

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043883.D
 Acq On : 3 Jan 2020 11:33
 Operator : JU
 Sample : PB125861BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125861BL

Quant Time: Jan 03 12:52:51 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	134772	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	572795	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	376841	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	890141	20.00	ng	0.00
76) Chrysene-d12	21.58	240	830138	20.00	ng	0.00
87) Perylene-d12	24.72	264	919478	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1070262	145.81	ng	0.00
7) Phenol-d6	7.12	99	1487094	144.94	ng	0.00
23) Nitrobenzene-d5	9.12	82	881501	82.33	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	559631	141.91	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1917409	92.18	ng	0.00
79) Terphenyl-d14	19.95	244	2879240	83.14	ng	0.00

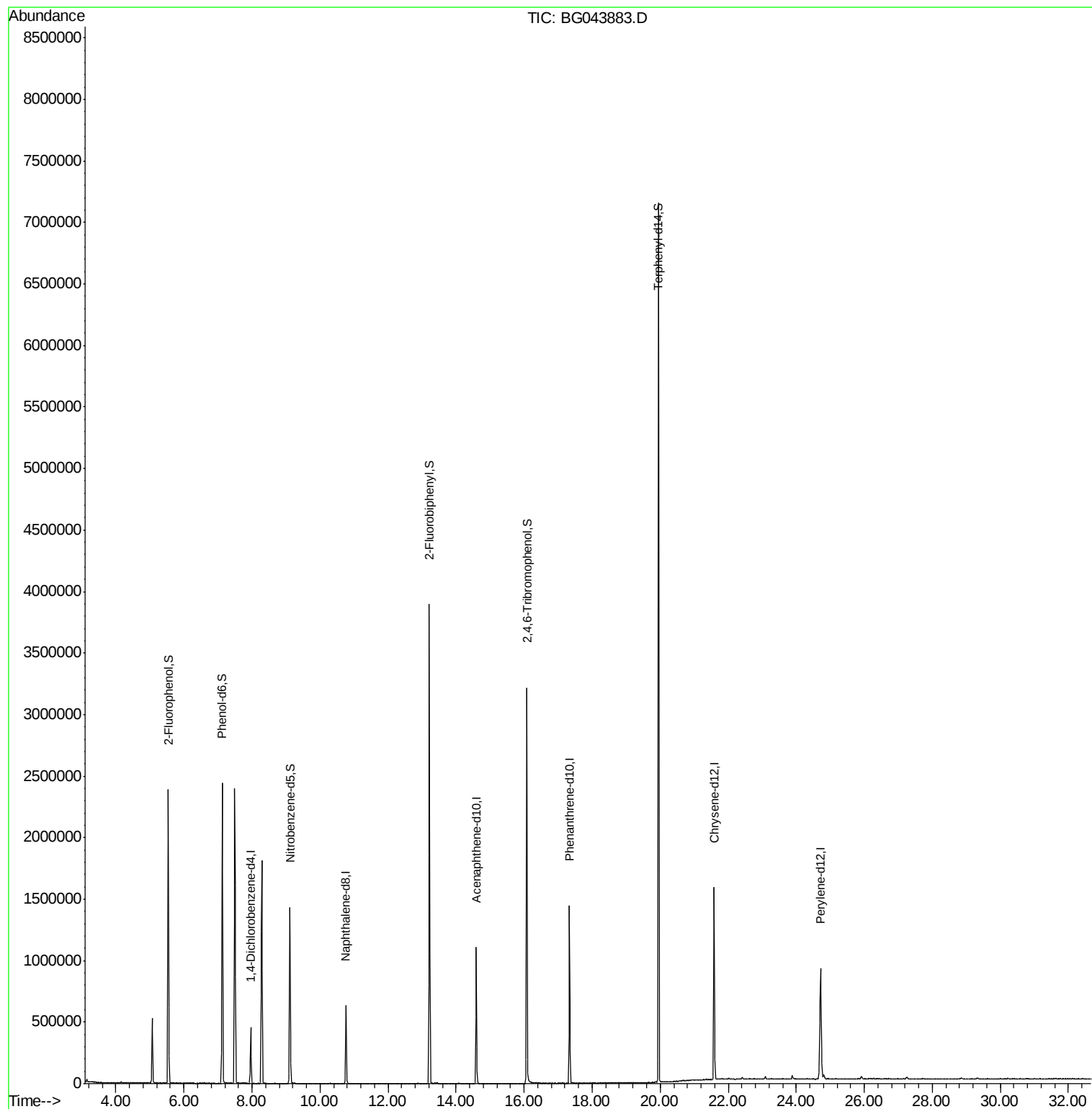
Target Compounds Qvalue

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

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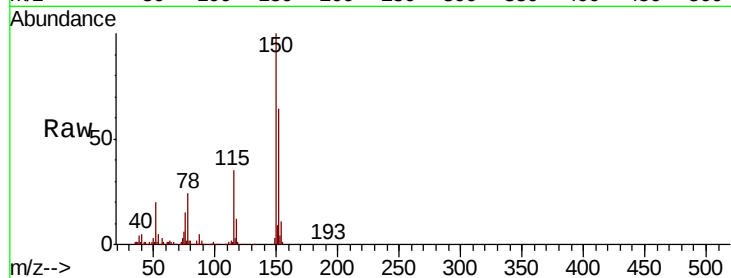


#1

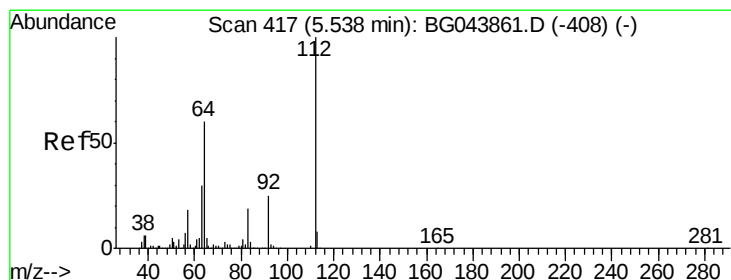
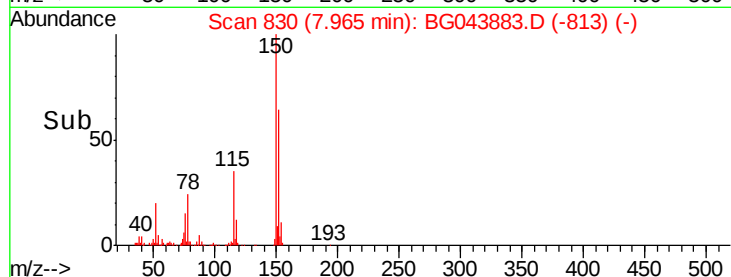
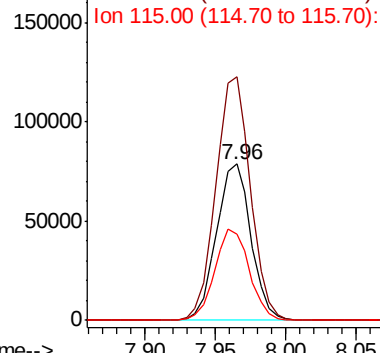
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043883.D
Acq: 3 Jan 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB125861BL

Tot Ion:152 Resp: 134772
Ion Ratio Lower Upper
152 100
150 155.6 127.0 190.4
115 54.9 47.8 71.8



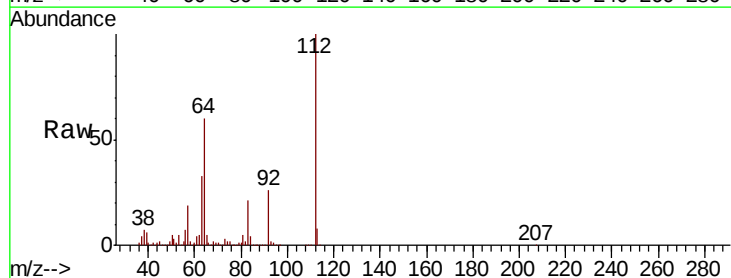
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



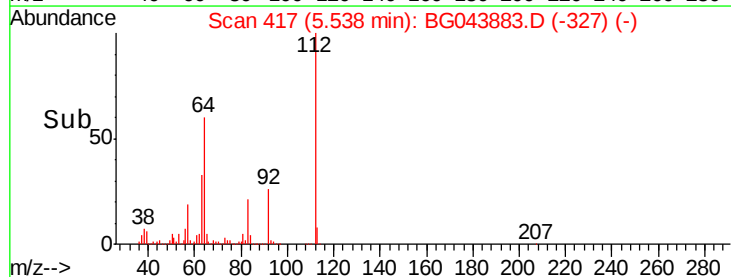
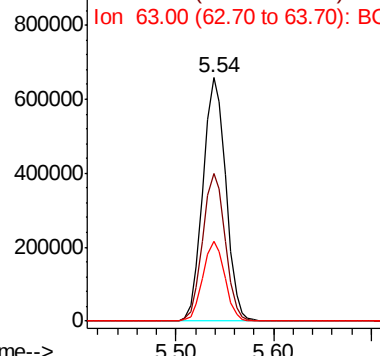
#5

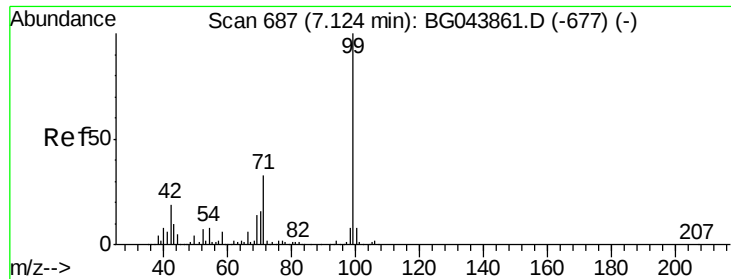
2-Fluorophenol
Concen: 145.811 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043883.D
Acq: 3 Jan 2020 11:33

Tgt Ion:112 Resp: 1070262
Ion Ratio Lower Upper
112 100
64 60.4 47.8 71.6
63 32.9 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: 144.940 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043883.D

Acq: 3 Jan 2020 11:33

Instrument :

BNA_G

ClientSampled :

PB125861BL

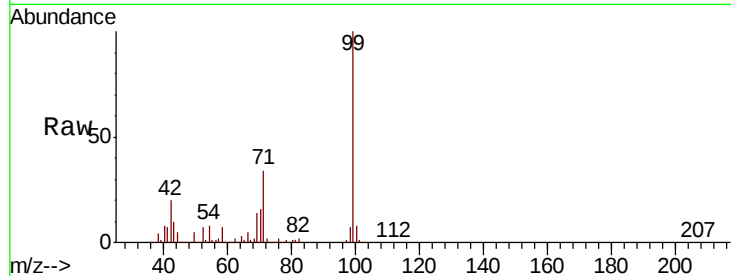
Tot Ion: 99 Resp: 1487094

Ion Ratio Lower Upper

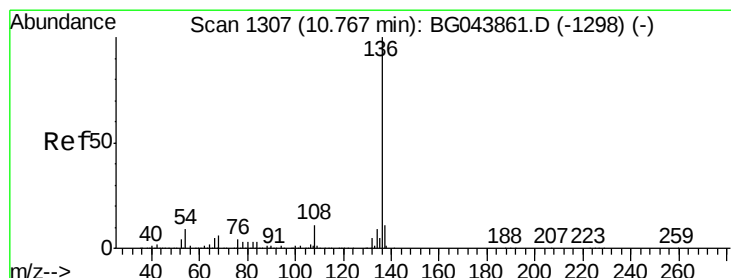
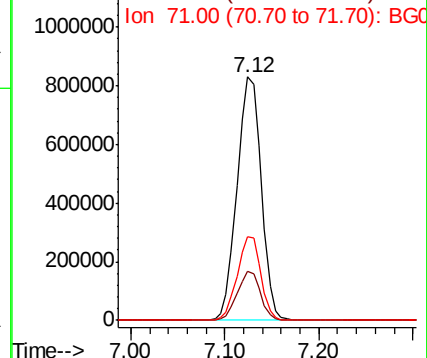
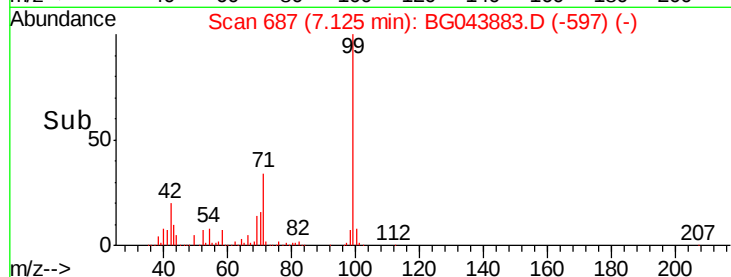
99 100

42 20.1 14.9 22.3

71 34.2 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: BG043883.D

Acq: 3 Jan 2020 11:33

Tgt Ion: 136 Resp: 572795

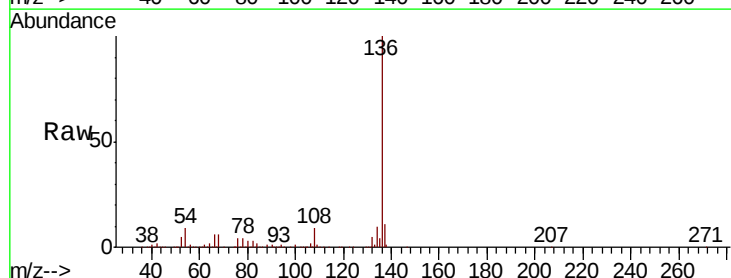
Ion Ratio Lower Upper

136 100

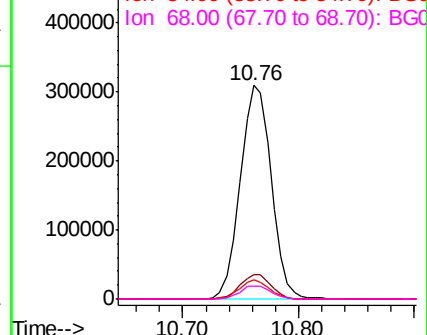
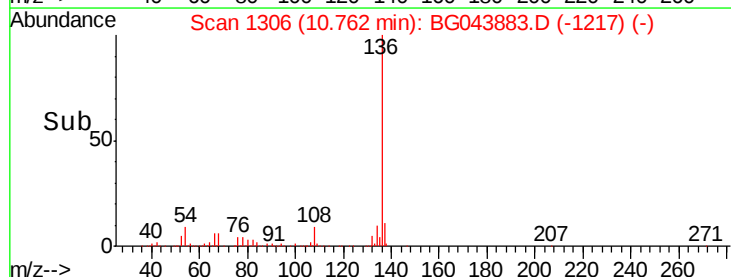
137 11.4 8.8 13.2

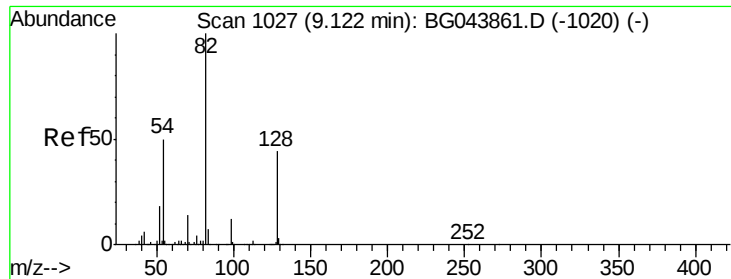
54 8.8 7.0 10.4

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

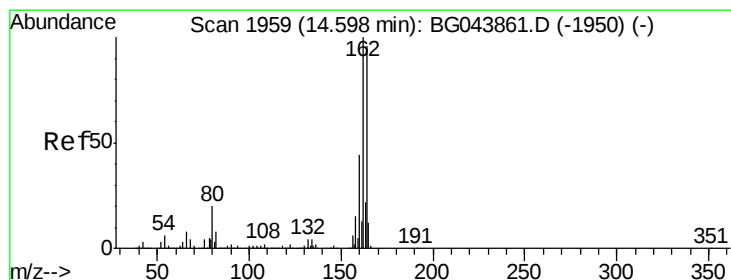
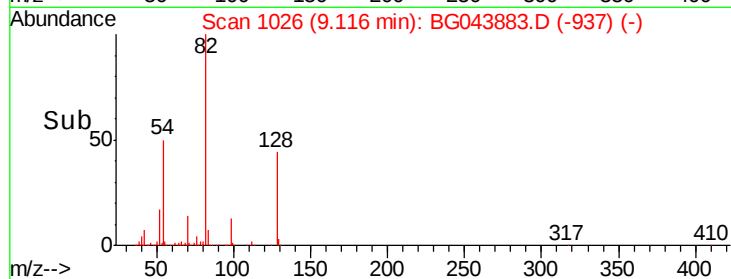
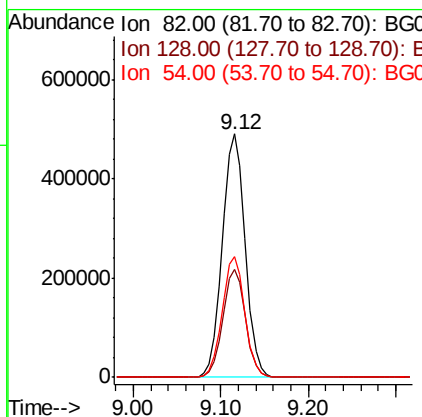
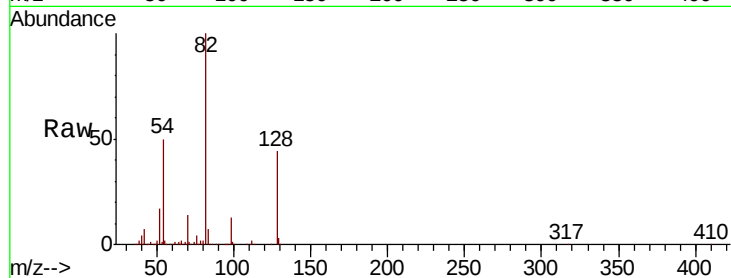




#23
 Nitrobenzene-d5
 Concen: 82.327 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043883.D
 Acq: 3 Jan 2020 11:33

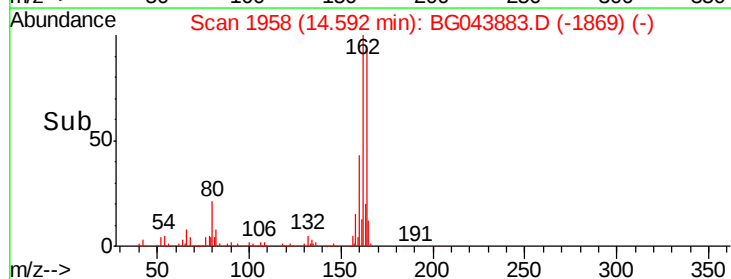
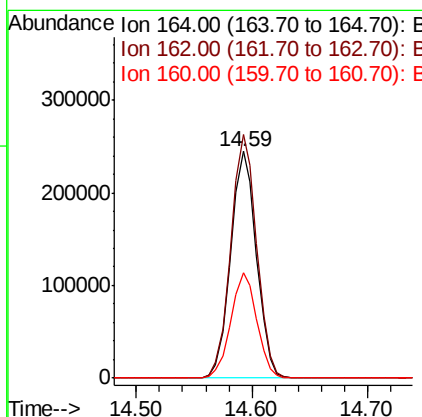
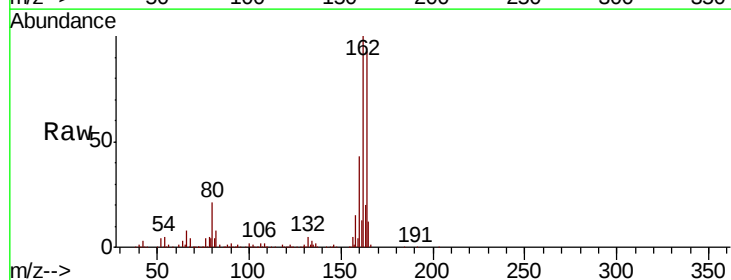
Instrument :
 BNA_G
 ClientSampleId :
 PB125861BL

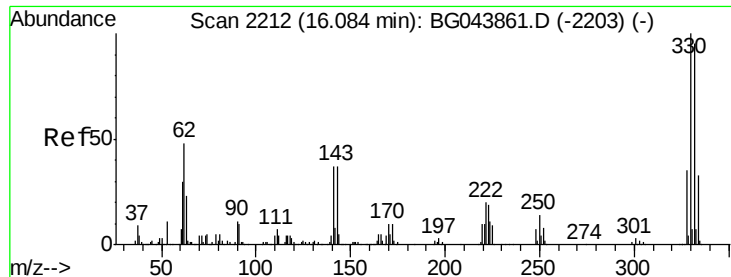
Tot Ion	82	Resp	881501
Ion Ratio	Lower	Upper	
82	100		
128	44.4	35.1	52.7
54	49.6	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG043883.D
 Acq: 3 Jan 2020 11:33

Tgt Ion	164	Resp	376841
Ion Ratio	Lower	Upper	
164	100		
162	107.4	83.0	124.4
160	46.7	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 141.910 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043883.D

Acq: 3 Jan 2020 11:33

Instrument :

BNA_G

ClientSampleId :

PB125861BL

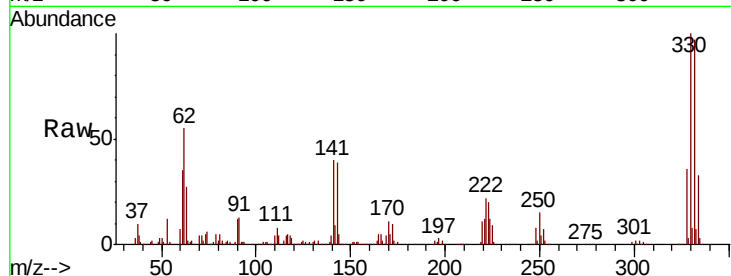
Tot Ion:330 Resp: 559631

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

141 40.3 33.1 49.7

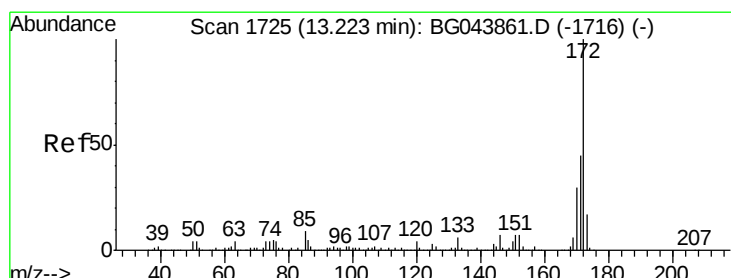
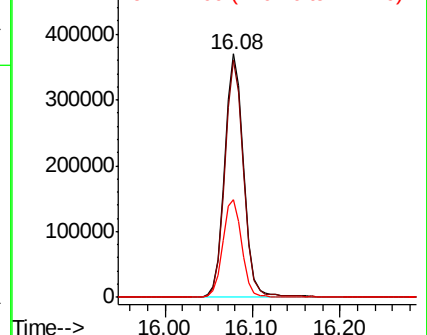
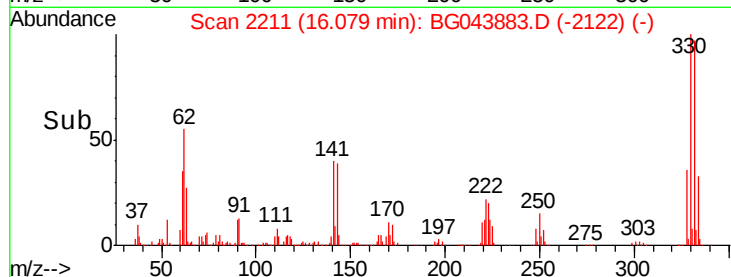


Abundance

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: 92.185 ng

RT: 13.22 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BG043883.D

Acq: 3 Jan 2020 11:33

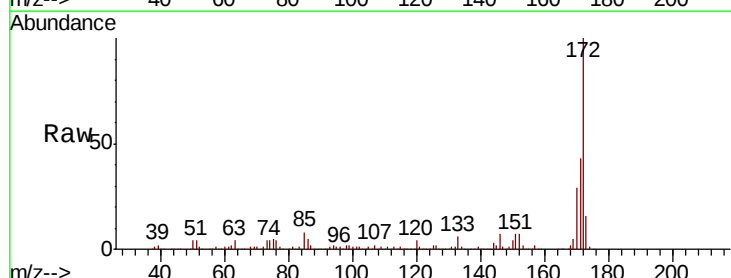
Tgt Ion:172 Resp: 1917409

Ion Ratio Lower Upper

172 100

171 42.6 35.8 53.8

170 28.9 24.2 36.4

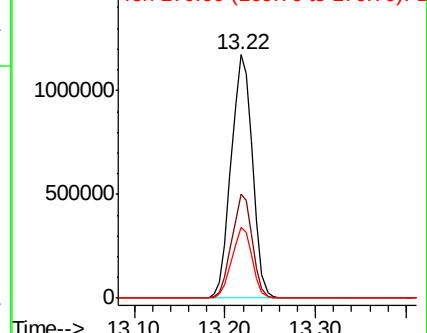
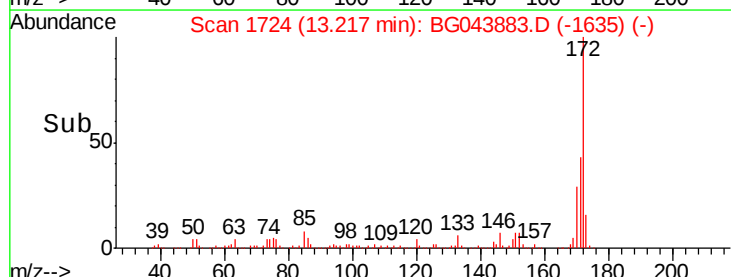


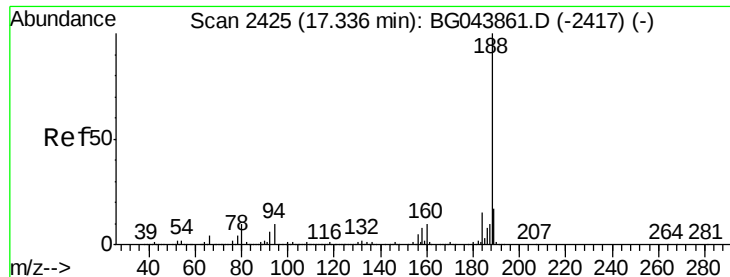
Abundance

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

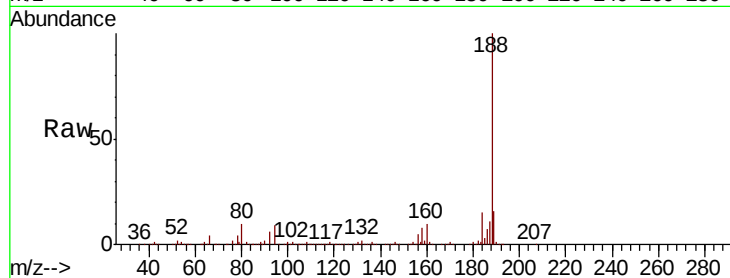




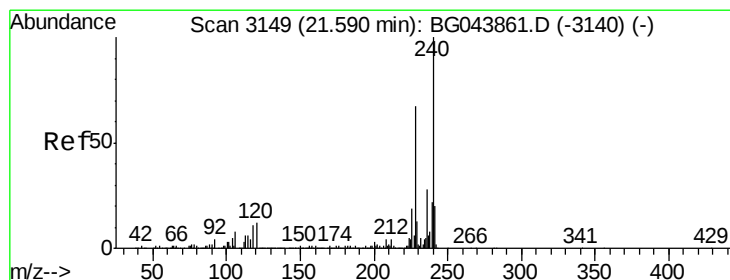
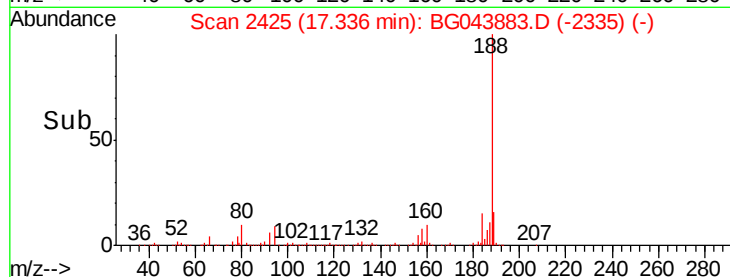
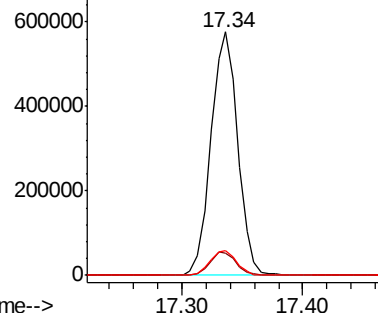
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043883.D
Acq: 3 Jan 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB125861BL

Tot Ion:188 Resp: 890141
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 10.2 8.2 12.4

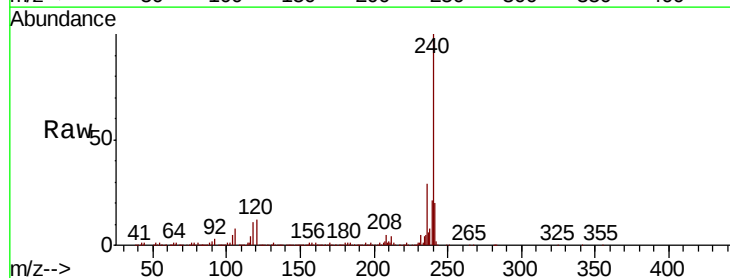


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

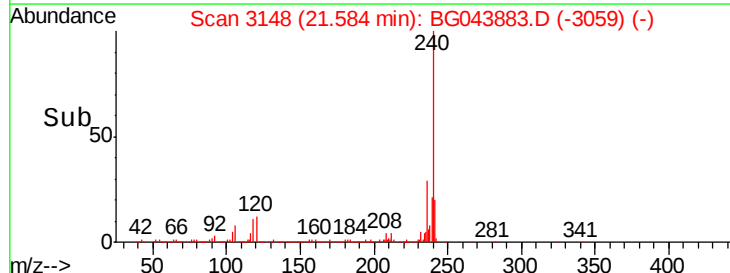
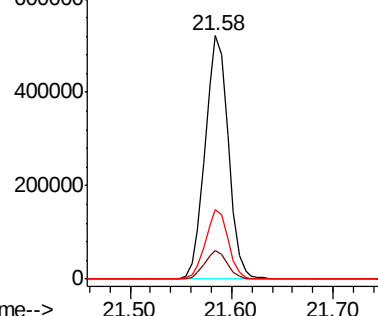


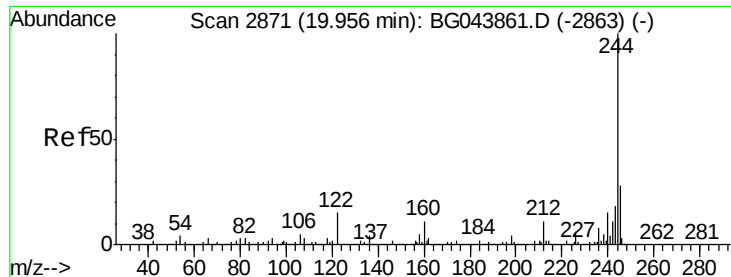
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG043883.D
Acq: 3 Jan 2020 11:33

Tgt Ion:240 Resp: 830138
Ion Ratio Lower Upper
240 100
120 11.8 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



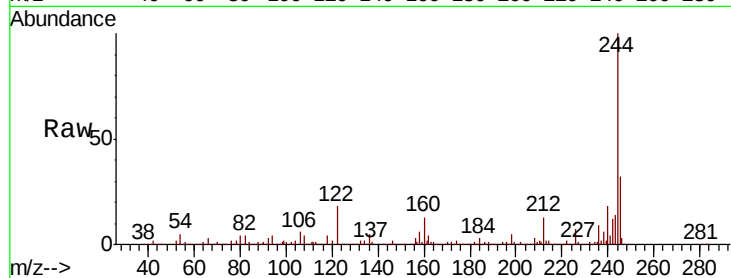


#79
 Terphenyl-d14
 Concen: 83.139 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BG043883.D
 Acq: 3 Jan 2020 11:33

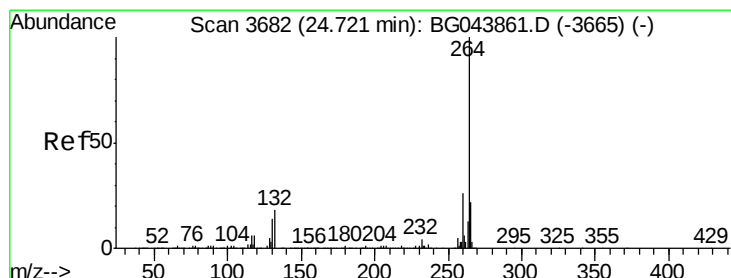
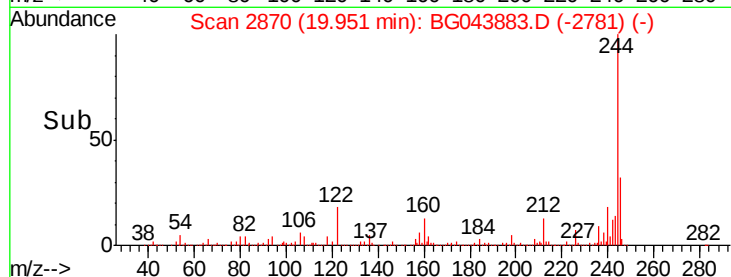
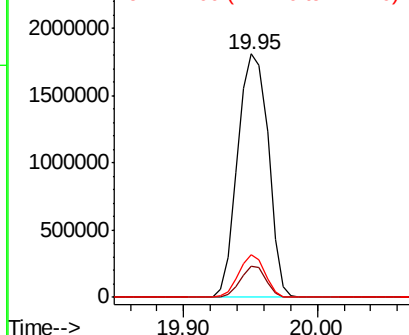
Instrument :
 BNA_G
 ClientSampleId :
 PB125861BL

Tot Ion:244 Resp: 2879240

Ion	Ratio	Lower	Upper
244	100		
212	12.7	8.6	13.0
122	17.7	11.9	17.9



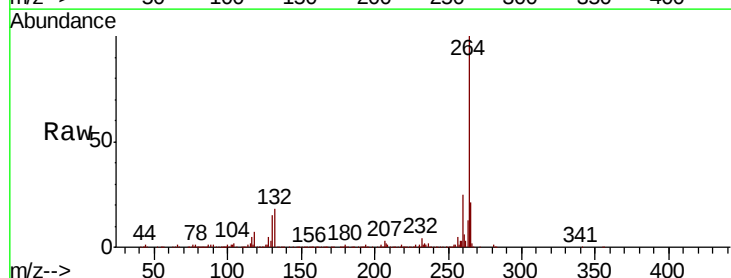
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.72 min Scan# 3681
 Delta R.T. -0.01 min
 Lab File: BG043883.D
 Acq: 3 Jan 2020 11:33

Tgt Ion:264 Resp: 919478

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.4	30.6
265	21.5	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

