992.D

Acq: 15 Apr 2020 21:36

Instrument :

BNA_G

ClientSampleId :

TR-04-041420

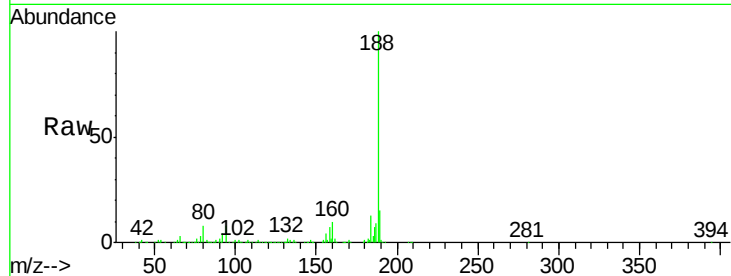
Tot Ion:188 Resp: 503965

Ion Ratio Lower Upper

188 100

94 7.7 6.2 9.4

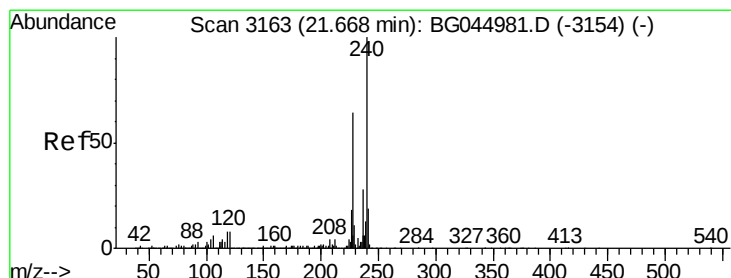
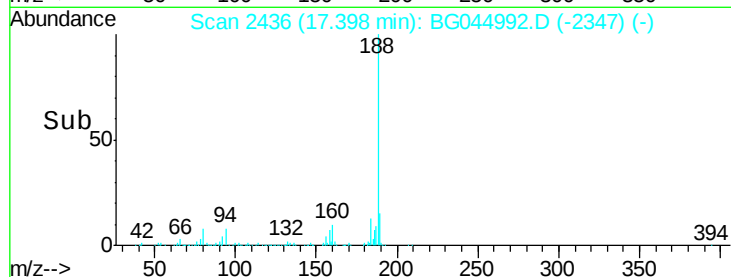
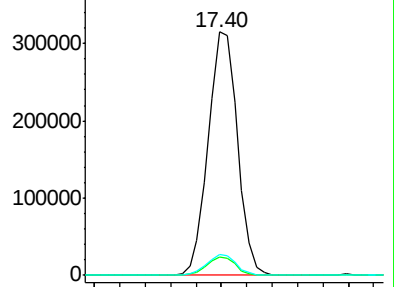
80 8.4 7.0 10.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG044992.D

Acq: 15 Apr 2020 21:36

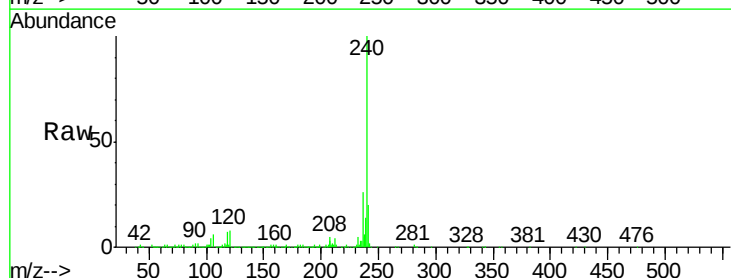
Tgt Ion:240 Resp: 554891

Ion Ratio Lower Upper

240 100

120 7.7 6.6 10.0

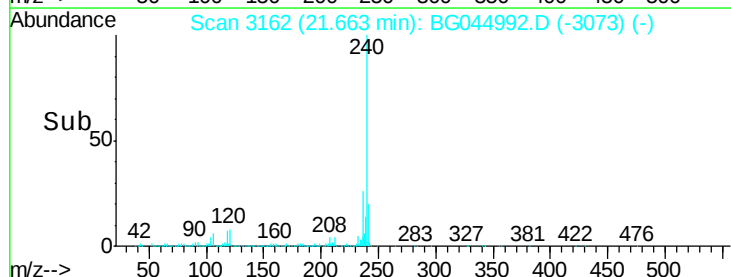
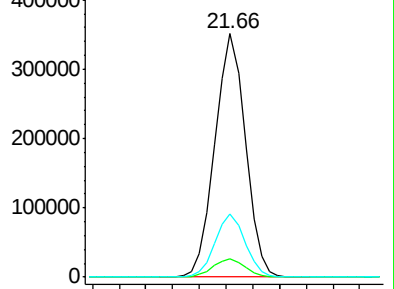
236 26.0 22.2 33.2

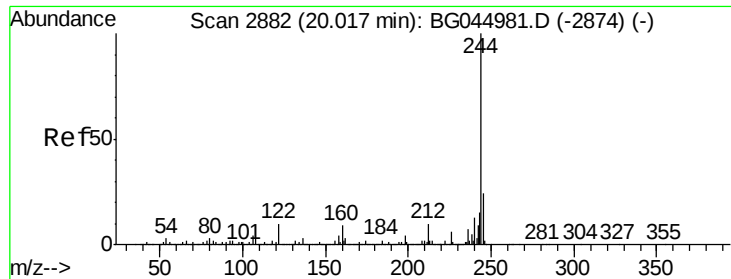


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 103.313 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG044992.D

Acq: 15 Apr 2020 21:36

Instrument :

BNA_G

ClientSampleId :

TR-04-041420

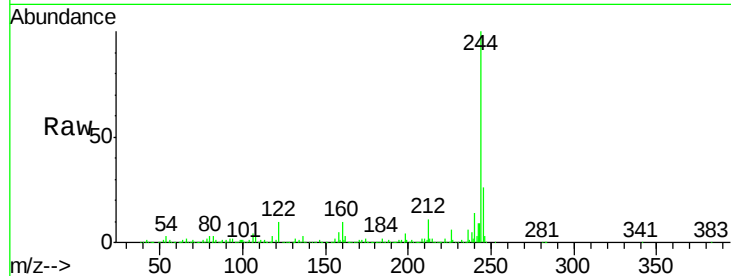
Tot Ion:244 Resp: 2630234

Ion Ratio Lower Upper

244 100

212 10.7 7.9 11.9

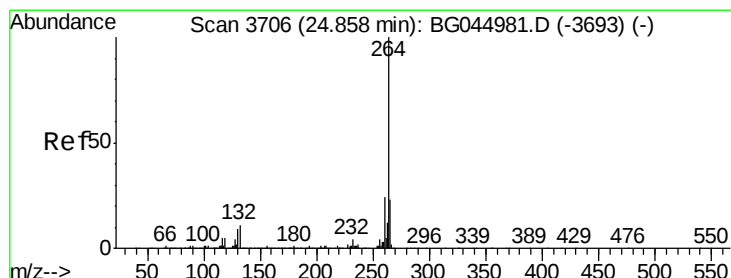
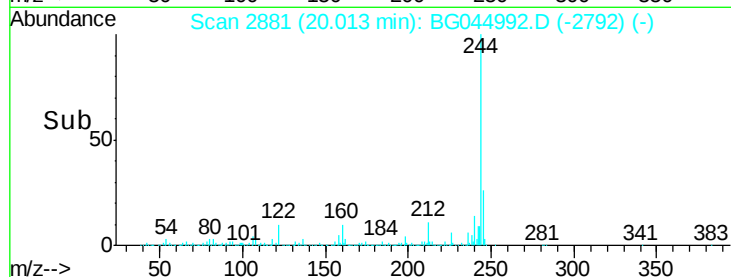
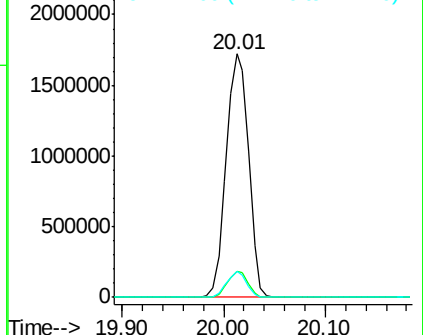
122 10.5 7.7 11.5



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: 24.85 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG044992.D

Acq: 15 Apr 2020 21:36

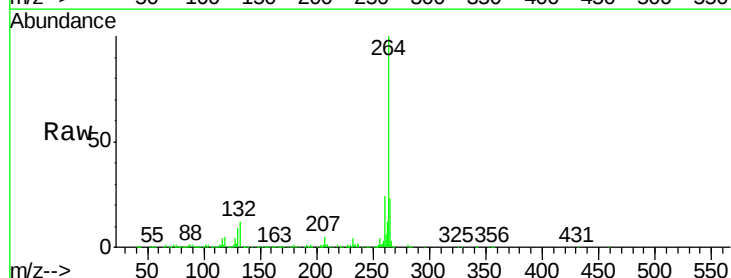
Tgt Ion:264 Resp: 580479

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.7 19.0 28.4



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

