

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043974.D
 Acq On : 8 Jan 2020 19:22
 Operator : JU
 Sample : PB125951BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125951BL

Quant Time: Jan 09 06:51:20 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	127789	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	507768	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	330959	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	713925	20.00	ng	0.00
76) Chrysene-d12	21.58	240	586873	20.00	ng	-0.01
87) Perylene-d12	24.70	264	641944	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	641468	92.17	ng	0.00
7) Phenol-d6	7.12	99	560777	57.64	ng	0.00
23) Nitrobenzene-d5	9.11	82	807610	85.09	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	510893	147.51	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1678985	91.91	ng	0.00
79) Terphenyl-d14	19.95	244	2426928	106.18	ng	0.00

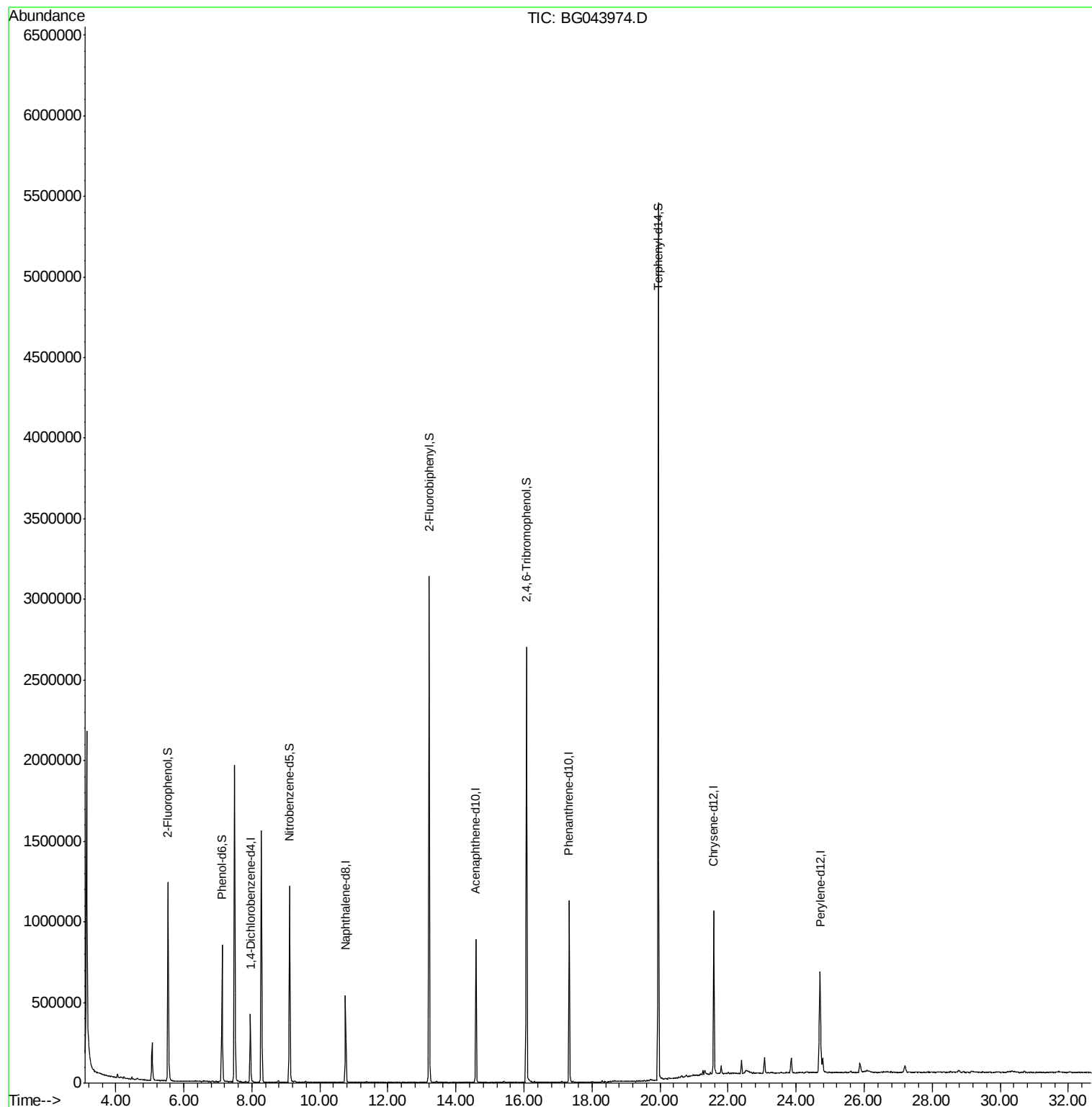
Target Compounds Qvalue

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

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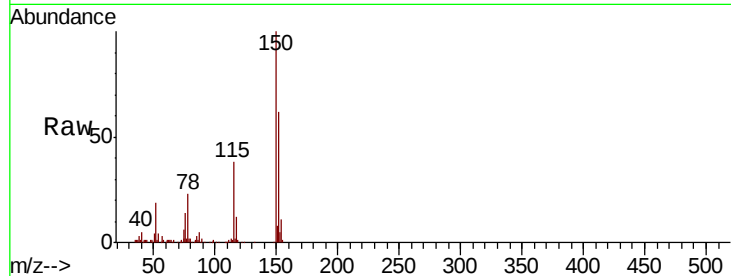


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043974.D
Acq: 8 Jan 2020 19:22

Instrument :
BNA_G
ClientSampleId :
PB125951BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	127.0	190.4
115	61.5	47.8	71.8

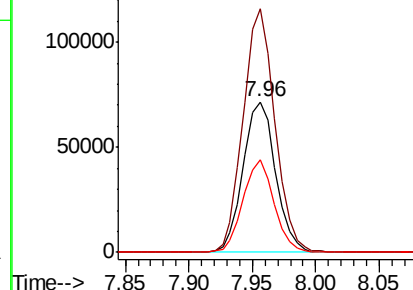
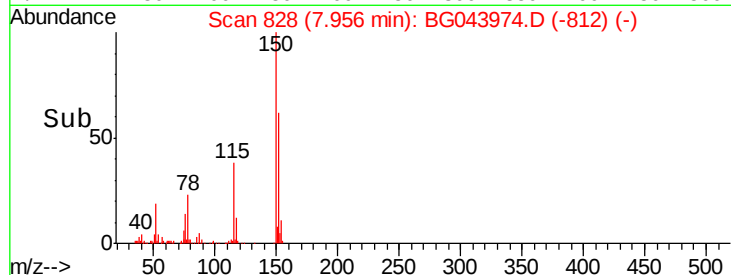


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

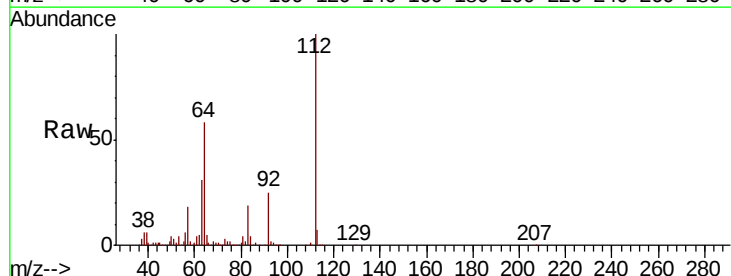
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.169 ng
RT: 5.54 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG043974.D
Acq: 8 Jan 2020 19:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.8	71.6
63	30.7	24.3	36.5

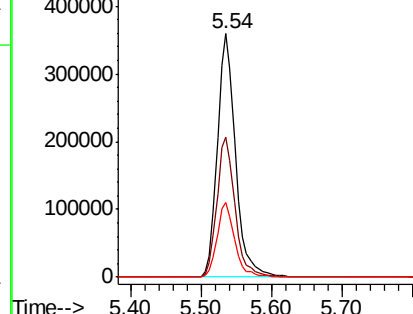
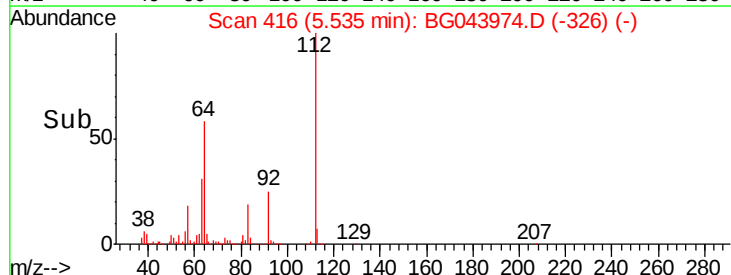


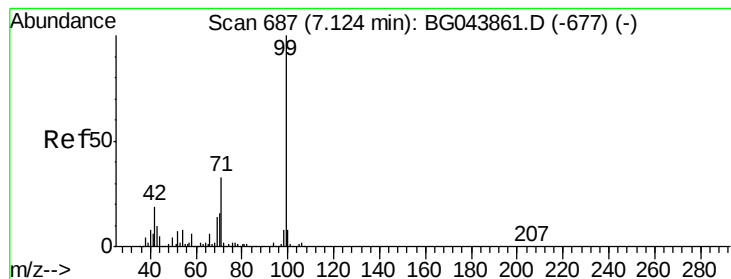
Abundance

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: 57.643 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG043974.D

Acq: 8 Jan 2020 19:22

Instrument :

BNA_G

ClientSampleId :

PB125951BL

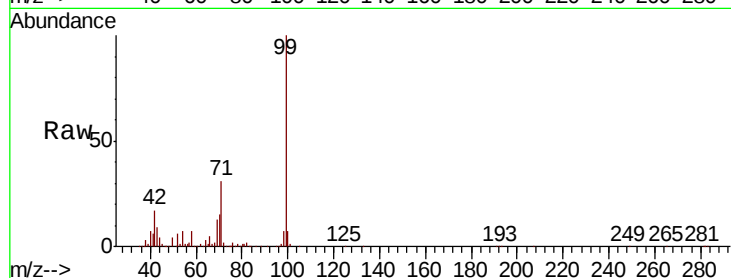
Tot Ion: 99 Resp: 560777

Ion Ratio Lower Upper

99 100

42 17.2 14.9 22.3

71 31.1 26.4 39.6

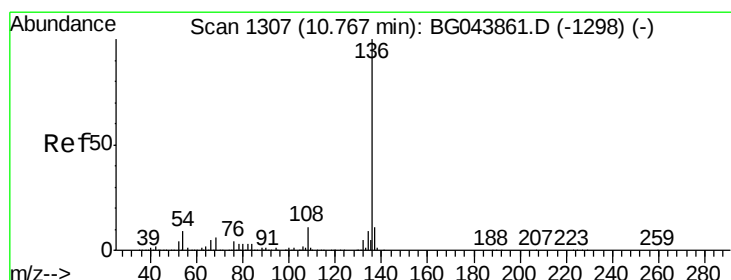
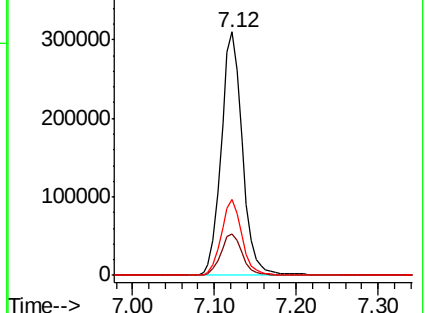
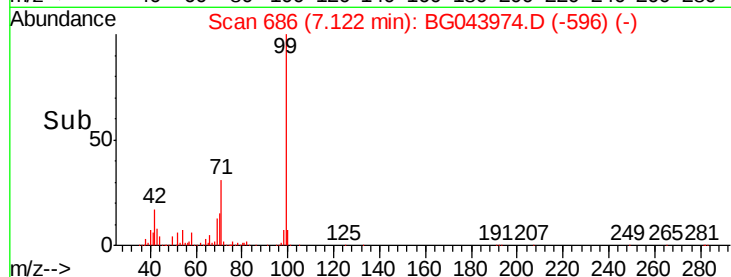


Abundance

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: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG043974.D

Acq: 8 Jan 2020 19:22

Tgt Ion: 136 Resp: 507768

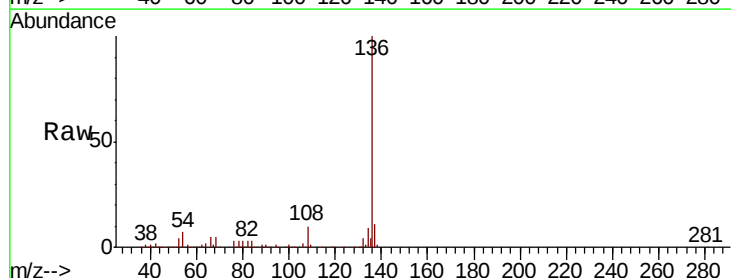
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.4 7.0 10.4

68 5.5 4.9 7.3



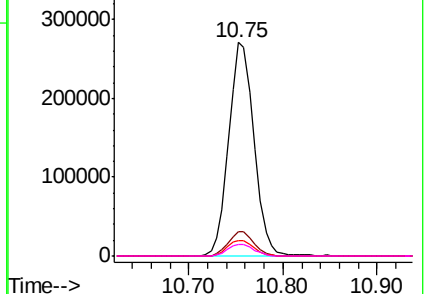
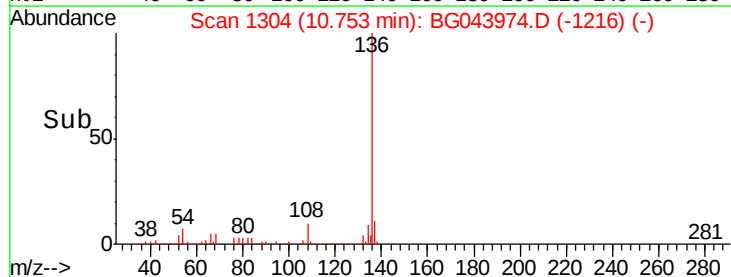
Abundance

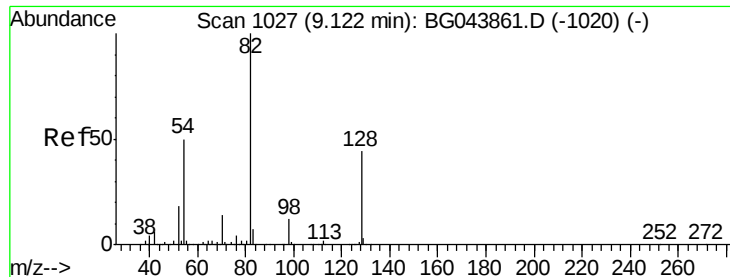
Ion 136.00 (135.70 to 136.70): BGC

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

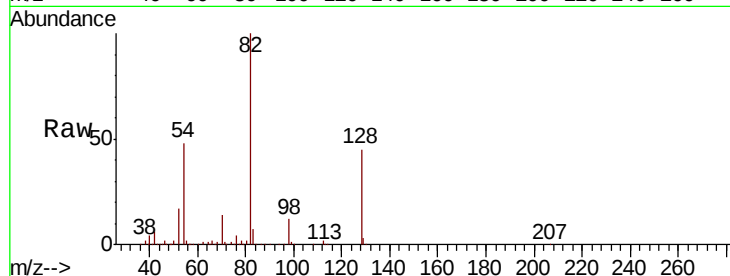




#23
Nitrobenzene-d5
Concen: 85.086 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG043974.D
Acq: 8 Jan 2020 19:22

Instrument :
BNA_G
ClientSampleId :
PB125951BL

Tot Ion	82	Resp	807610
Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.1	52.7
54	48.1	40.1	60.1

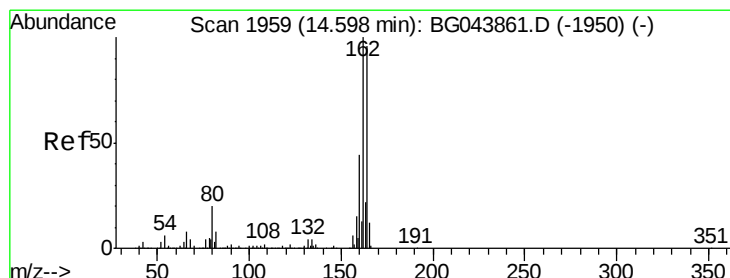
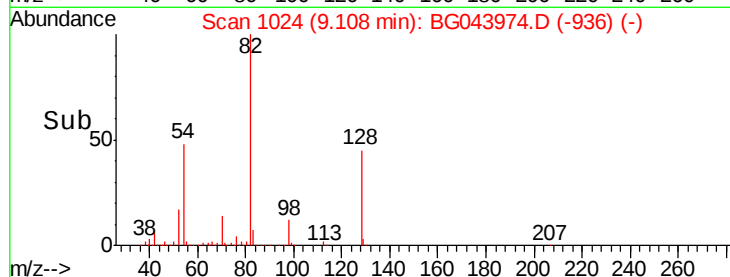
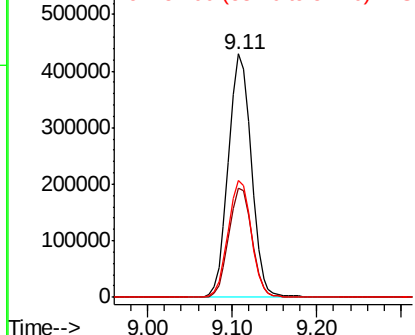


Abundance

Ion 82.00 (81.70 to 82.70): BGC

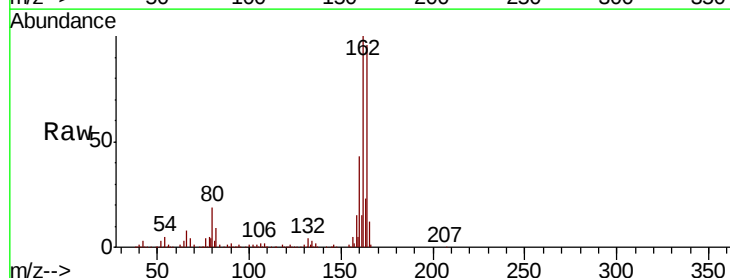
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG043974.D
Acq: 8 Jan 2020 19:22

Tgt Ion	164	Resp	330959
Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.0	124.4
160	44.9	36.1	54.1

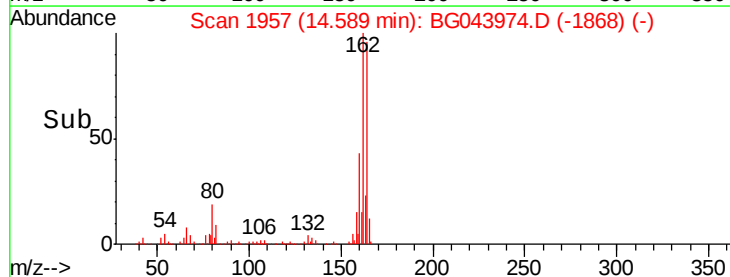
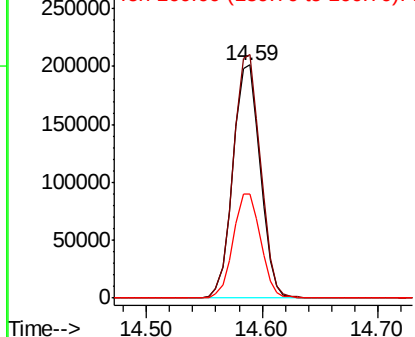


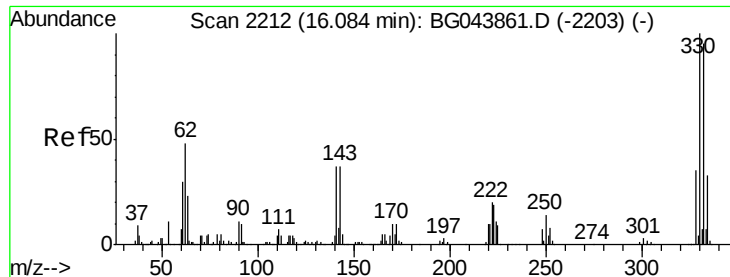
Abundance

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

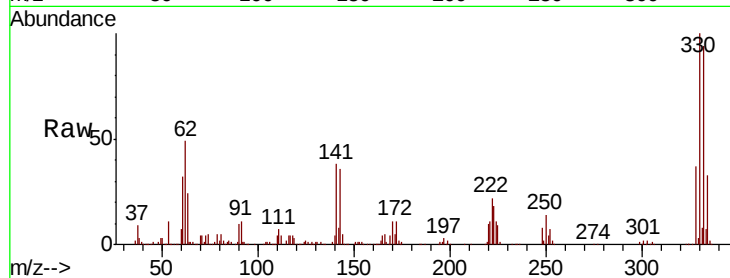




#42
 2,4,6-Tribromophenol
 Concen: 147.511 ng
 RT: 16.08 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: BG043974.D
 Acq: 8 Jan 2020 19:22

Instrument :
 BNA_G
 ClientSampleId :
 PB125951BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.2	115.8
141	39.6	33.1	49.7

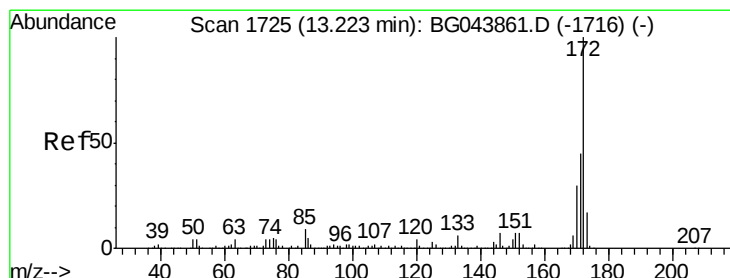
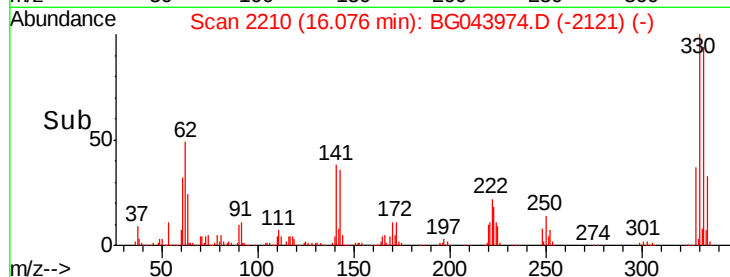
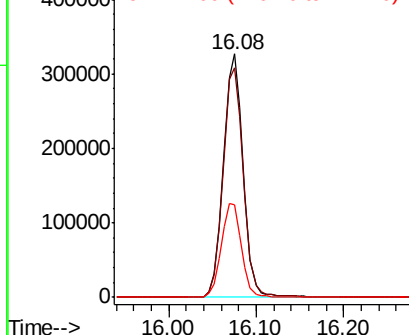


Abundance

Ion 329.80 (329.50 to 330.50): E

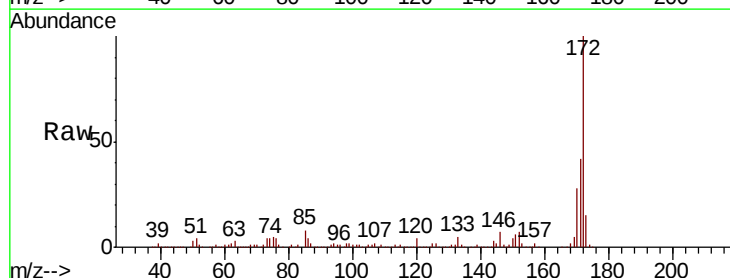
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.913 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG043974.D
 Acq: 8 Jan 2020 19:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.6	35.8	53.8
170	28.5	24.2	36.4

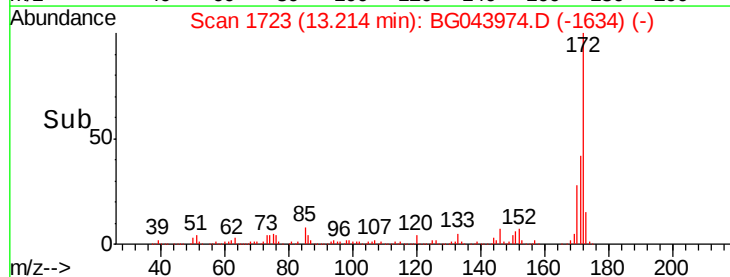
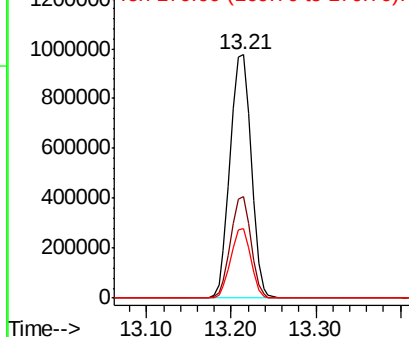


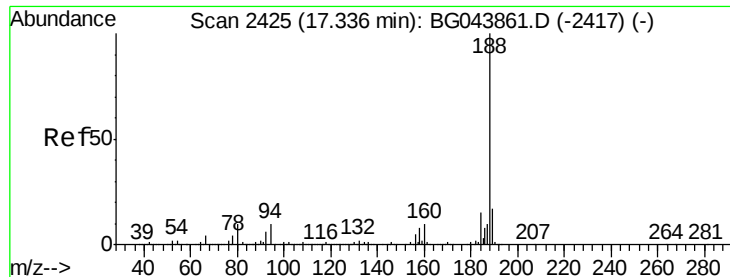
Abundance

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

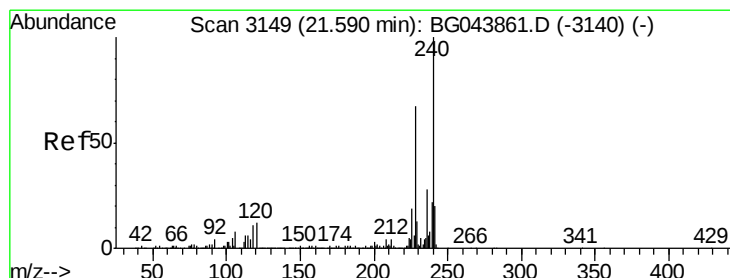
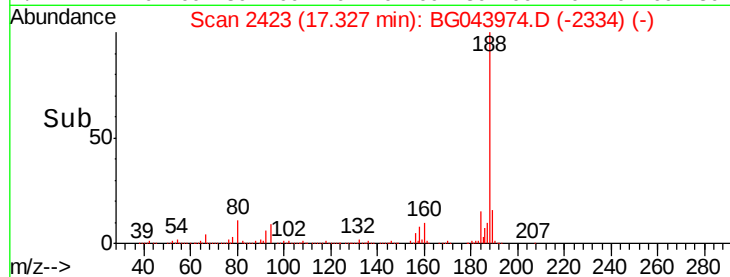
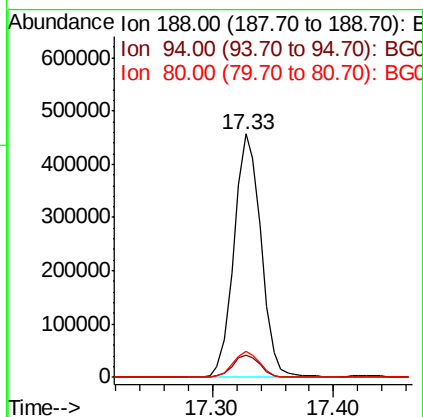
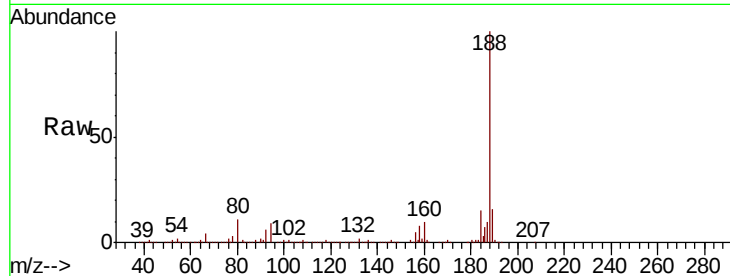




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG043974.D
Acq: 8 Jan 2020 19:22

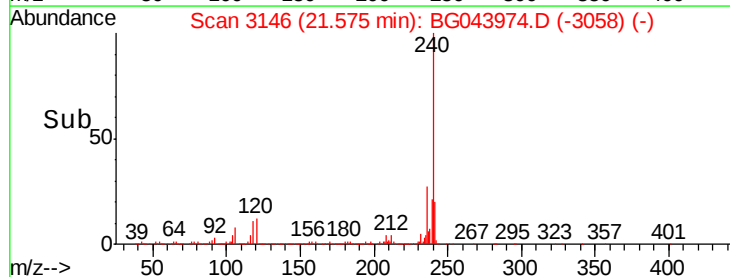
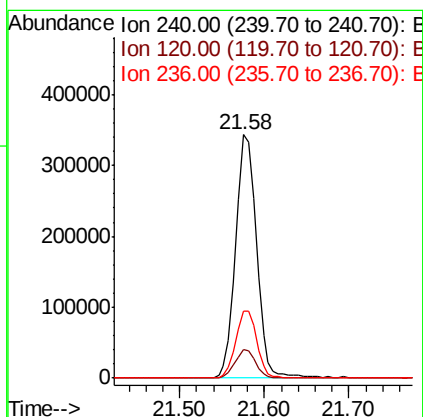
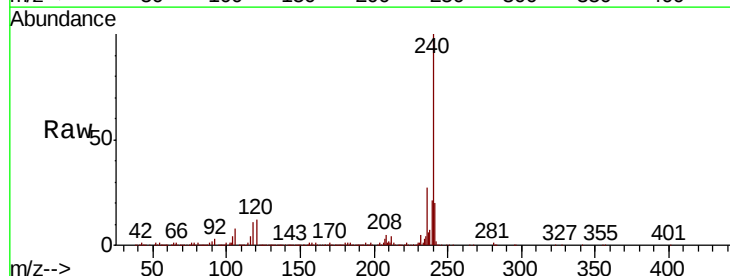
Instrument :
BNA_G
ClientSampleId :
PB125951BL

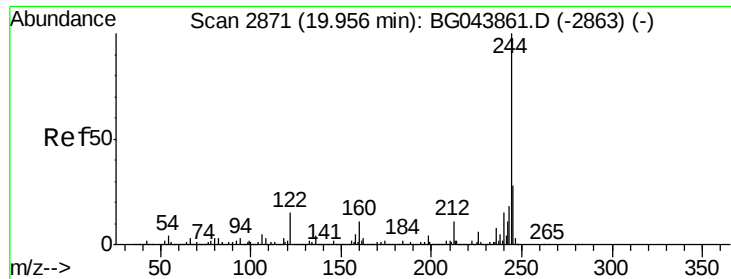
Tot Ion:188 Resp: 713925
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.6 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG043974.D
Acq: 8 Jan 2020 19:22

Tgt Ion:240 Resp: 586873
Ion Ratio Lower Upper
240 100
120 11.8 9.6 14.4
236 27.3 22.2 33.2





#79

Terphenyl-d14

Concen: 106.180 ng

RT: 19.95 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043974.D

Acq: 8 Jan 2020 19:22

Instrument :

BNA_G

ClientSampleId :

PB125951BL

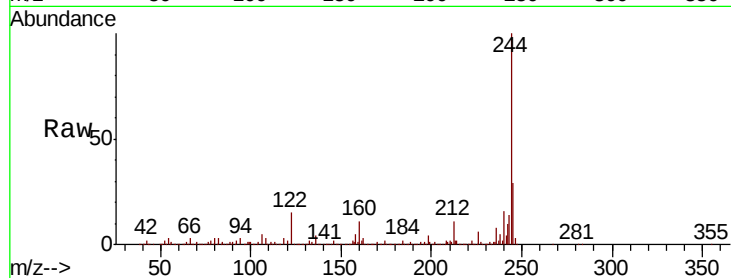
Tot Ion:244 Resp: 2426928

Ion Ratio Lower Upper

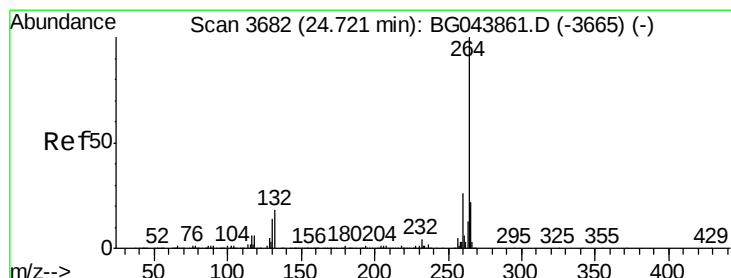
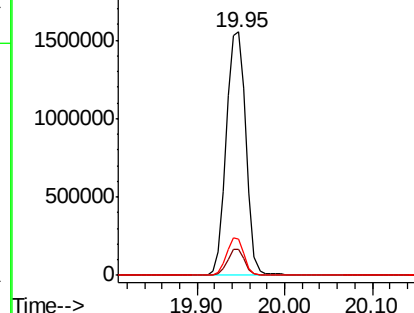
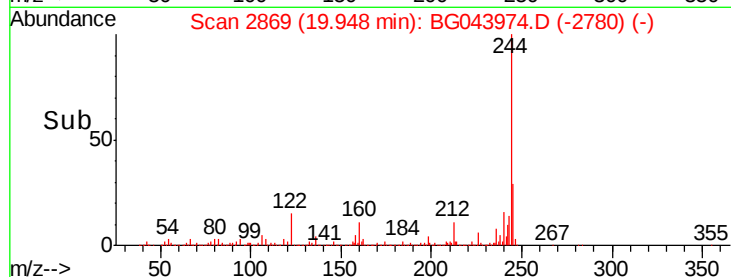
244 100

212 10.8 8.6 13.0

122 14.7 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: BG043974.D

Acq: 8 Jan 2020 19:22

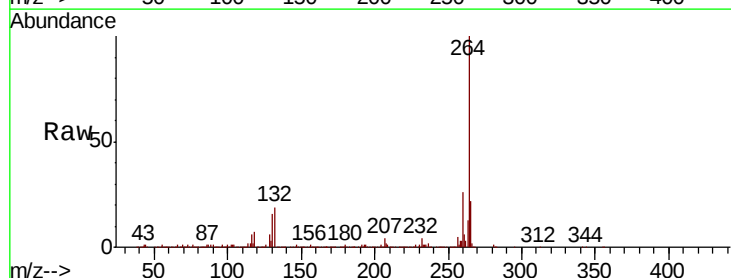
Tgt Ion:264 Resp: 641944

Ion Ratio Lower Upper

264 100

260 25.7 20.4 30.6

265 22.2 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

