

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
 Data File : BG043871.D
 Acq On : 2 Jan 2020 12:03
 Operator : JU
 Sample : PB125838BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125838BL

Quant Time: Jan 02 13:23:28 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	7.97	152	148200	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	632043	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	422159	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	947191	20.00	ng	0.00
76) Chrysene-d12	21.59	240	847303	20.00	ng	0.00
87) Perylene-d12	24.72	264	941375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1245736	154.34	ng	0.00
7) Phenol-d6	7.13	99	1718047	152.28	ng	0.00
23) Nitrobenzene-d5	9.12	82	1075822	91.06	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	689477	156.07	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2226459	95.55	ng	0.00
79) Terphenyl-d14	19.96	244	3112145	89.90	ng	0.00

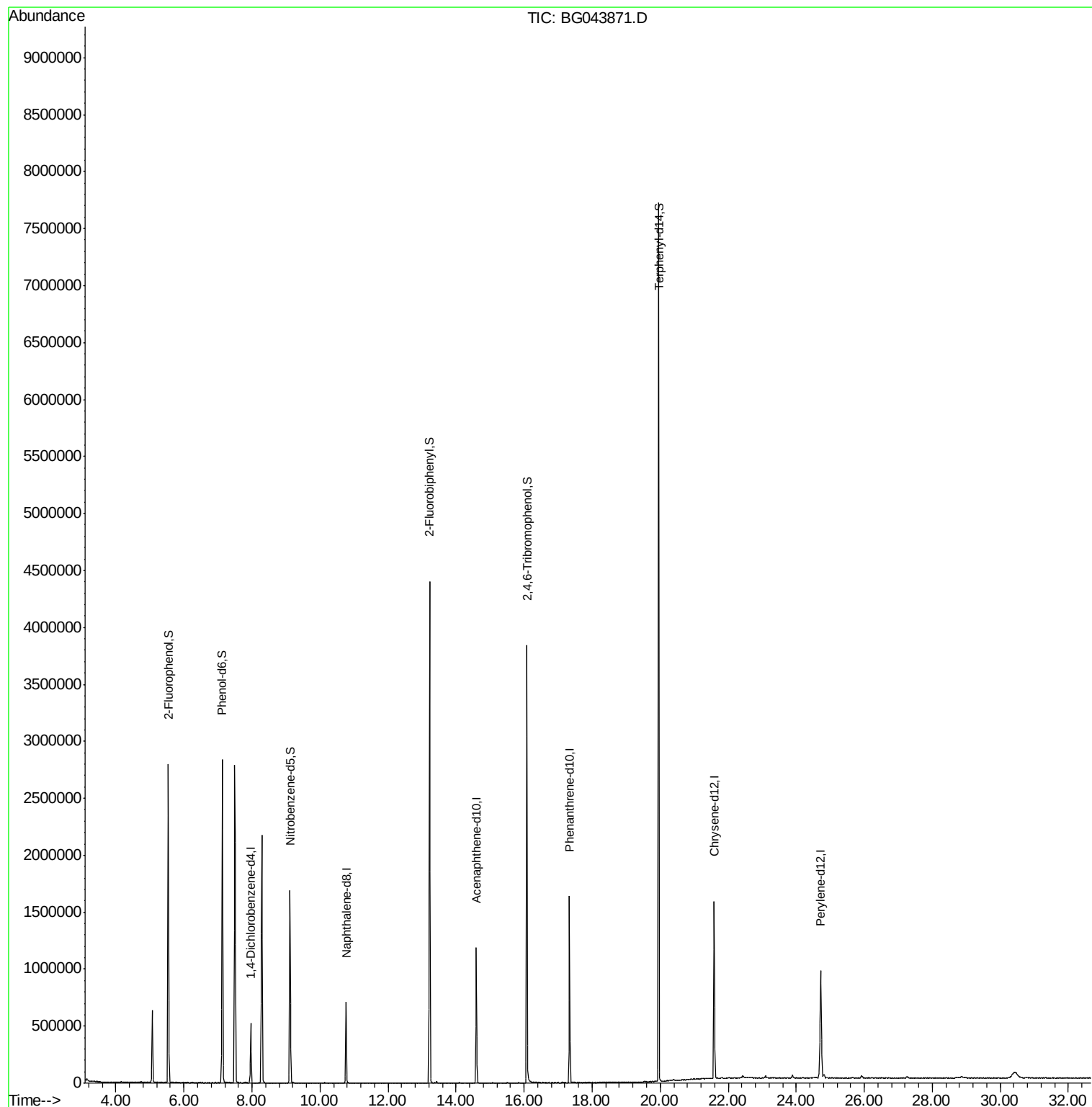
Target Compounds Qvalue

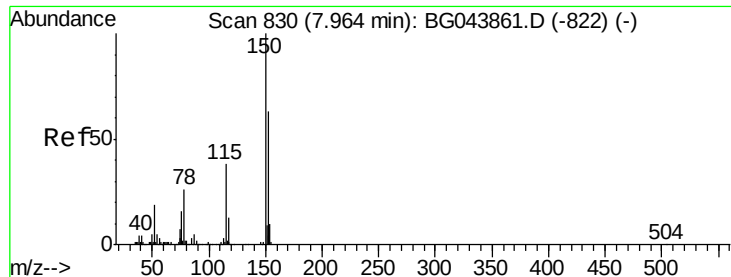
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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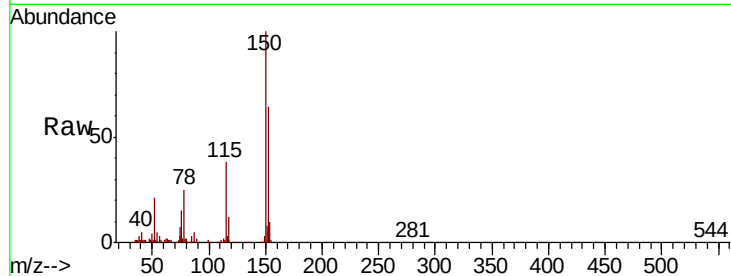


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043871.D
Acq: 2 Jan 2020 12:03

Instrument :
BNA_G
ClientSampleId :
PB125838BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	127.0	190.4
115	59.3	47.8	71.8

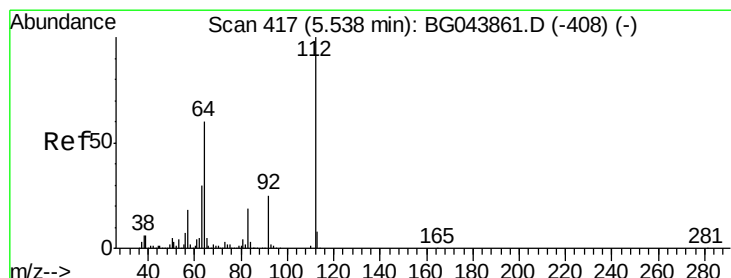
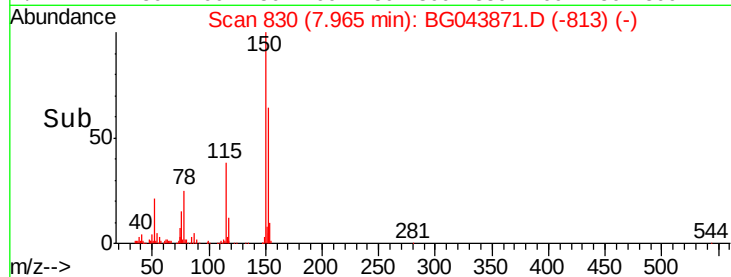
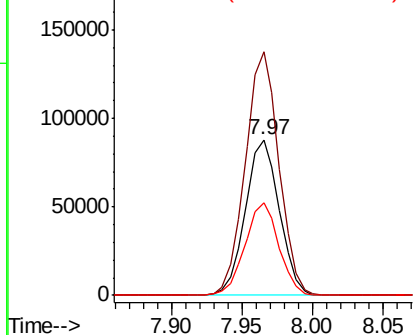


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

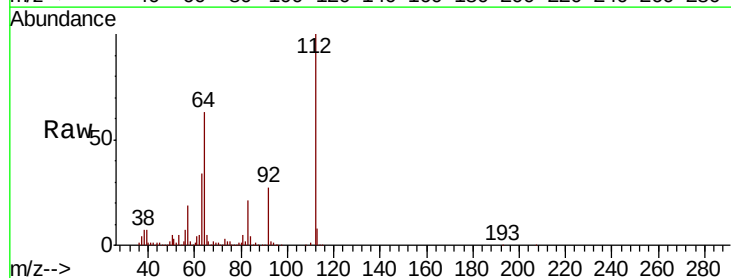
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 154.340 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043871.D
Acq: 2 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	47.8	71.6
63	33.9	24.3	36.5

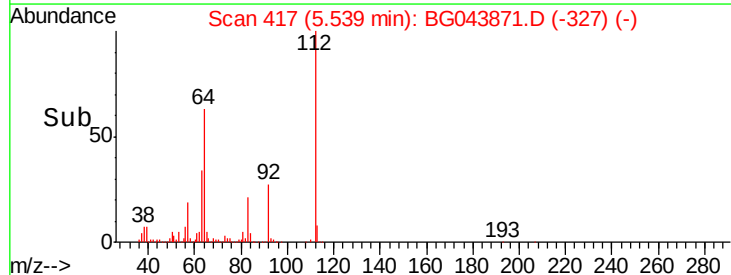
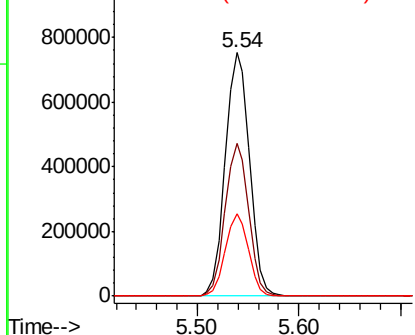


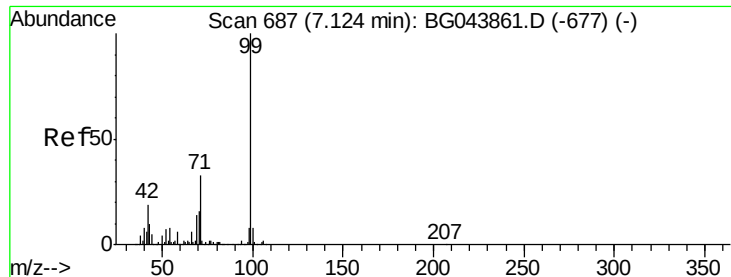
Abundance

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: 152.278 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043871.D

Acq: 2 Jan 2020 12:03

Instrument :

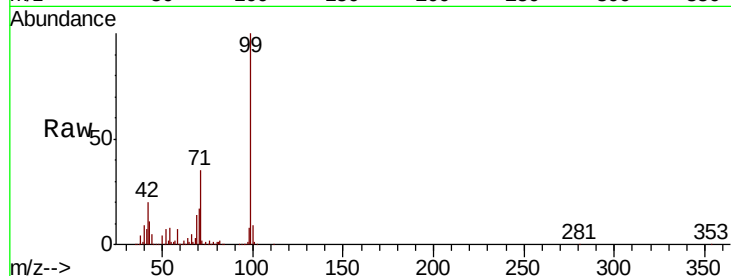
BNA_G

ClientSampleId :

PB125838BL

Tot Ion: 99 Resp: 1718047

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.9	22.3
71	34.9	26.4	39.6

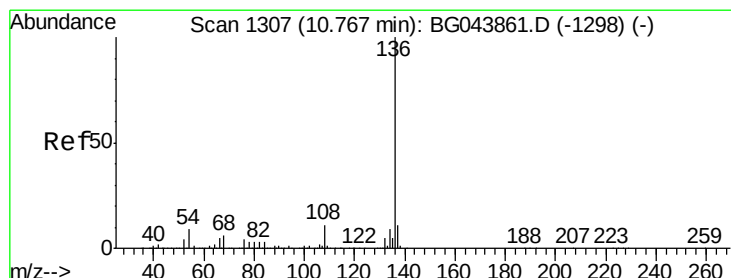
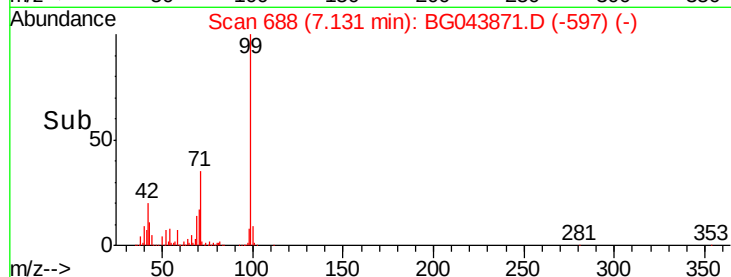
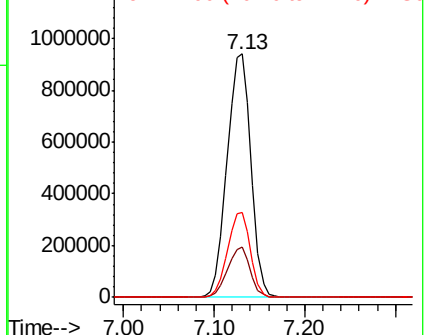


Abundance

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: 10.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG043871.D

Acq: 2 Jan 2020 12:03

Tgt Ion: 136 Resp: 632043

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.2	7.0	10.4
68	6.2	4.9	7.3

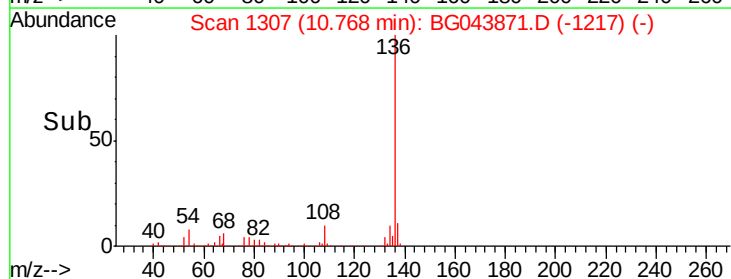
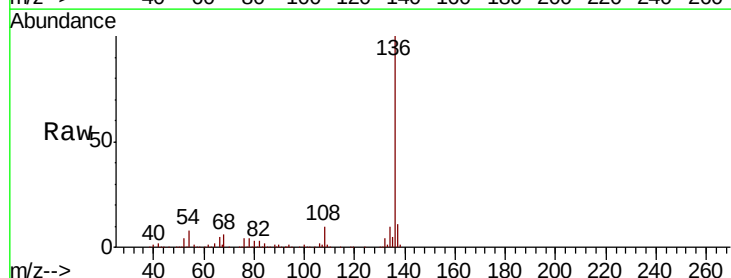
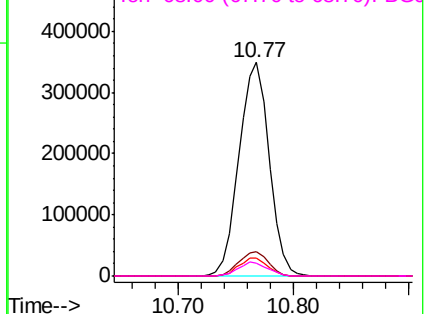
Abundance

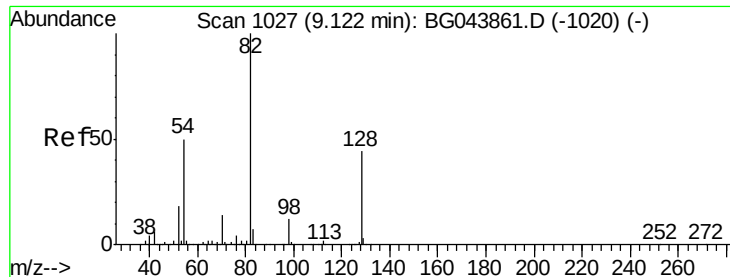
Ion 136.00 (135.70 to 136.70): BGC

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



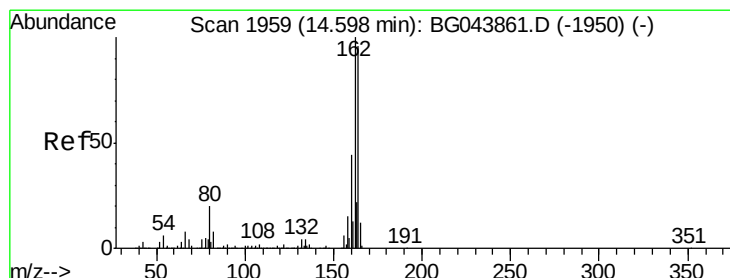
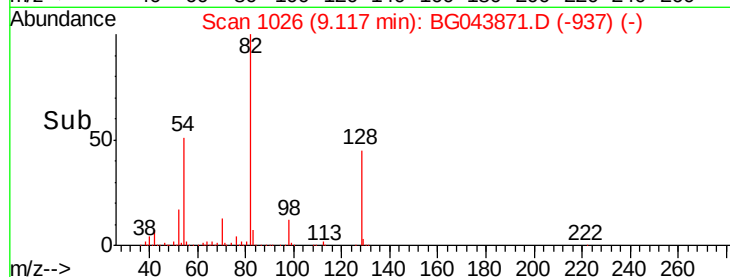
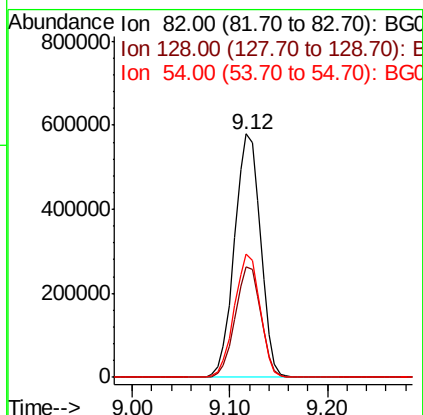
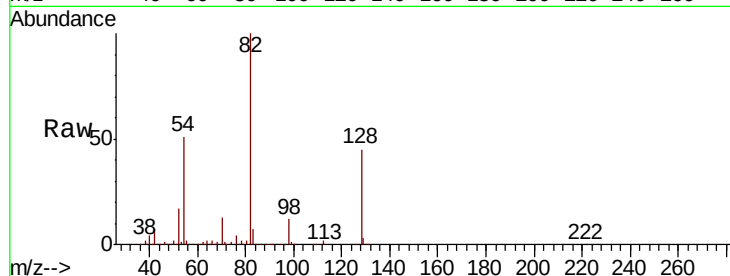


#23
 Nitrobenzene-d5
 Concen: 91.057 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043871.D
 Acq: 2 Jan 2020 12:03

Instrument :
 BNA_G
 ClientSampleId :
 PB125838BL

Tot Ion: 82 Resp: 1075822

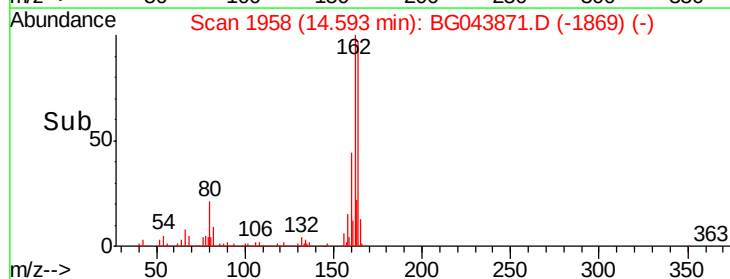
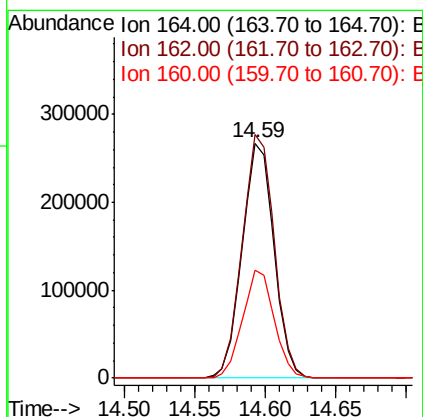
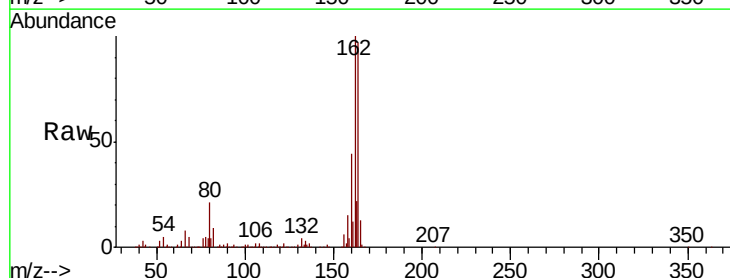
Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.1	52.7
54	50.7	40.1	60.1

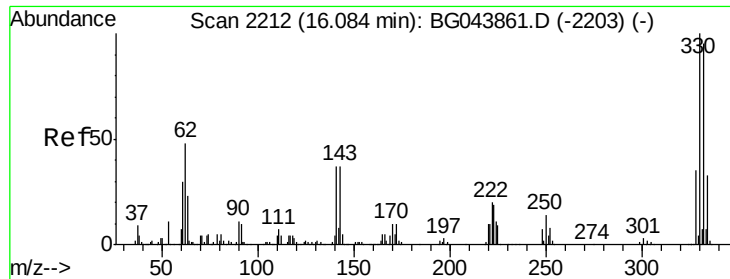


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG043871.D
 Acq: 2 Jan 2020 12:03

Tgt Ion: 164 Resp: 422159

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.0	124.4
160	45.7	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 156.068 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043871.D

Acq: 2 Jan 2020 12:03

Instrument :

BNA_G

ClientSampleId :

PB125838BL

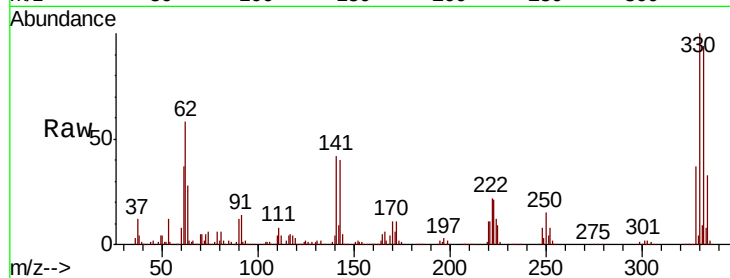
Tot Ion:330 Resp: 689477

Ion Ratio Lower Upper

330 100

332 95.4 77.2 115.8

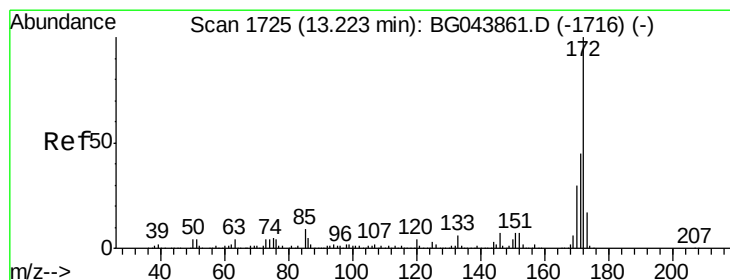
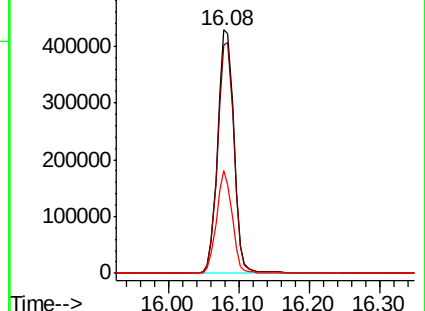
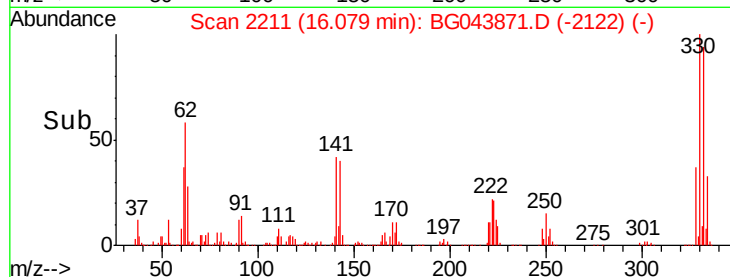
141 40.5 33.1 49.7



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: 95.552 ng

RT: 13.22 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG043871.D

Acq: 2 Jan 2020 12:03

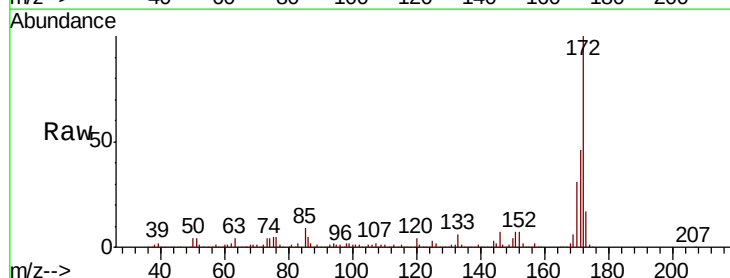
Tgt Ion:172 Resp: 2226459

Ion Ratio Lower Upper

172 100

171 45.5 35.8 53.8

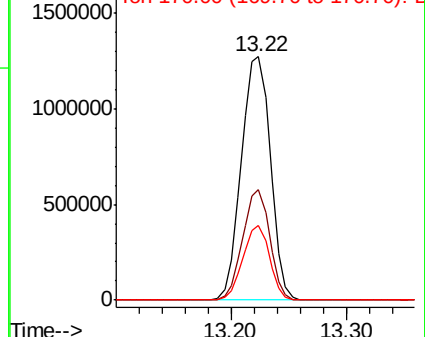
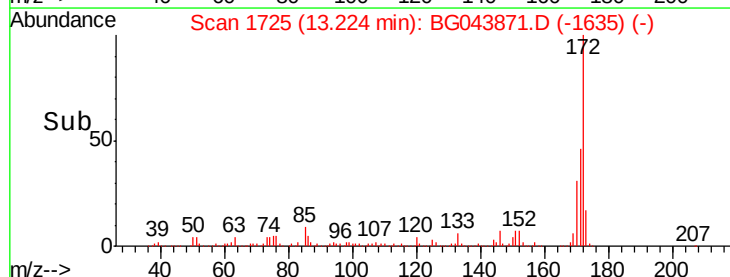
170 30.5 24.2 36.4

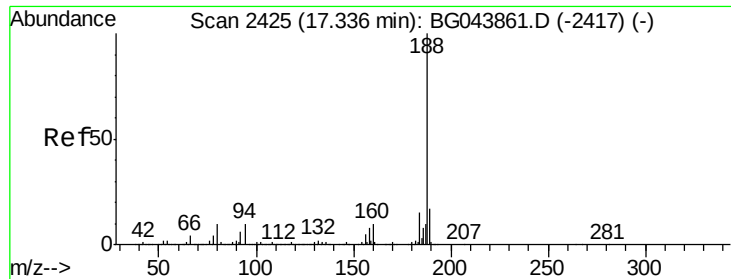


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

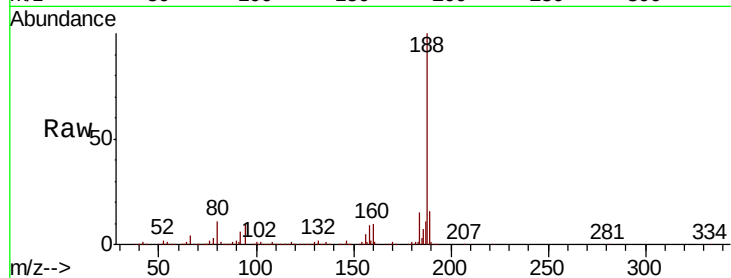




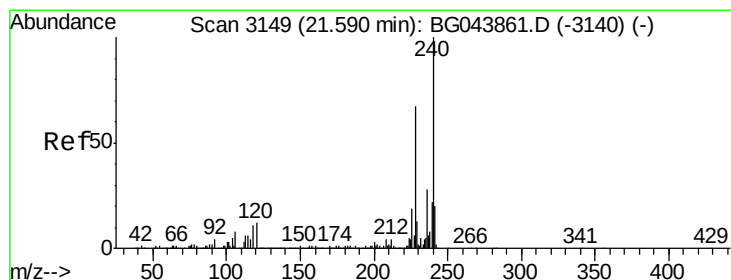
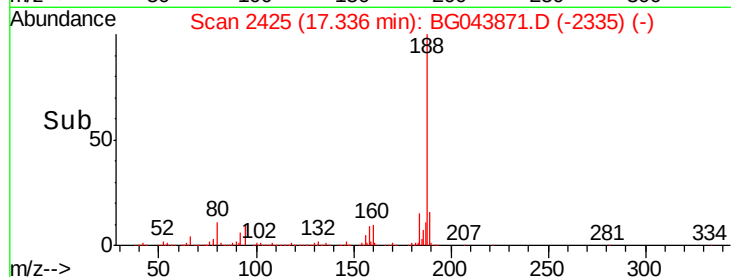
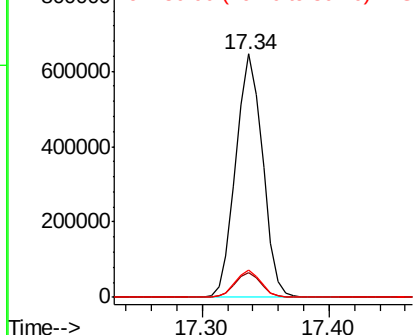
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043871.D
Acq: 2 Jan 2020 12:03

Instrument :
BNA_G
ClientSampleId :
PB125838BL

Tot Ion:188 Resp: 947191
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 11.0 8.2 12.4

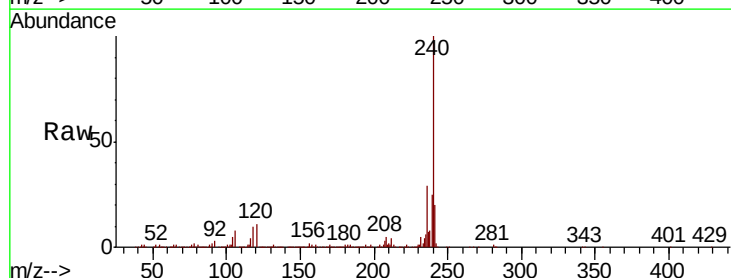


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

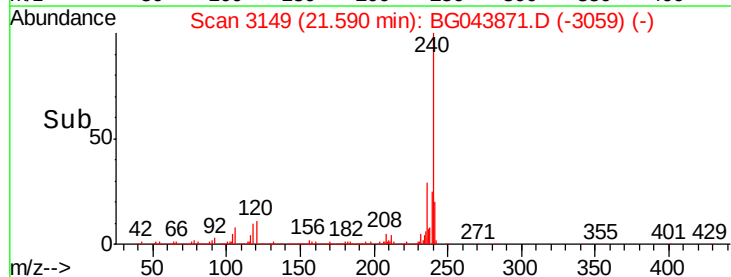
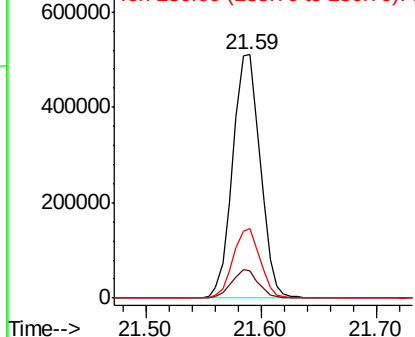


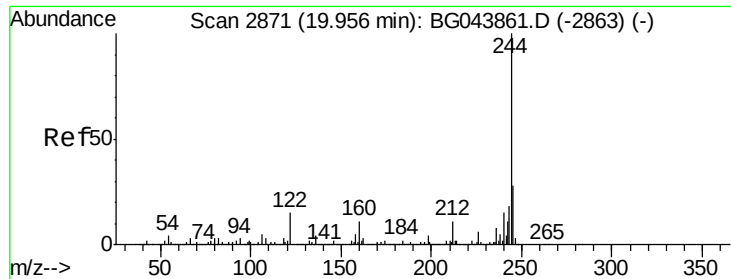
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG043871.D
Acq: 2 Jan 2020 12:03

Tgt Ion:240 Resp: 847303
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 28.6 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: 89.902 ng

RT: 19.96 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BG043871.D

Acq: 2 Jan 2020 12:03

Instrument :

BNA_G

ClientSampleId :

PB125838BL

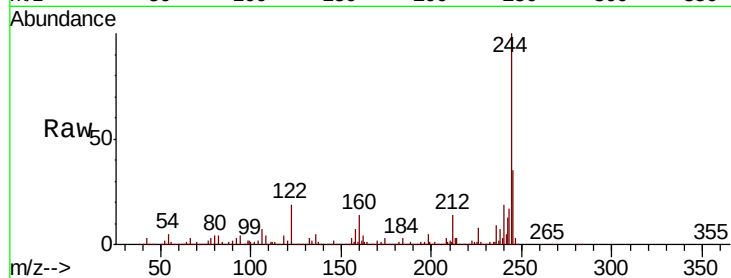
Tot Ion:244 Resp: 3112145

Ion Ratio Lower Upper

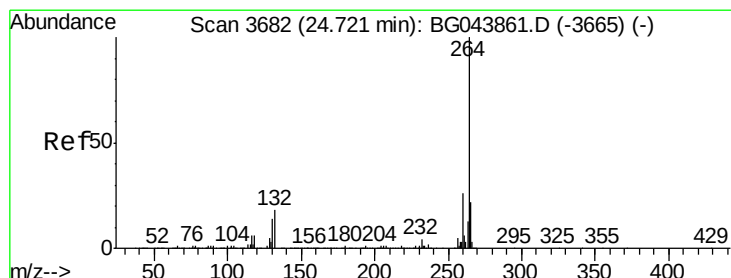
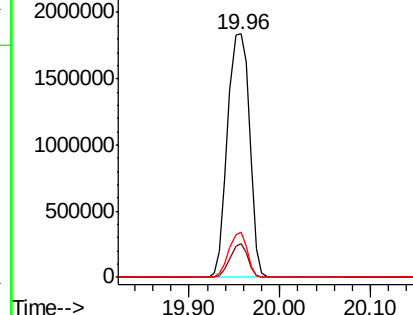
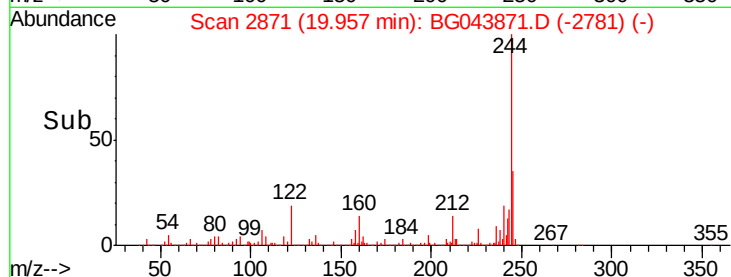
244 100

212 13.9 8.6 13.0#

122 18.7 11.9 17.9#



Abundance Ion 244.00 (243.70 to 244.70): E
2500000
Ion 212.00 (211.70 to 212.70): E
2000000
Ion 122.00 (121.70 to 122.70): E
1500000
1000000
500000
0



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043871.D

Acq: 2 Jan 2020 12:03

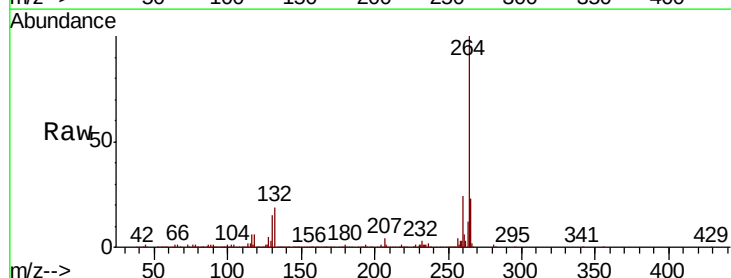
Tgt Ion:264 Resp: 941375

Ion Ratio Lower Upper

264 100

260 24.0 20.4 30.6

265 23.0 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
400000
Ion 260.00 (259.70 to 260.70): E
300000
Ion 265.00 (264.70 to 265.70): E
200000
100000
0

