

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043882.D
 Acq On : 3 Jan 2020 10:54
 Operator : JU
 Sample : PB125860BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125860BL

Quant Time: Jan 03 12:50:59 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	7.96	152	140027	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	608984	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	413672	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	945775	20.00	ng	0.00
76) Chrysene-d12	21.58	240	830000	20.00	ng	0.00
87) Perylene-d12	24.72	264	919674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1191539	156.24	ng	0.00
7) Phenol-d6	7.12	99	1635992	153.47	ng	0.00
23) Nitrobenzene-d5	9.12	82	1026406	90.16	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	677918	156.60	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2169527	95.02	ng	0.00
79) Terphenyl-d14	19.95	244	3063321	90.50	ng	0.00

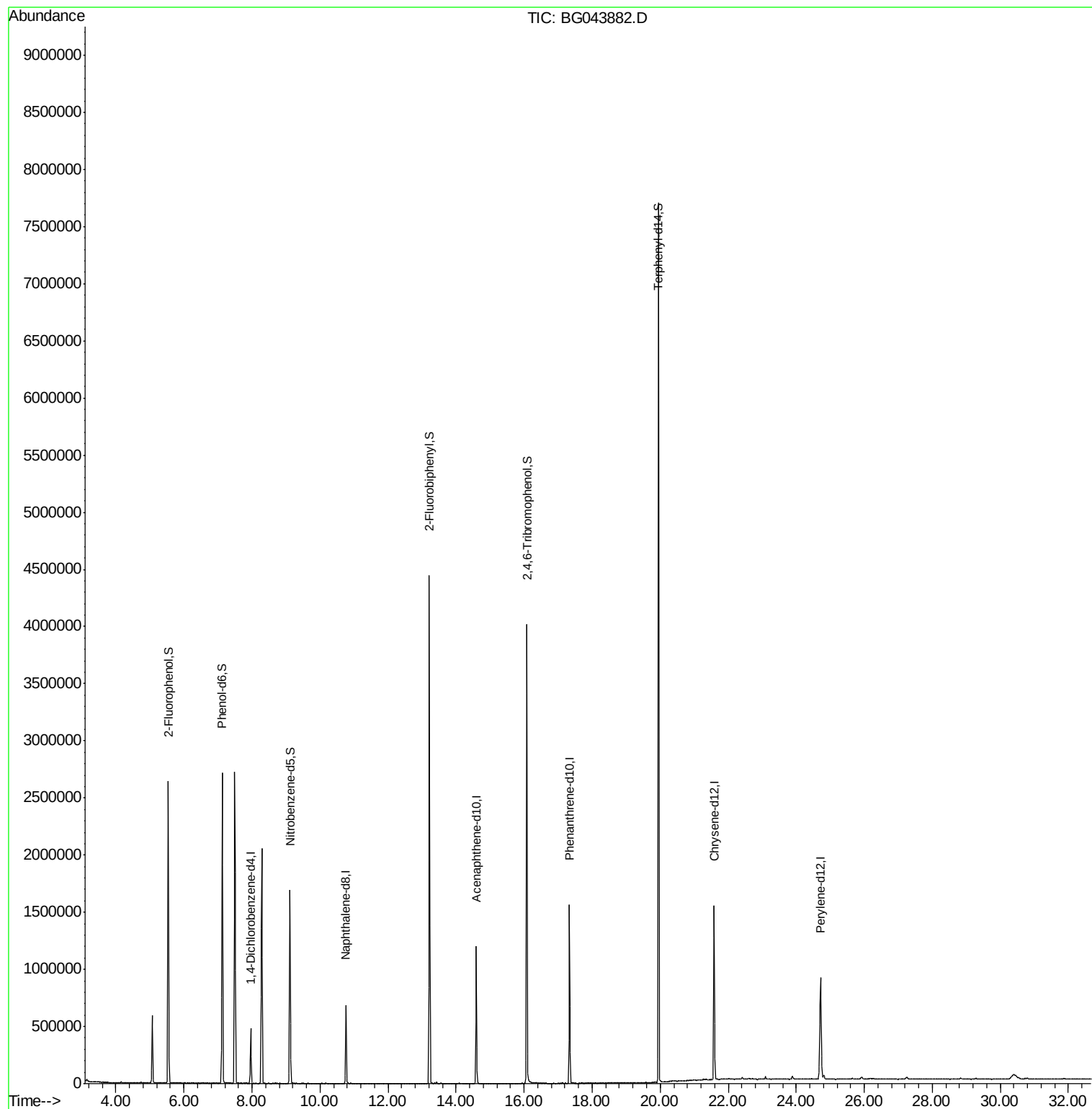
Target Compounds Qvalue

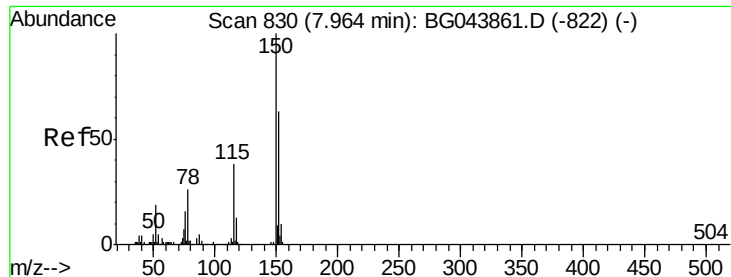
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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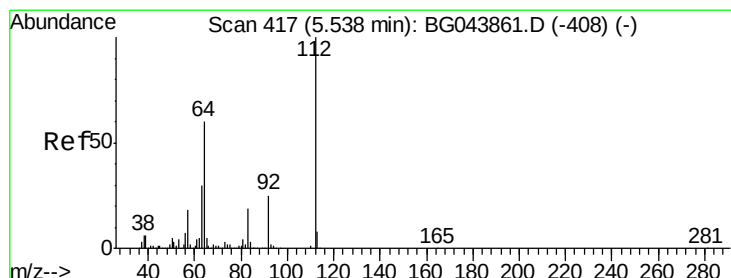
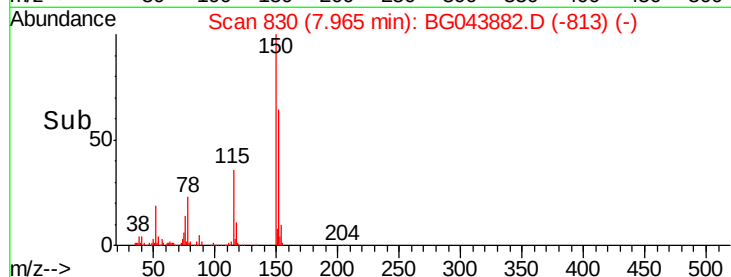
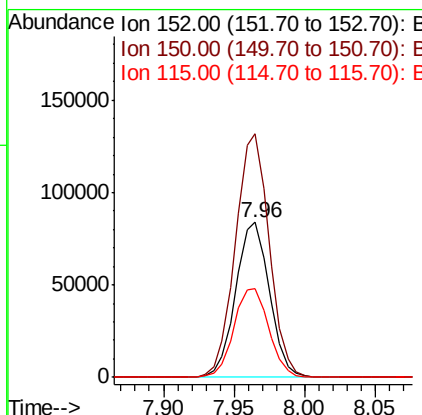
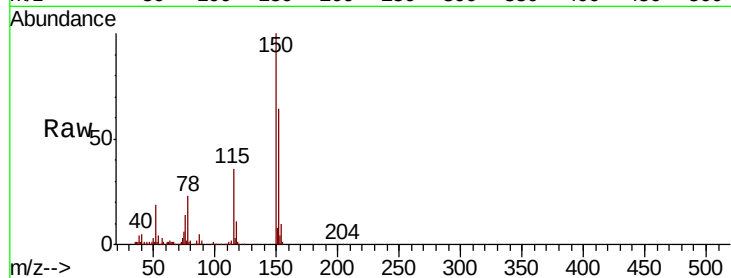


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043882.D
Acq: 3 Jan 2020 10:54

Instrument :
BNA_G
ClientSampleId :
PB125860BL

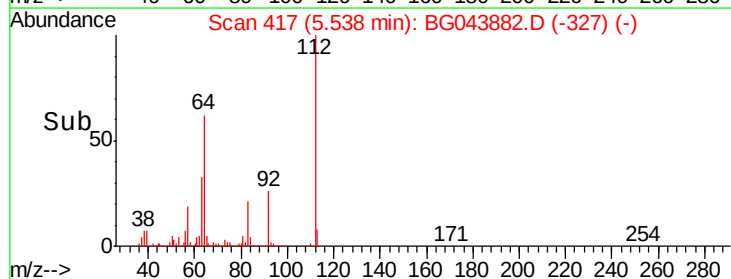
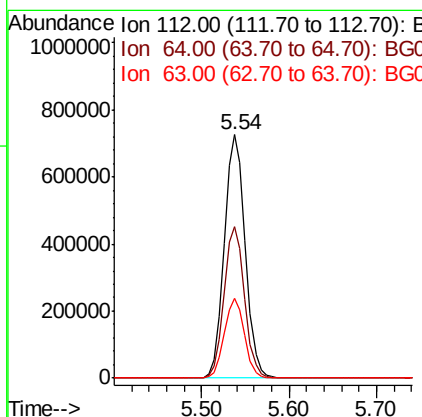
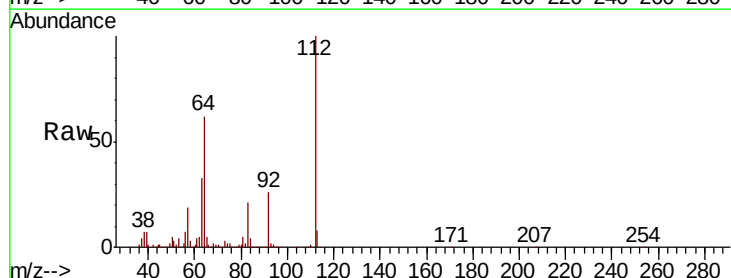
Tot Ion:152 Resp: 140027
Ion Ratio Lower Upper
152 100
150 157.0 127.0 190.4
115 57.1 47.8 71.8

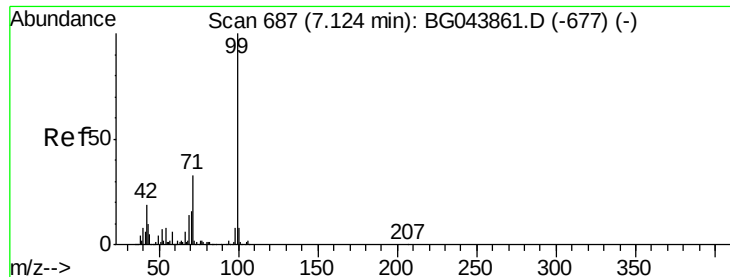


#5

2-Fluorophenol
Concen: 156.242 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043882.D
Acq: 3 Jan 2020 10:54

Tgt Ion:112 Resp: 1191539
Ion Ratio Lower Upper
112 100
64 62.2 47.8 71.6
63 32.8 24.3 36.5





#7

Phenol-d6

Concen: 153.469 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043882.D

Acq: 3 Jan 2020 10:54

Instrument :

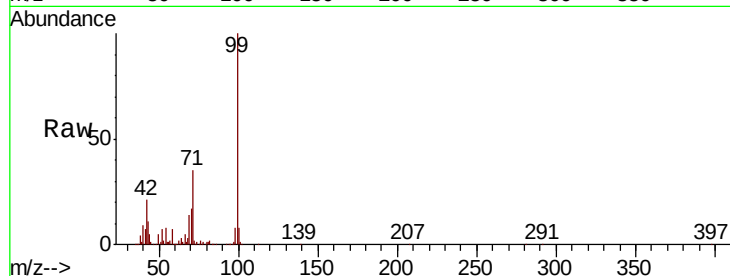
BNA_G

ClientSampleId :

PB125860BL

Tot Ion: 99 Resp: 1635992

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.9	22.3
71	34.6	26.4	39.6

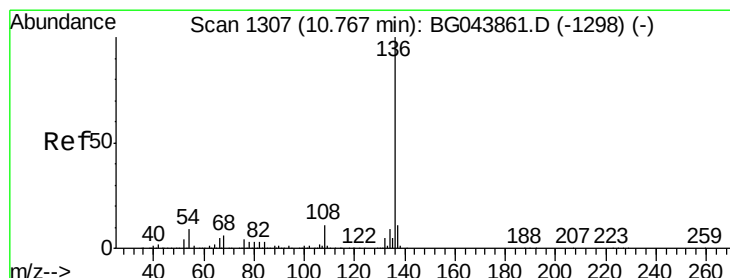
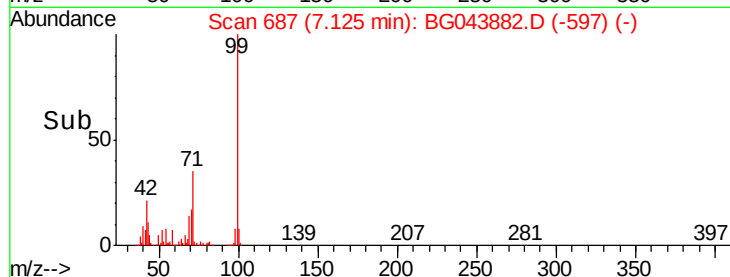
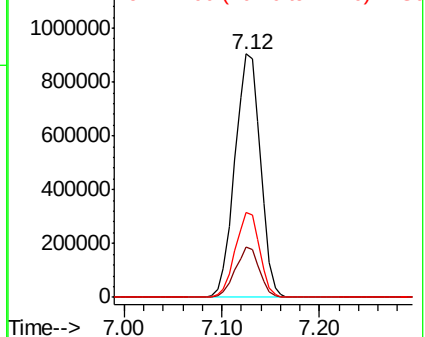


Abundance

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# 1306

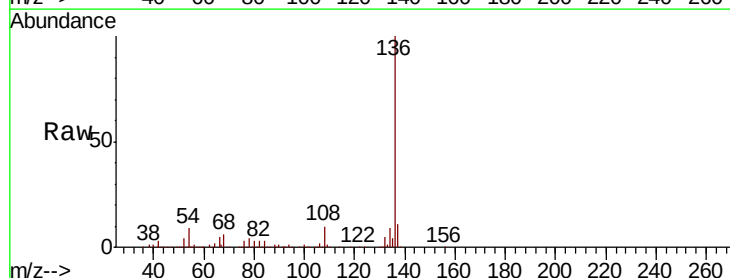
Delta R.T. -0.01 min

Lab File: BG043882.D

Acq: 3 Jan 2020 10:54

Tgt Ion: 136 Resp: 608984

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.2	7.0	10.4
68	6.3	4.9	7.3



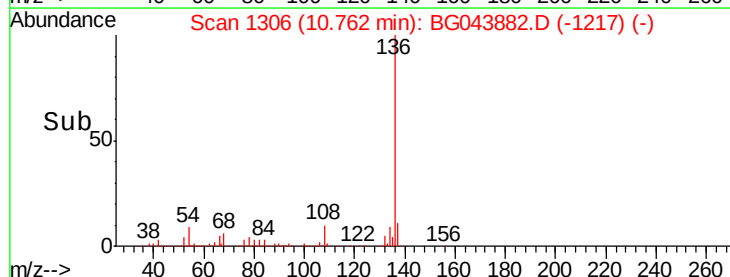
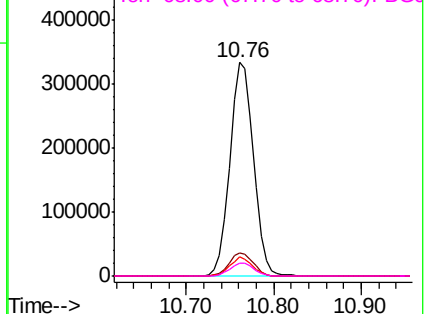
Abundance

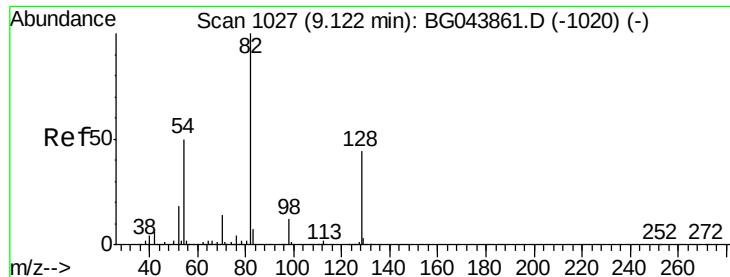
Ion 136.00 (135.70 to 136.70): BGC

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

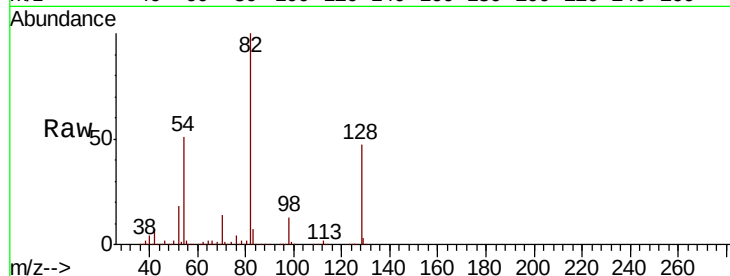




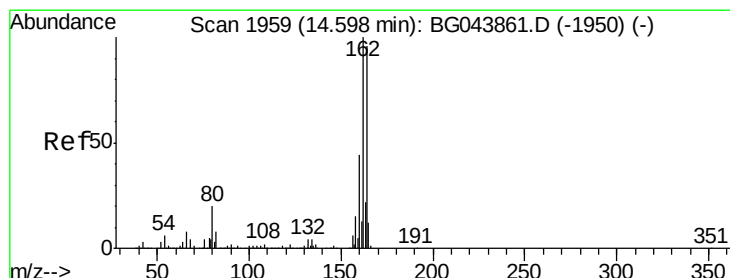
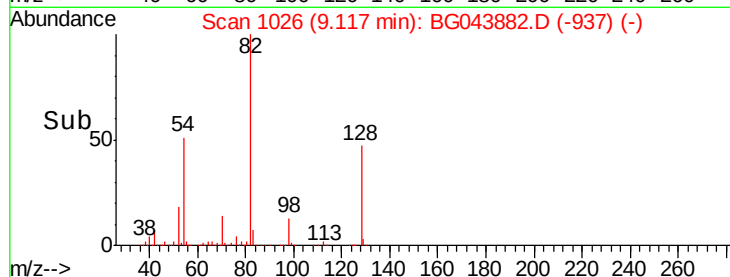
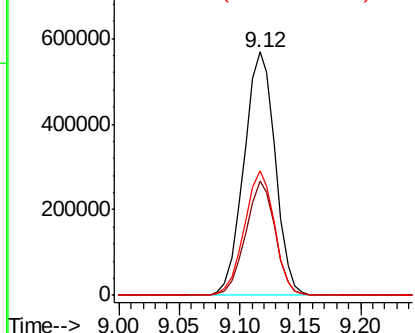
#23
Nitrobenzene-d5
Concen: 90.164 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043882.D
Acq: 3 Jan 2020 10:54

Instrument :
BNA_G
ClientSampled :
PB125860BL

Tot Ion: 82 Resp: 1026406
Ion Ratio Lower Upper
82 100
128 46.9 35.1 52.7
54 51.2 40.1 60.1

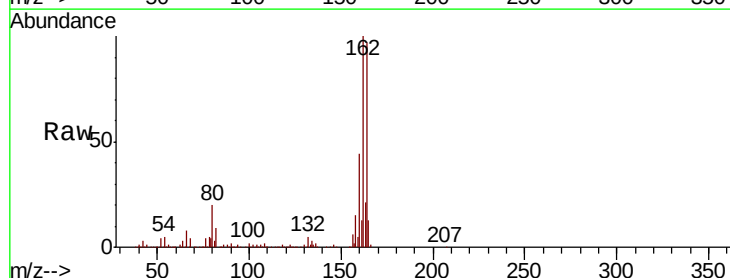


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

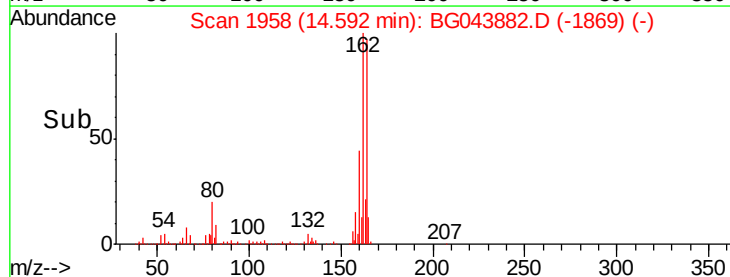
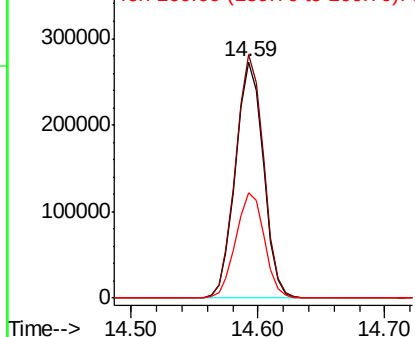


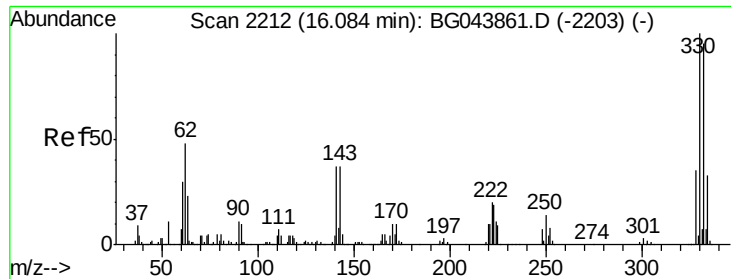
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043882.D
Acq: 3 Jan 2020 10:54

Tgt Ion:164 Resp: 413672
Ion Ratio Lower Upper
164 100
162 103.2 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

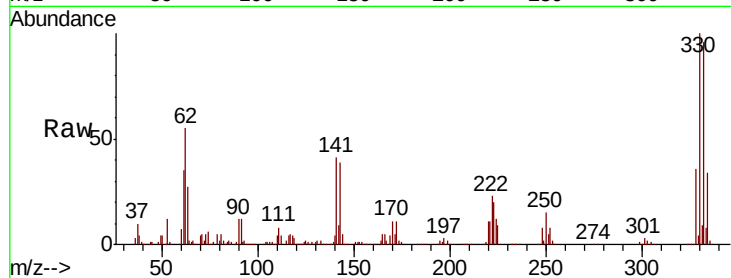




#42
 2,4,6-Tribromophenol
 Concen: 156.599 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: BG043882.D
 Acq: 3 Jan 2020 10:54

Instrument :
 BNA_G
 ClientSampleId :
 PB125860BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.2	115.8
141	41.1	33.1	49.7

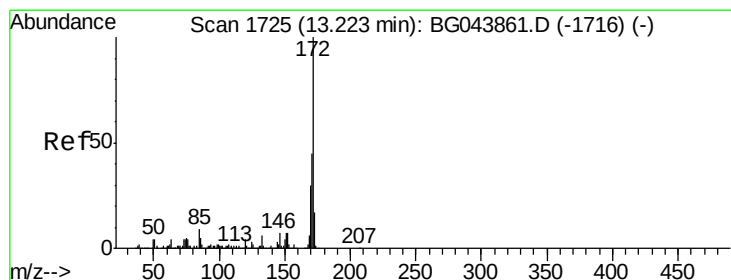
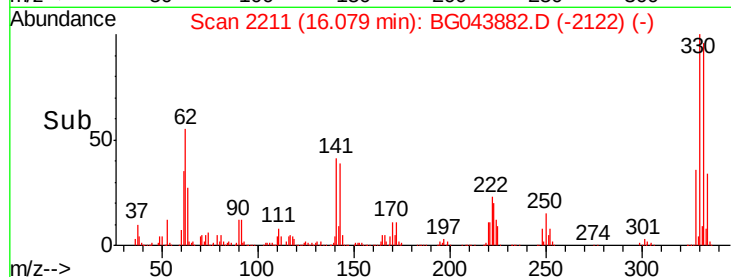
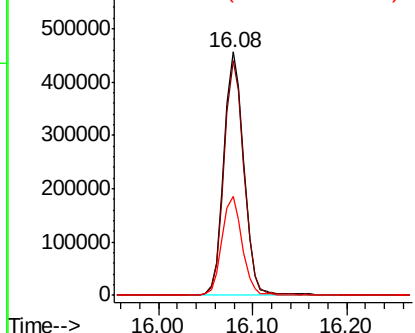


Abundance

Ion 329.80 (329.50 to 330.50): E

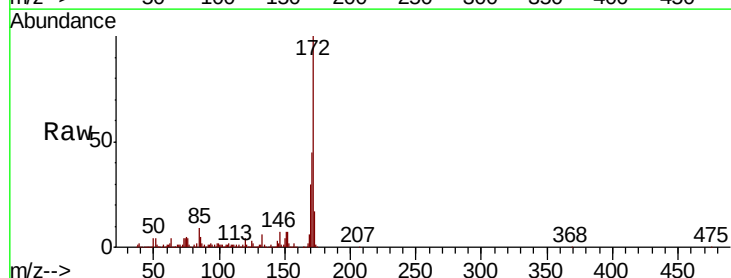
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.019 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG043882.D
 Acq: 3 Jan 2020 10:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	44.6	35.8	53.8
170	30.0	24.2	36.4

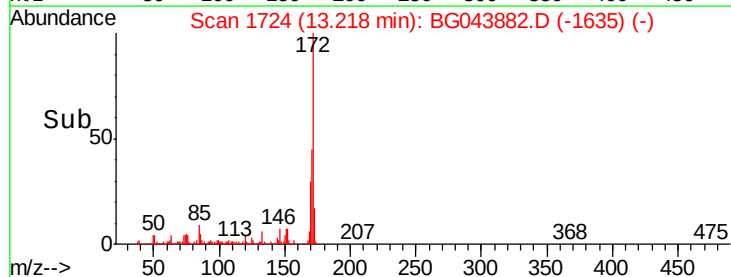
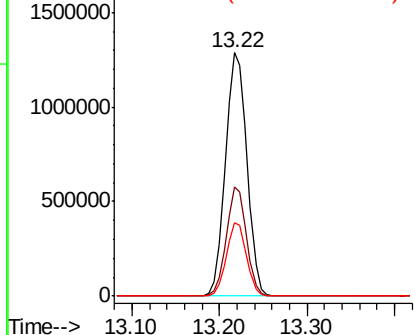


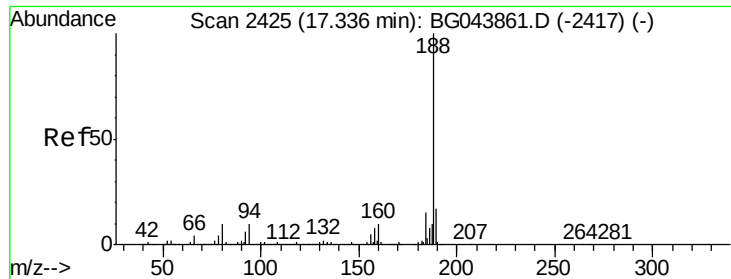
Abundance

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

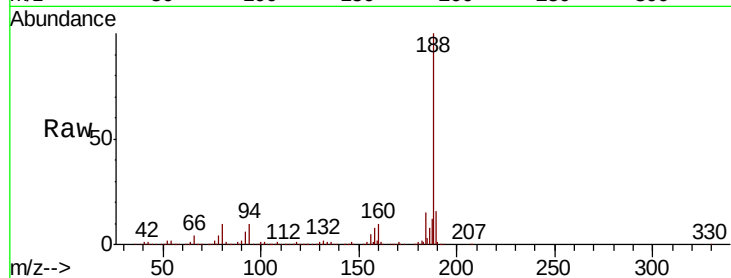




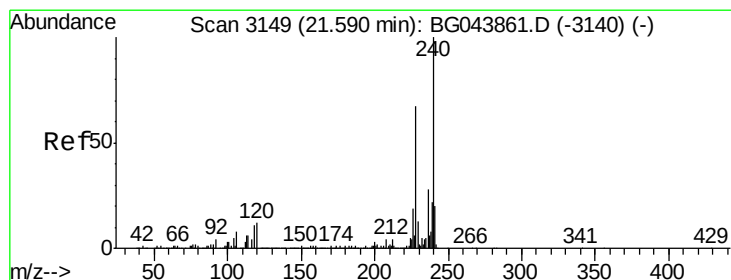
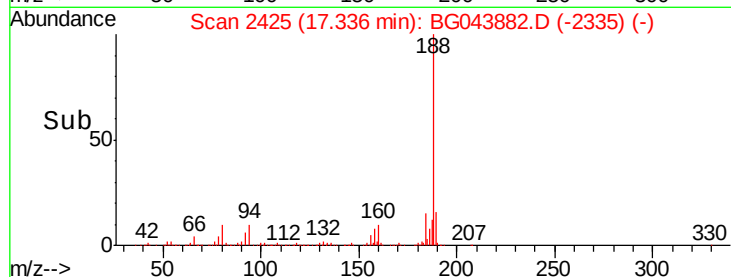
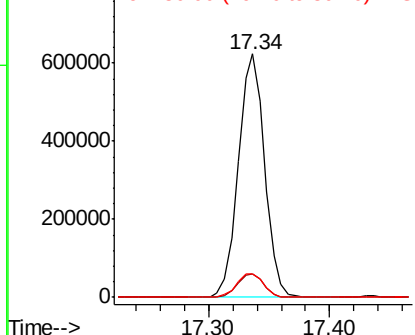
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043882.D
Acq: 3 Jan 2020 10:54

Instrument :
BNA_G
ClientSampleId :
PB125860BL

Tot Ion:188 Resp: 945775
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 9.8 8.2 12.4

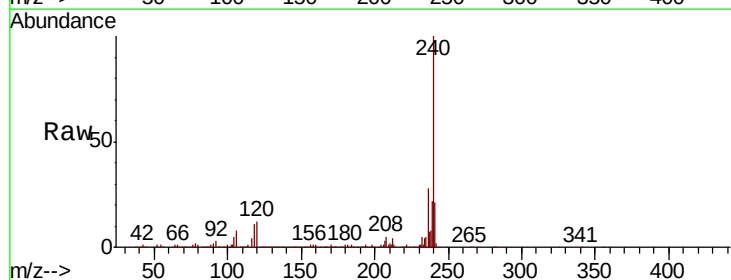


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

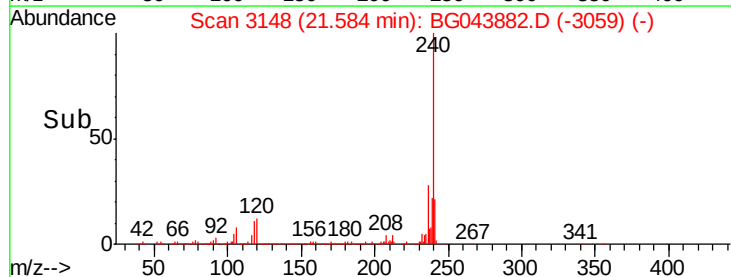
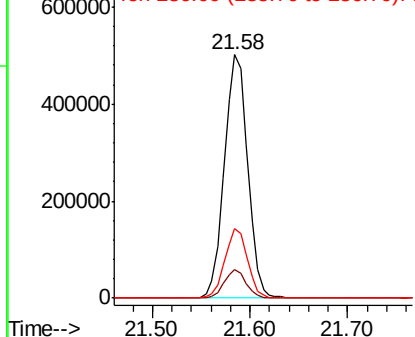


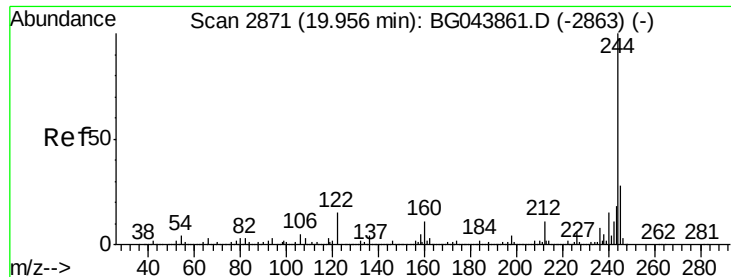
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG043882.D
Acq: 3 Jan 2020 10:54

Tgt Ion:240 Resp: 830000
Ion Ratio Lower Upper
240 100
120 11.9 9.6 14.4
236 28.4 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: 90.500 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043882.D

Acq: 3 Jan 2020 10:54

Instrument :

BNA_G

ClientSampleID :

PB125860BL

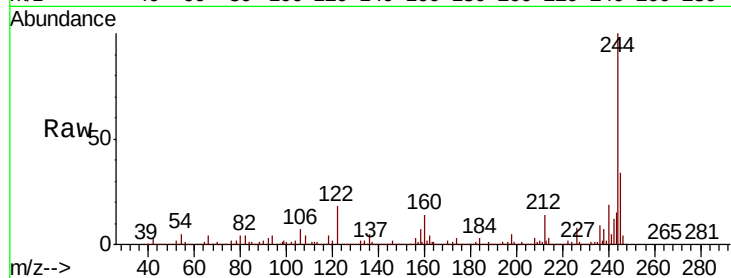
Tot Ion:244 Resp: 3063321

Ion Ratio Lower Upper

244 100

212 13.6 8.6 13.0#

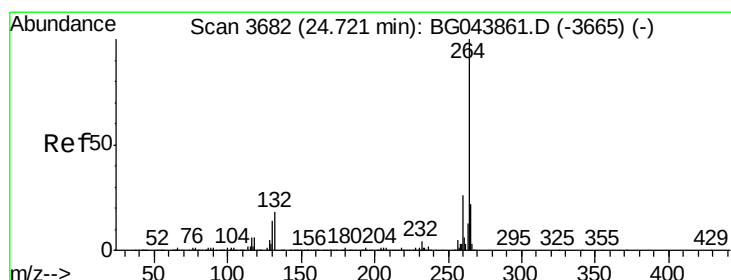
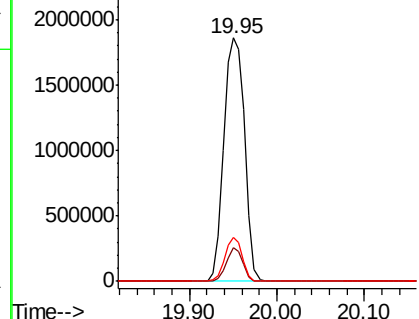
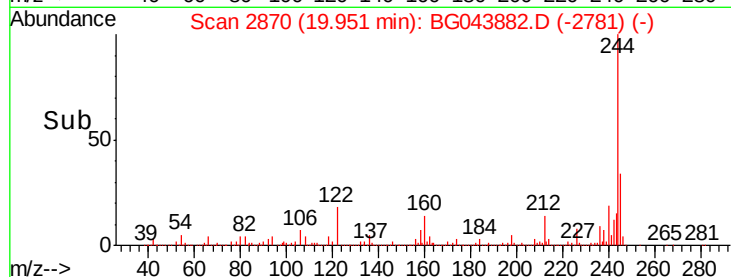
122 18.2 11.9 17.9#



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: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043882.D

Acq: 3 Jan 2020 10:54

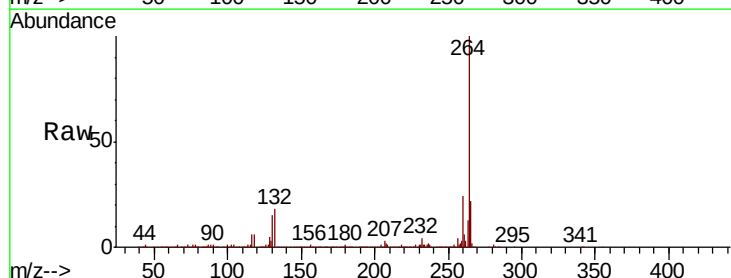
Tgt Ion:264 Resp: 919674

Ion Ratio Lower Upper

264 100

260 24.0 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

