

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043971.D
 Acq On : 8 Jan 2020 17:25
 Operator : JU
 Sample : PB125946BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125946BL

Quant Time: Jan 09 06:45:55 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	108740	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	426171	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	270311	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	610092	20.00	ng	0.00
76) Chrysene-d12	21.58	240	566805	20.00	ng	-0.01
87) Perylene-d12	24.70	264	625230	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	675436	114.05	ng	0.00
7) Phenol-d6	7.12	99	943448	113.97	ng	0.00
23) Nitrobenzene-d5	9.11	82	545862	68.52	ng	-0.01
42) 2,4,6-Tribromophenol	16.07	330	428744	151.57	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1246039	83.52	ng	-0.01
79) Terphenyl-d14	19.94	244	2244448	99.82	ng	-0.01

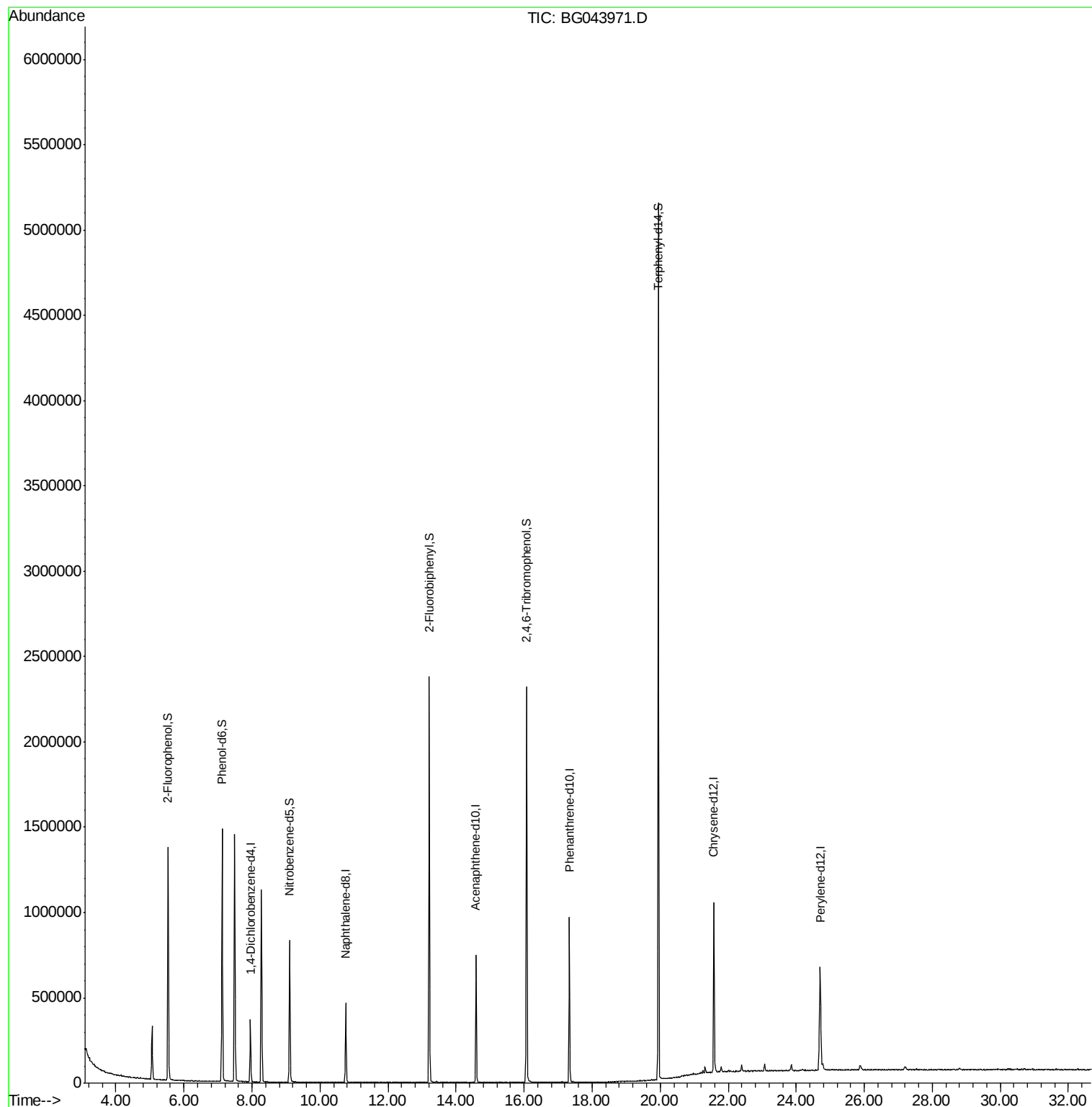
Target Compounds Qvalue

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

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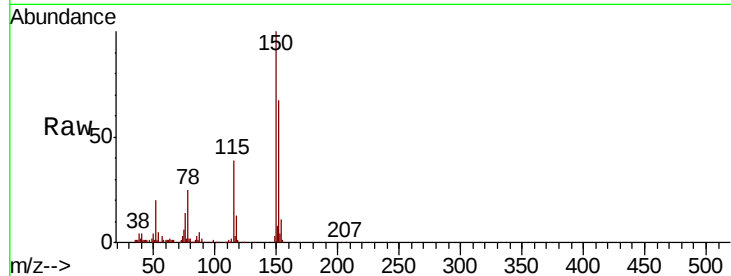


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043971.D
Acq: 8 Jan 2020 17:25

Instrument :
BNA_G
ClientSampleId :
PB125946BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	127.0	190.4
115	58.1	47.8	71.8

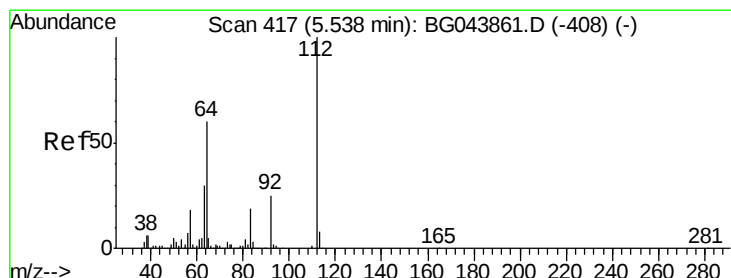
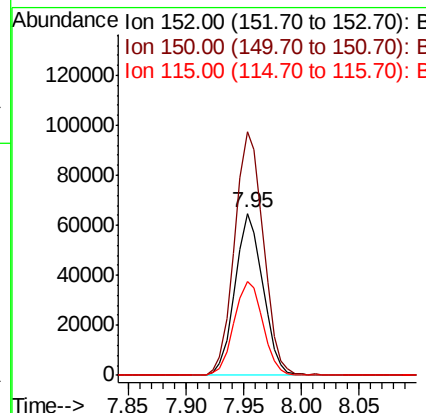
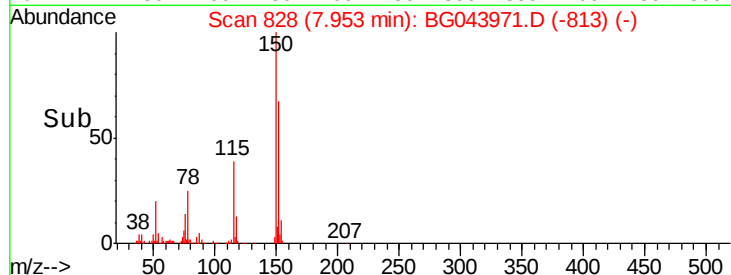


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

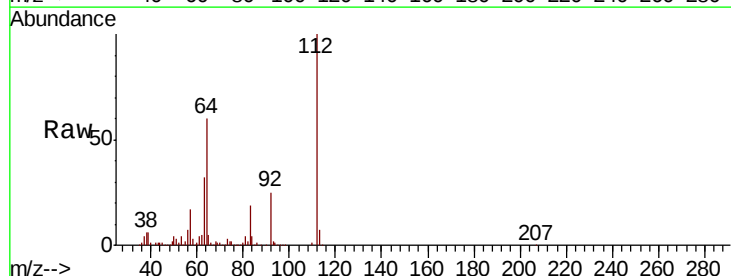
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.050 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG043971.D
Acq: 8 Jan 2020 17:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.8	71.6
63	31.8	24.3	36.5

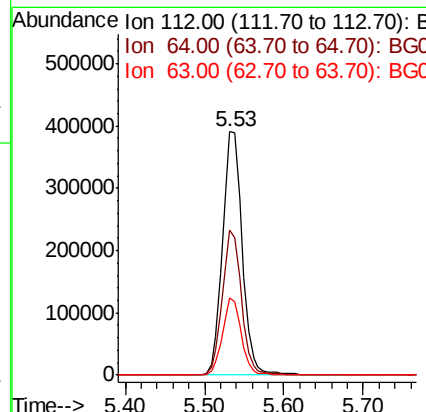
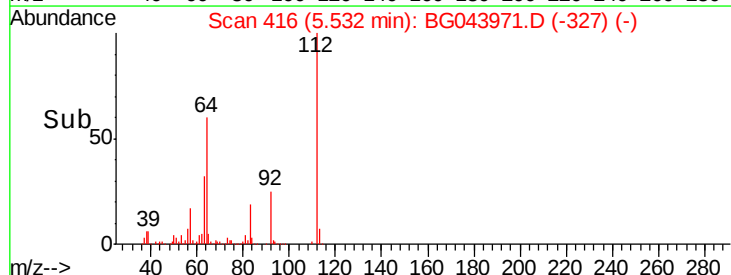


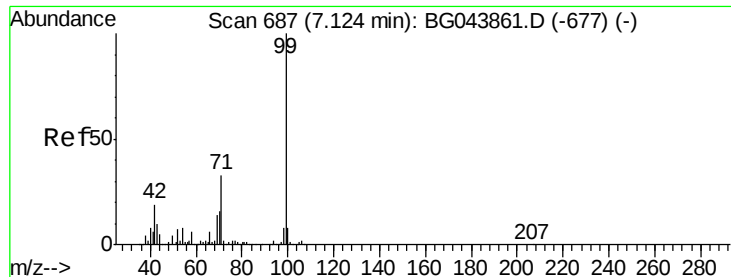
Abundance

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: 113.967 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043971.D

Acq: 8 Jan 2020 17:25

Instrument :

BNA_G

ClientSampleId :

PB125946BL

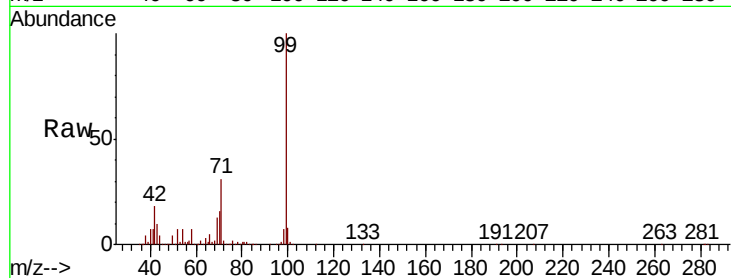
Tot Ion: 99 Resp: 943448

Ion Ratio Lower Upper

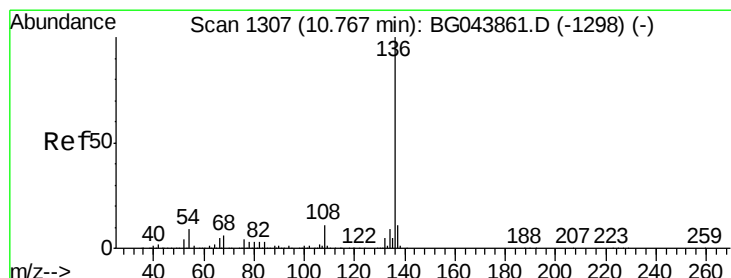
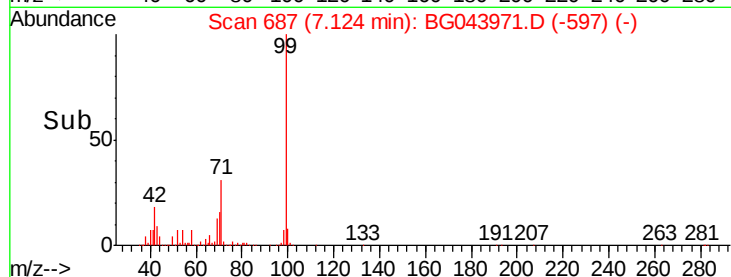
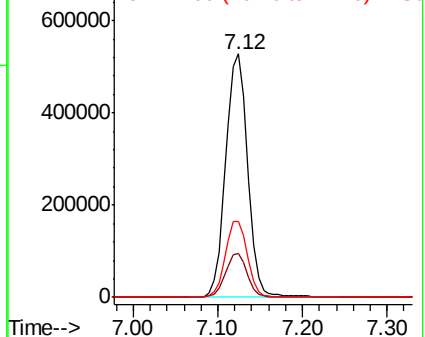
99 100

42 17.9 14.9 22.3

71 31.4 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: BG043971.D

Acq: 8 Jan 2020 17:25

Tgt Ion: 136 Resp: 426171

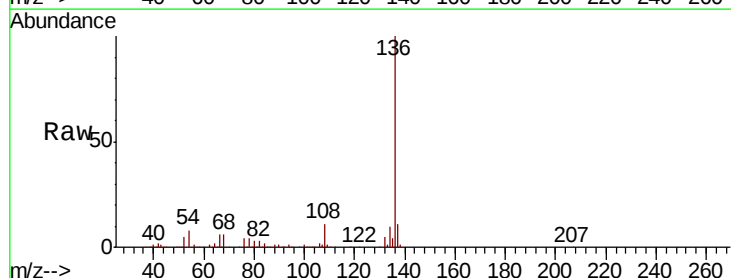
Ion Ratio Lower Upper

136 100

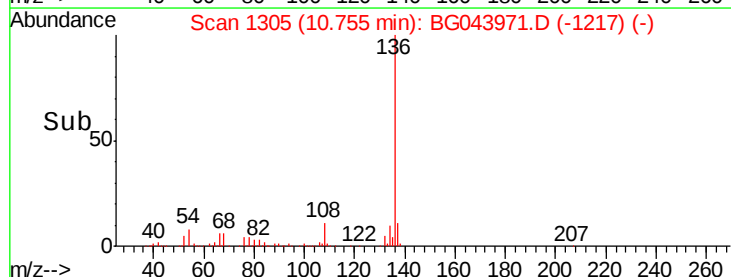
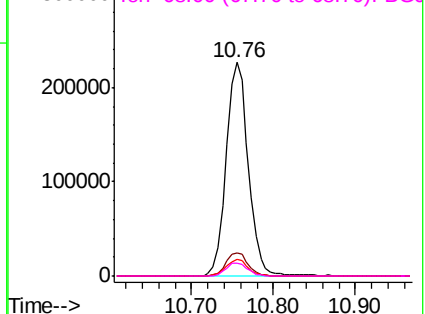
137 11.0 8.8 13.2

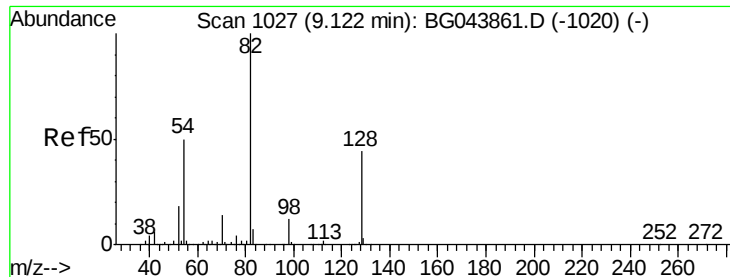
54 8.0 7.0 10.4

68 6.2 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

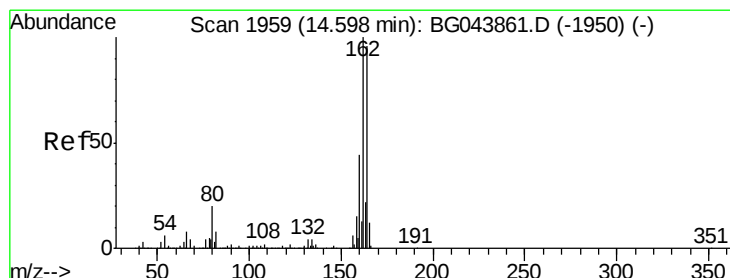
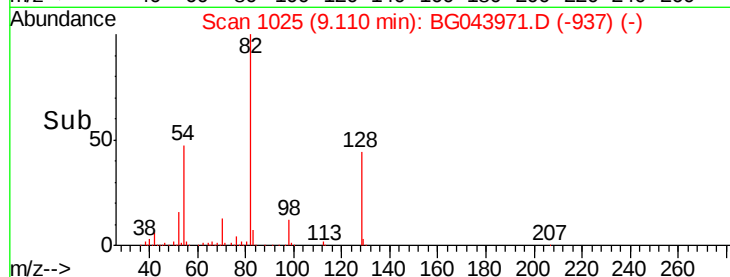
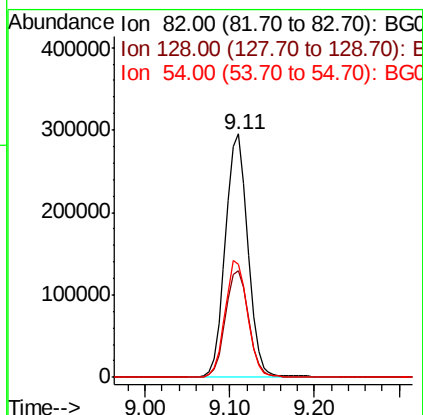
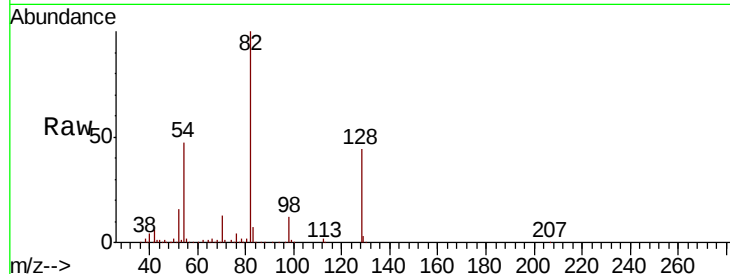




#23
 Nitrobenzene-d5
 Concen: 68.520 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG043971.D
 Acq: 8 Jan 2020 17:25

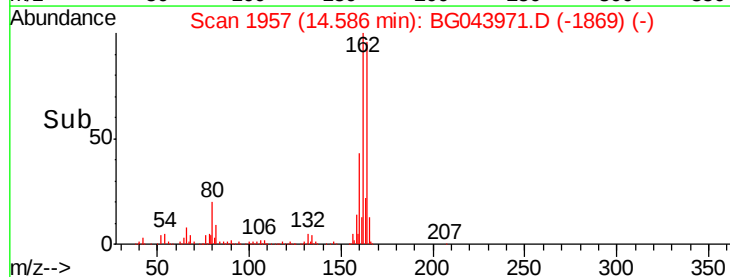
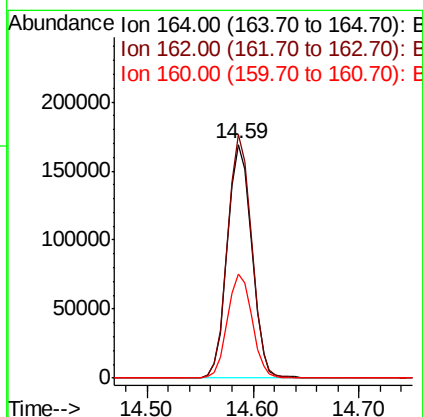
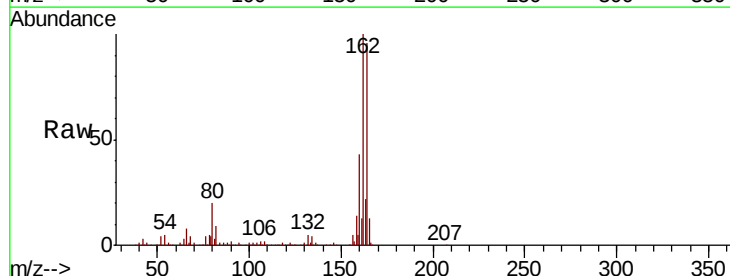
Instrument :
 BNA_G
 ClientSampleId :
 PB125946BL

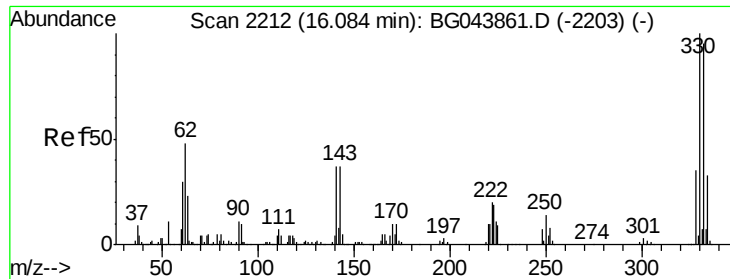
Tot Ion	82	Resp	545862
Ion Ratio	Lower	Upper	
82	100		
128	43.6	35.1	52.7
54	46.6	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG043971.D
 Acq: 8 Jan 2020 17:25

Tgt Ion	164	Resp	270311
Ion Ratio	Lower	Upper	
164	100		
162	104.2	83.0	124.4
160	44.4	36.1	54.1

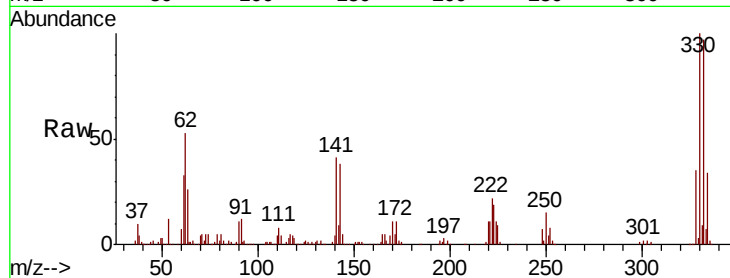




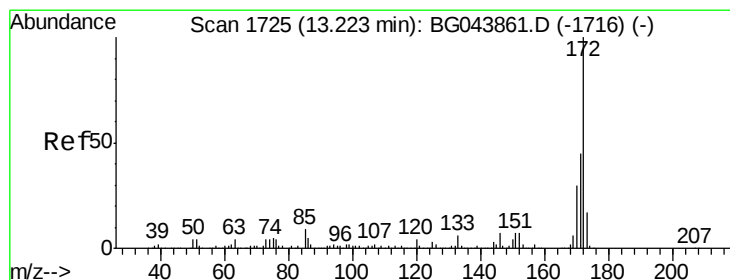
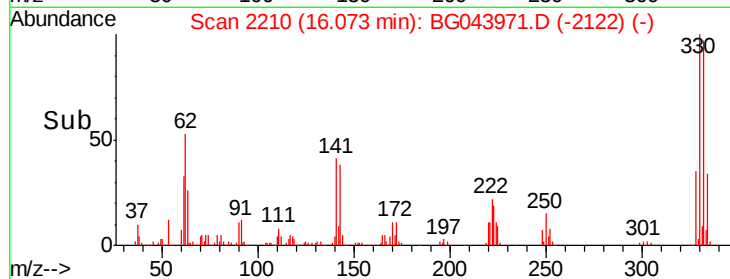
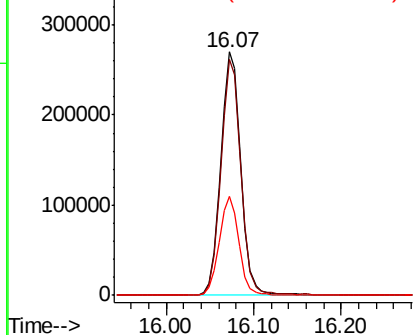
#42
 2,4,6-Tribromophenol
 Concen: 151.567 ng
 RT: 16.07 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: BG043971.D
 Acq: 8 Jan 2020 17:25

Instrument :
 BNA_G
 ClientSampleId :
 PB125946BL

Tot Ion:330 Resp: 428744
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.2 115.8
 141 39.6 33.1 49.7

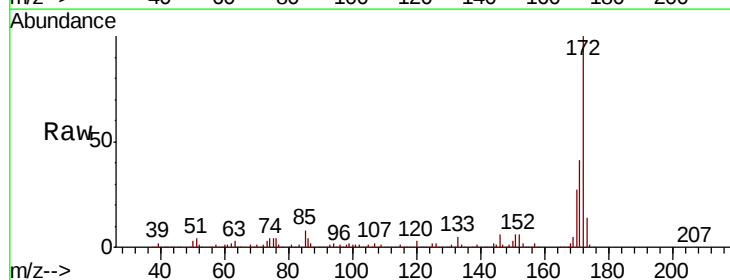


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

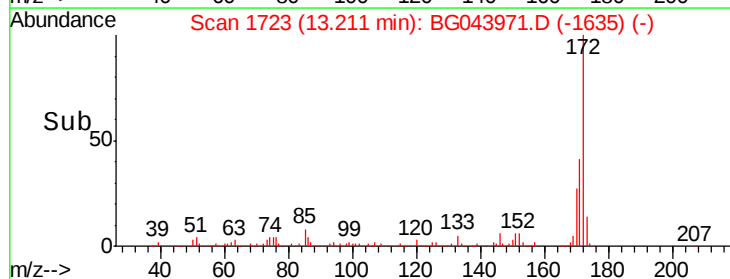
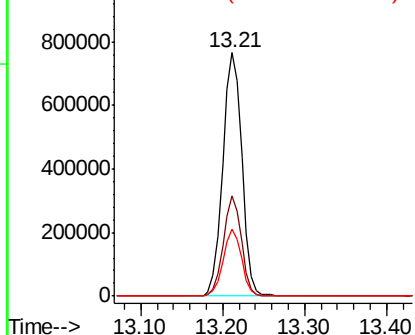


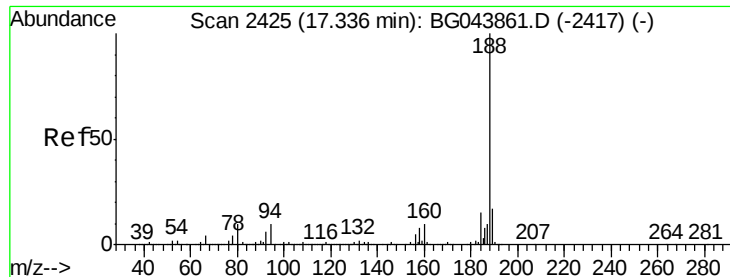
#45
 2-Fluorobiphenyl
 Concen: 83.516 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG043971.D
 Acq: 8 Jan 2020 17:25

Tgt Ion:172 Resp: 1246039
 Ion Ratio Lower Upper
 172 100
 171 41.0 35.8 53.8
 170 27.3 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: BG043971.D

Acq: 8 Jan 2020 17:25

Instrument :

BNA_G

ClientSampleId :

PB125946BL

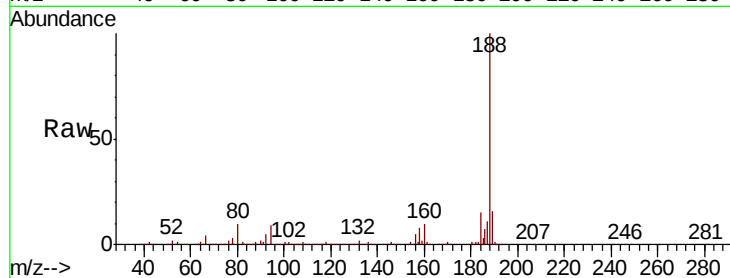
Tot Ion:188 Resp: 610092

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

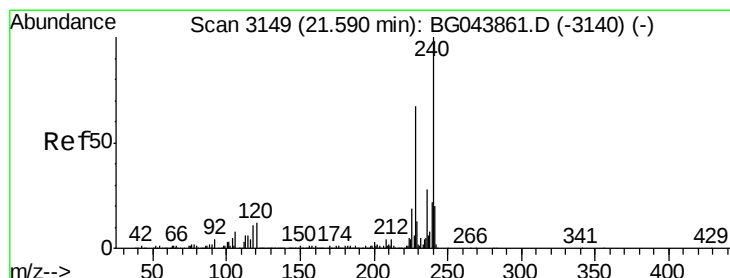
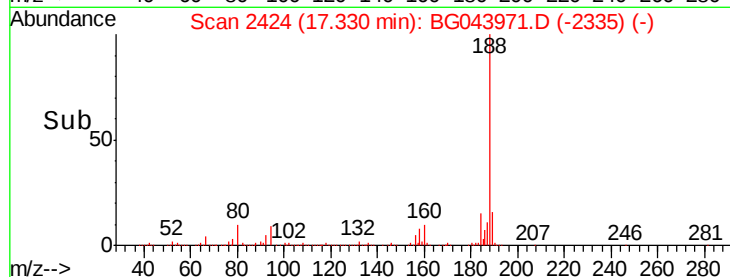
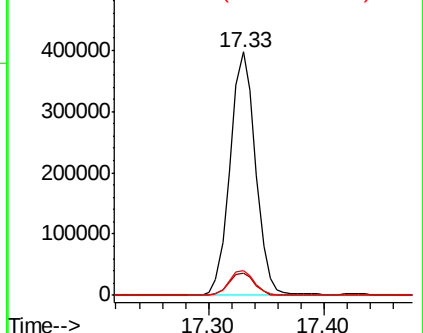
80 10.1 8.2 12.4



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: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG043971.D

Acq: 8 Jan 2020 17:25

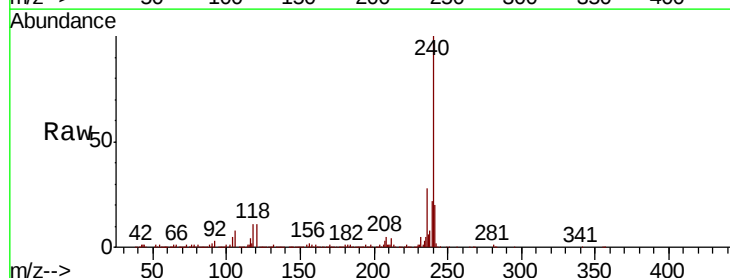
Tgt Ion:240 Resp: 566805

Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

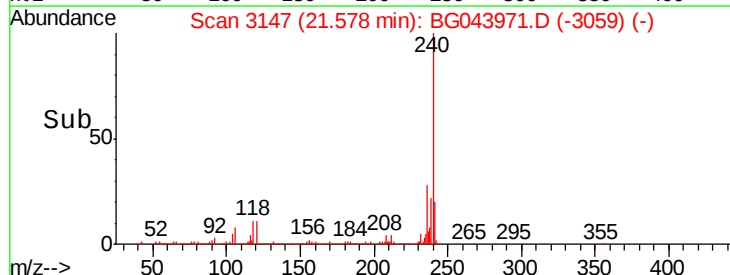
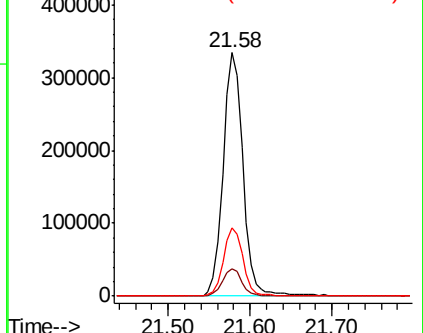
236 28.2 22.2 33.2

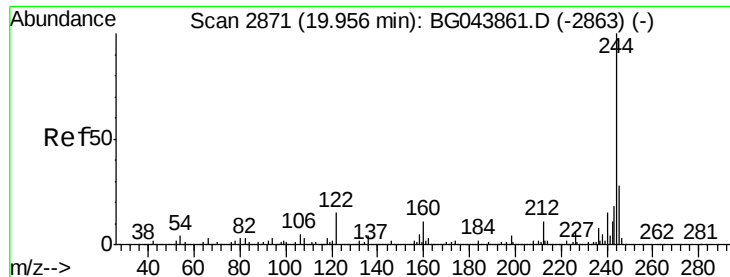


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.821 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043971.D

Acq: 8 Jan 2020 17:25

Instrument :

BNA_G

ClientSampleId :

PB125946BL

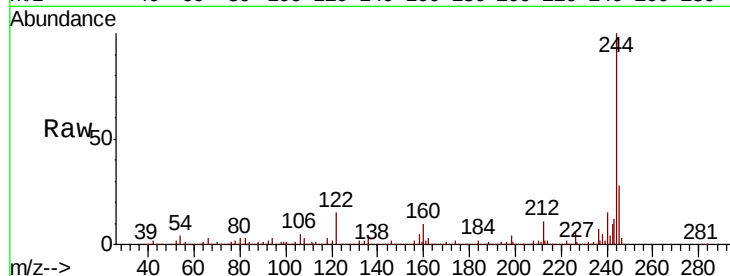
Tot Ion:244 Resp: 2244448

Ion Ratio Lower Upper

244 100

212 10.7 8.6 13.0

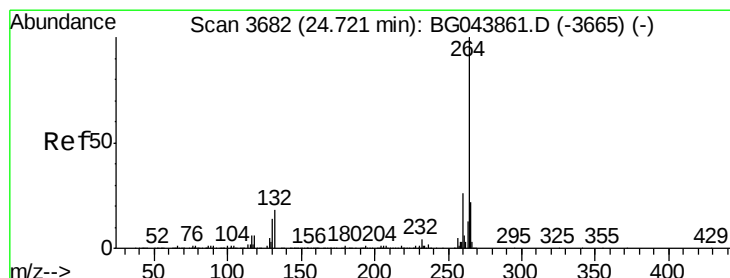
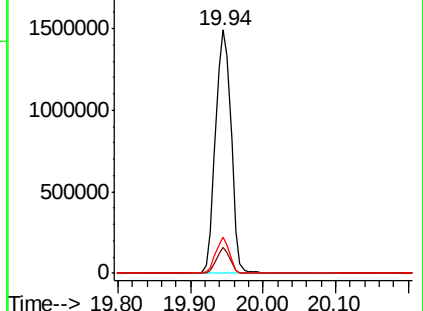
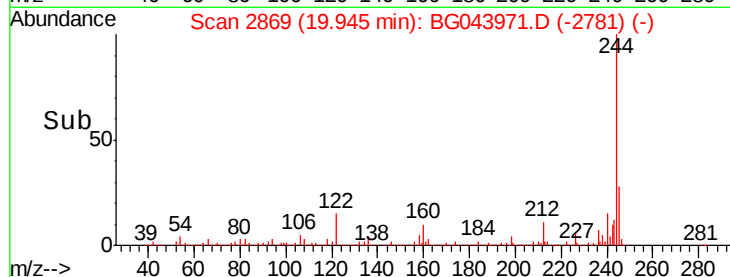
122 14.9 11.9 17.9



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# 3679

Delta R.T. -0.02 min

Lab File: BG043971.D

Acq: 8 Jan 2020 17:25

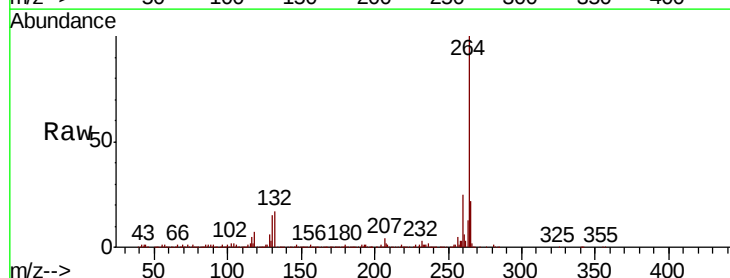
Tgt Ion:264 Resp: 625230

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 22.1 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

