

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043913.D
 Acq On : 4 Jan 2020 8:59
 Operator : JU
 Sample : PB125896BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125896BL

Quant Time: Jan 06 05:31:06 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	122784	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	536009	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	367791	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	804592	20.00	ng	0.00
76) Chrysene-d12	21.58	240	702729	20.00	ng	0.00
87) Perylene-d12	24.72	264	769645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	488951	73.12	ng	0.00
7) Phenol-d6	7.12	99	474968	50.81	ng	0.00
23) Nitrobenzene-d5	9.12	82	907505	90.57	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	412825	107.26	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2008182	98.92	ng	0.00
79) Terphenyl-d14	19.95	244	2609348	91.26	ng	0.00

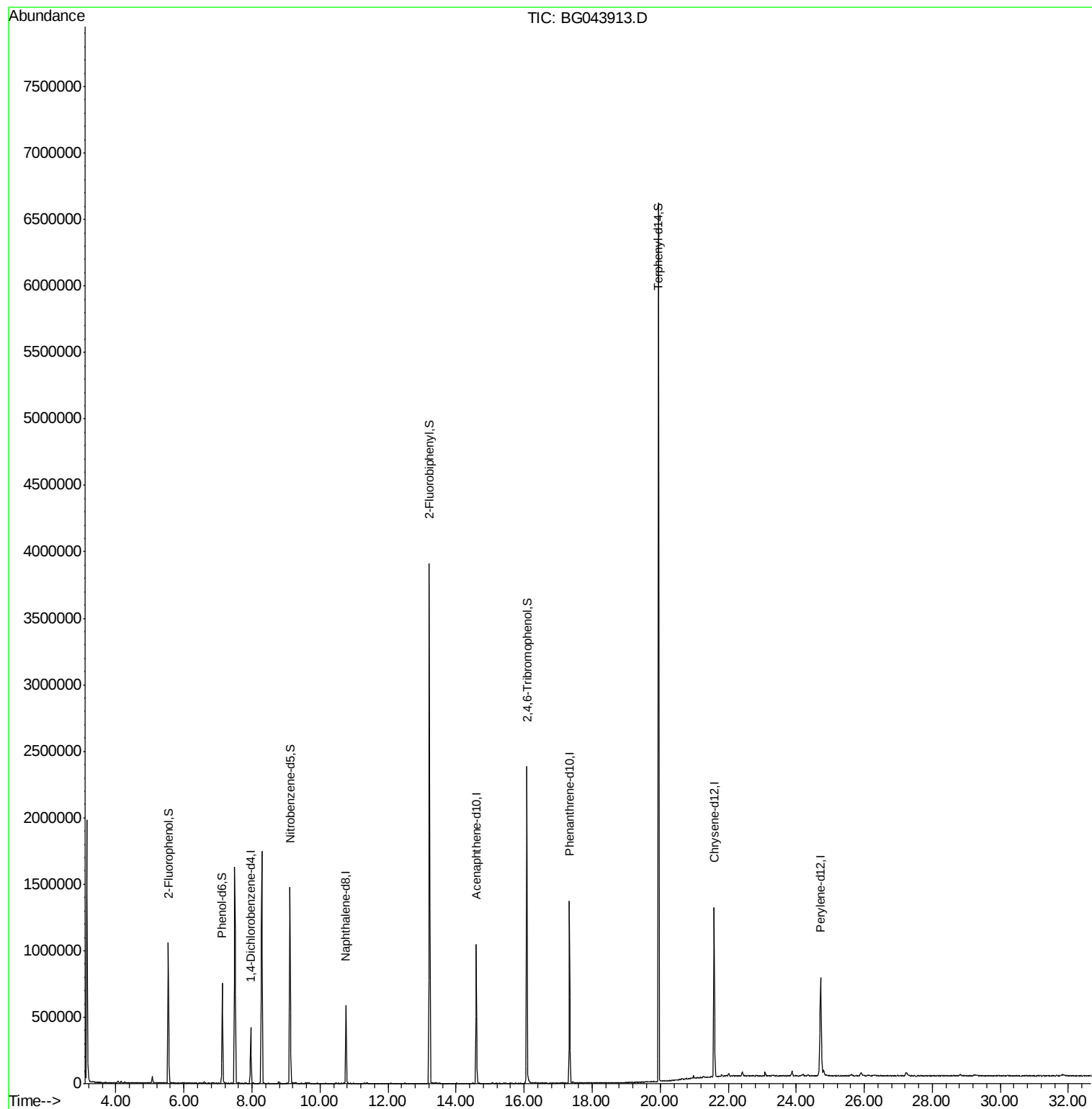
Target Compounds Qvalue

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

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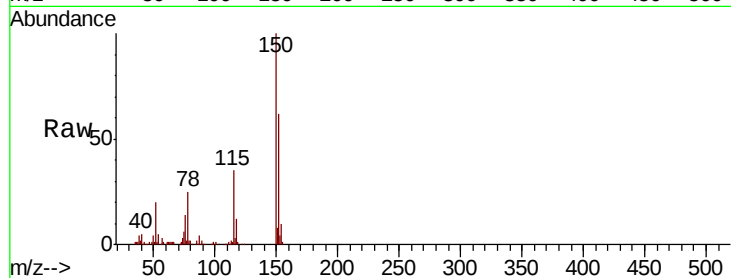


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043913.D
Acq: 4 Jan 2020 8:59

Instrument :
BNA_G
ClientSampleId :
PB125896BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	127.0	190.4
115	56.1	47.8	71.8

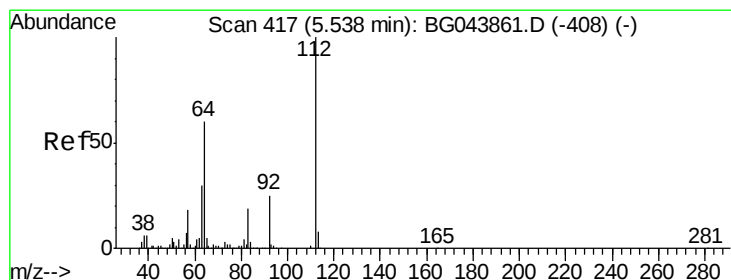
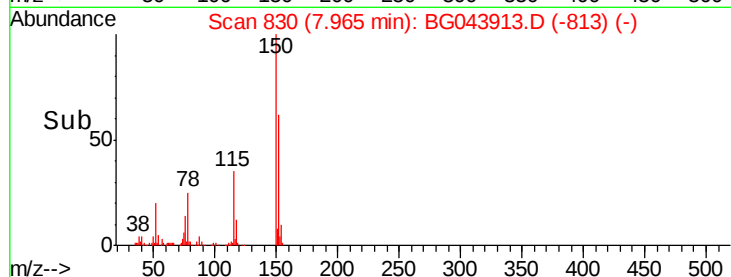
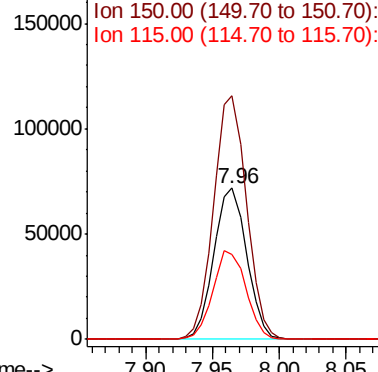


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

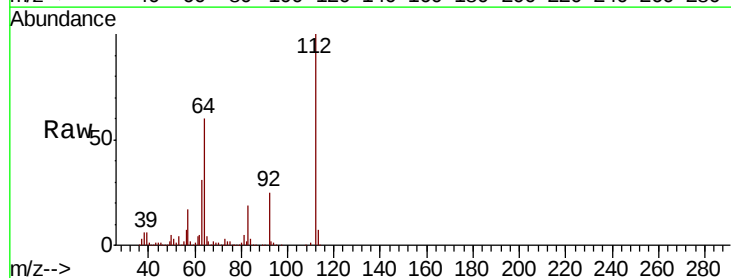
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 73.118 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043913.D
Acq: 4 Jan 2020 8:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.8	71.6
63	31.2	24.3	36.5

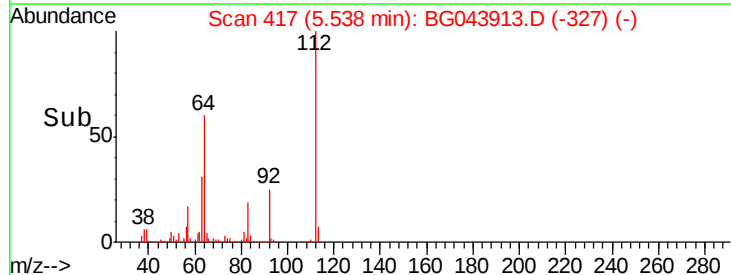
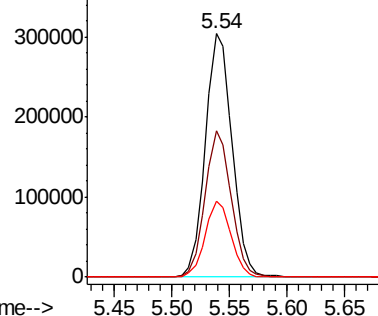


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 50.813 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043913.D

Acq: 4 Jan 2020 8:59

Instrument :

BNA_G

ClientSampleId :

PB125896BL

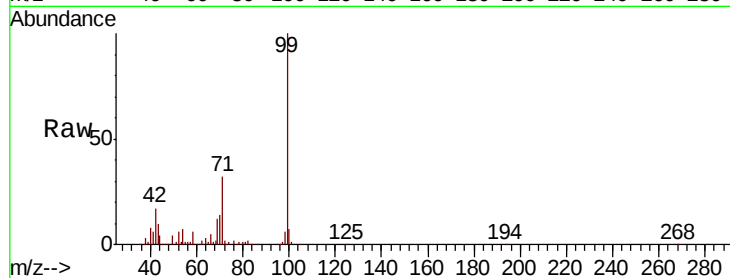
Tot Ion: 99 Resp: 474968

Ion Ratio Lower Upper

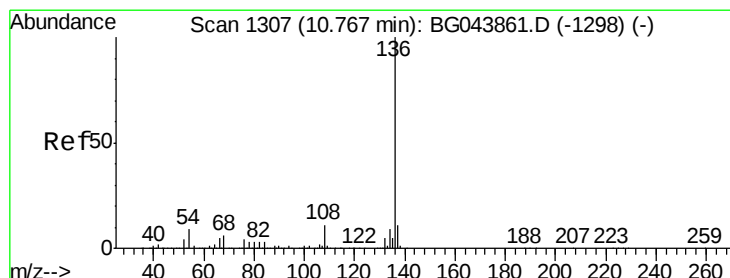
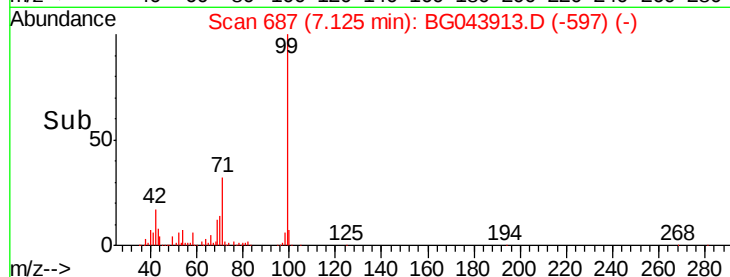
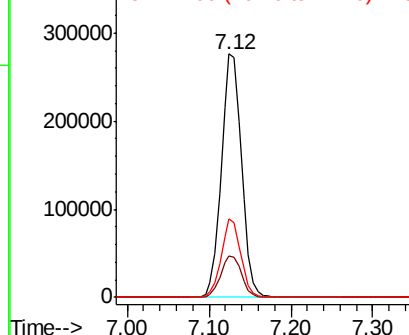
99 100

42 17.2 14.9 22.3

71 32.1 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: 10.76 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG043913.D

Acq: 4 Jan 2020 8:59

Tgt Ion: 136 Resp: 536009

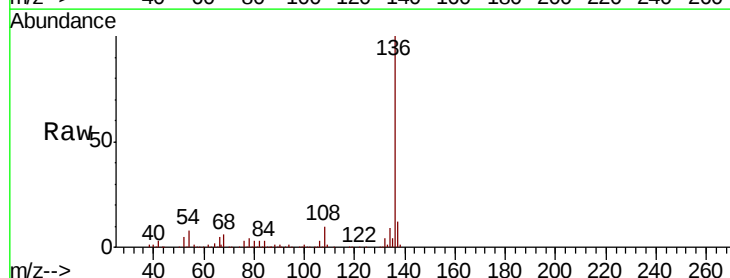
Ion Ratio Lower Upper

136 100

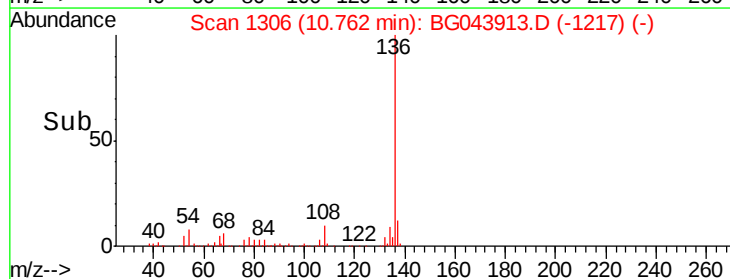
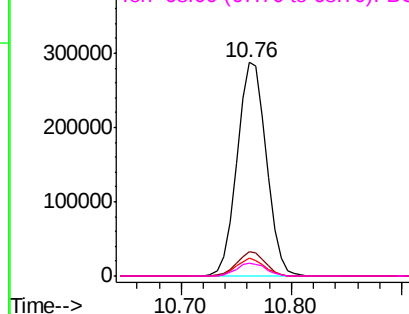
137 11.6 8.8 13.2

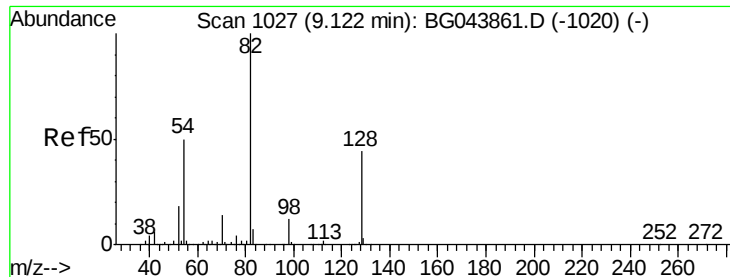
54 8.4 7.0 10.4

68 6.1 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

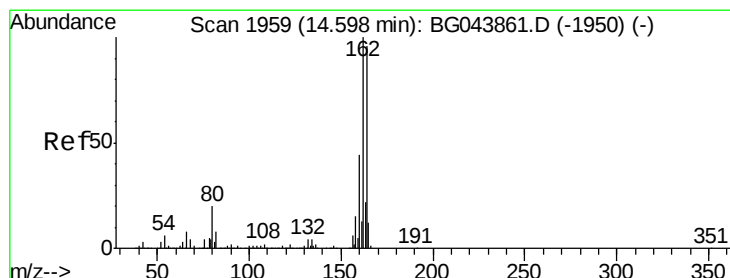
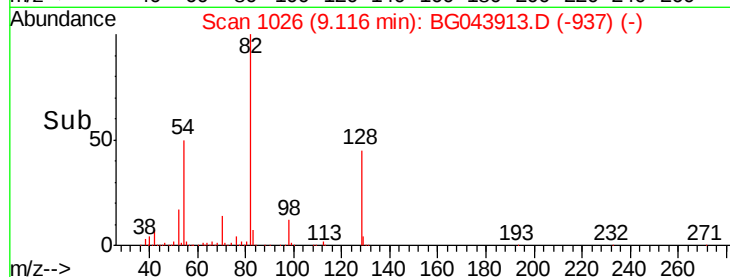
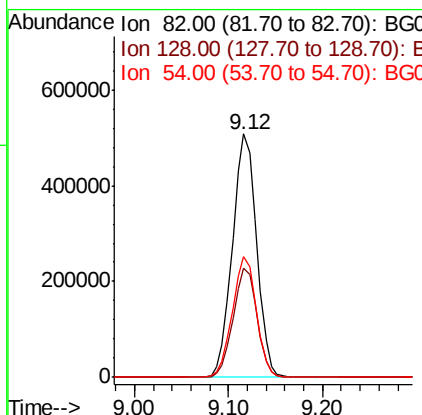
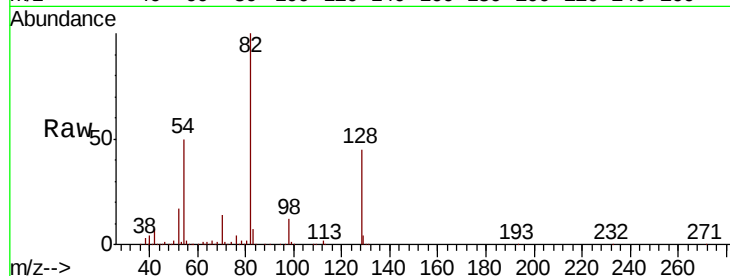




#23
 Nitrobenzene-d5
 Concen: 90.573 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043913.D
 Acq: 4 Jan 2020 8:59

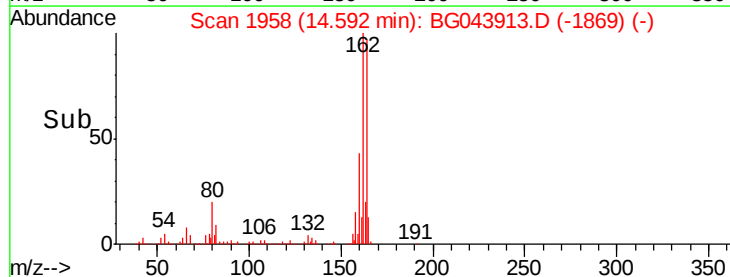
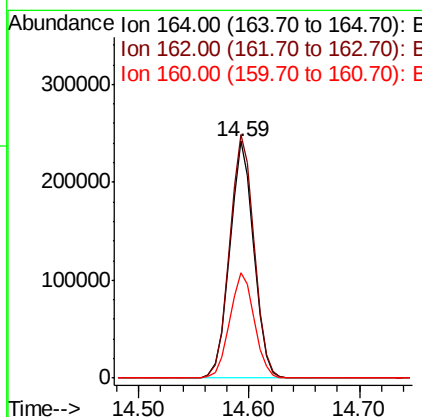
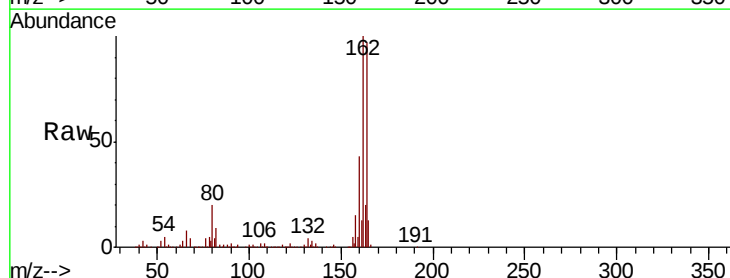
Instrument :
 BNA_G
 ClientSampleId :
 PB125896BL

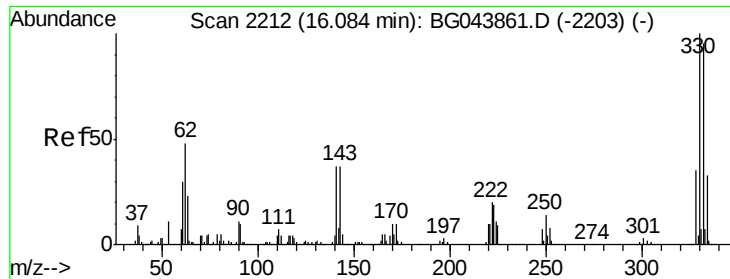
Tot Ion	82	Resp	907505
Ion Ratio	Lower	Upper	
82	100		
128	44.8	35.1	52.7
54	49.7	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG043913.D
 Acq: 4 Jan 2020 8:59

Tgt Ion	164	Resp	367791
Ion Ratio	Lower	Upper	
164	100		
162	102.8	83.0	124.4
160	44.3	36.1	54.1

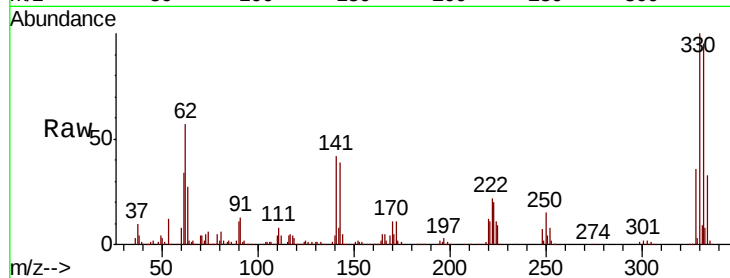




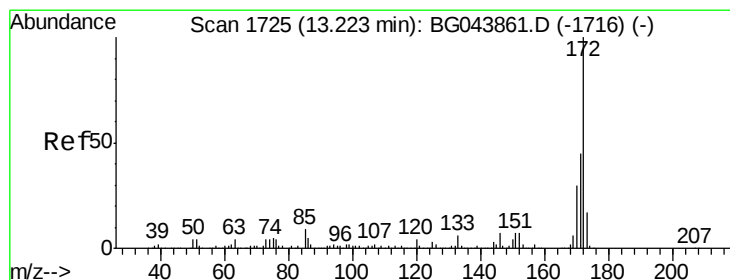
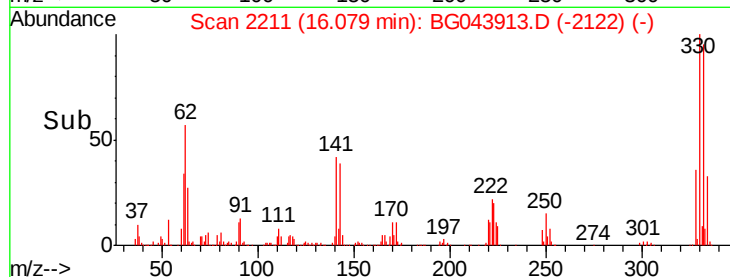
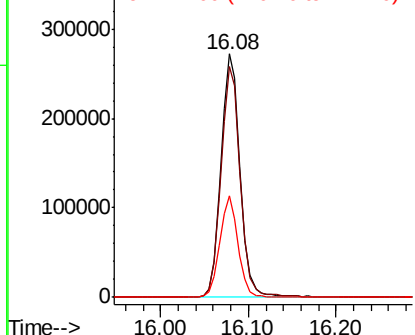
#42
 2,4,6-Tribromophenol
 Concen: 107.259 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: BG043913.D
 Acq: 4 Jan 2020 8:59

Instrument :
 BNA_G
 ClientSampleId :
 PB125896BL

Tot Ion:330 Resp: 412825
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.2 115.8
 141 40.0 33.1 49.7

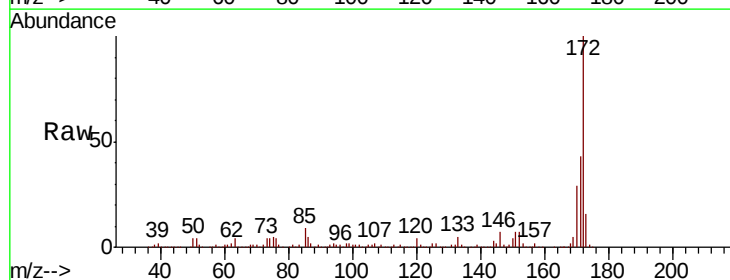


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

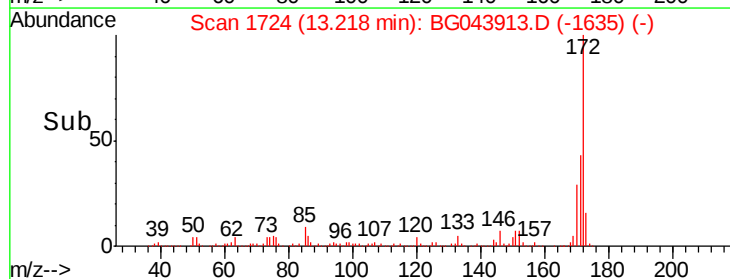
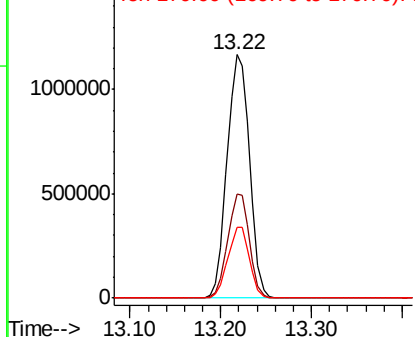


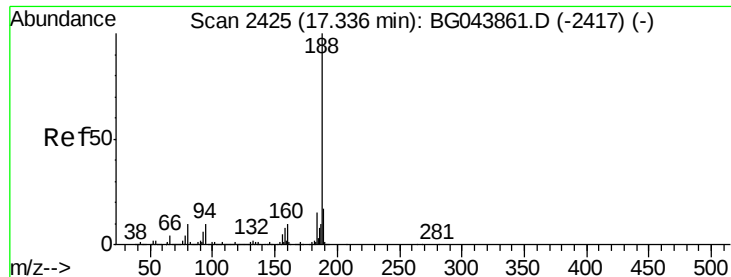
#45
 2-Fluorobiphenyl
 Concen: 98.925 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG043913.D
 Acq: 4 Jan 2020 8:59

Tgt Ion:172 Resp: 2008182
 Ion Ratio Lower Upper
 172 100
 171 42.8 35.8 53.8
 170 29.2 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: BG043913.D

Acq: 4 Jan 2020 8:59

Instrument :

BNA_G

ClientSampleId :

PB125896BL

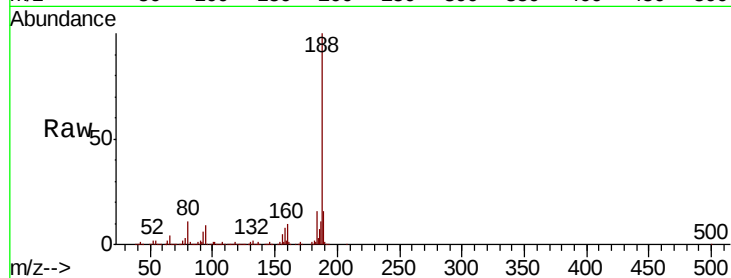
Tot Ion:188 Resp: 804592

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

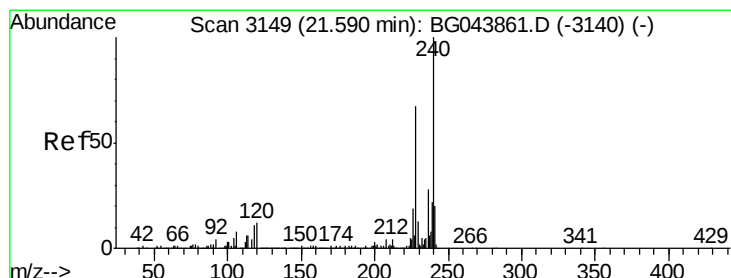
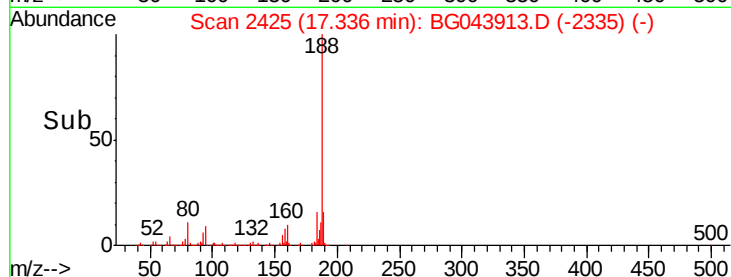
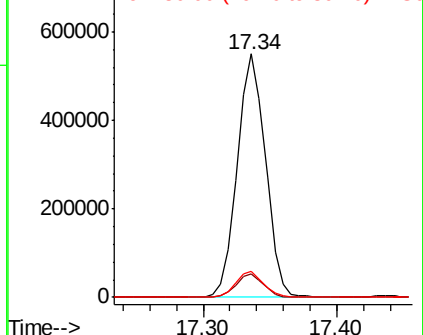
80 10.9 8.2 12.4



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# 3148

Delta R.T. -0.01 min

Lab File: BG043913.D

Acq: 4 Jan 2020 8:59

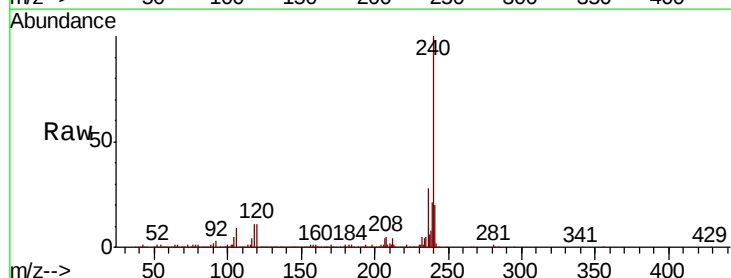
Tgt Ion:240 Resp: 702729

Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

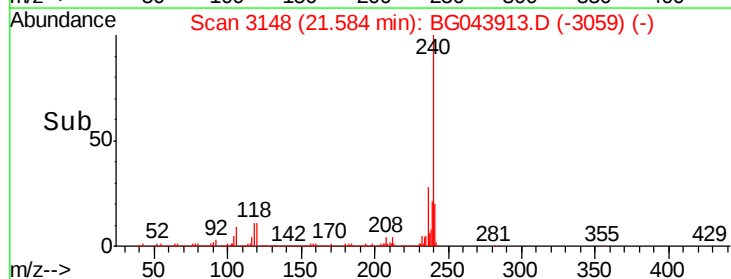
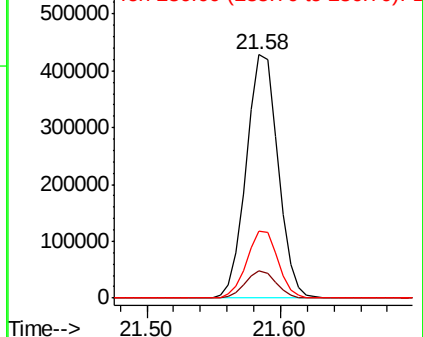
236 27.6 22.2 33.2

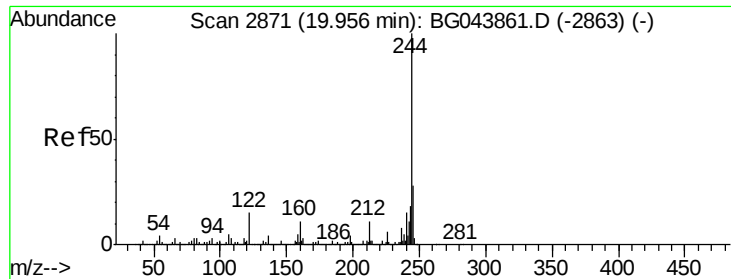


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.258 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043913.D

Acq: 4 Jan 2020 8:59

Instrument :

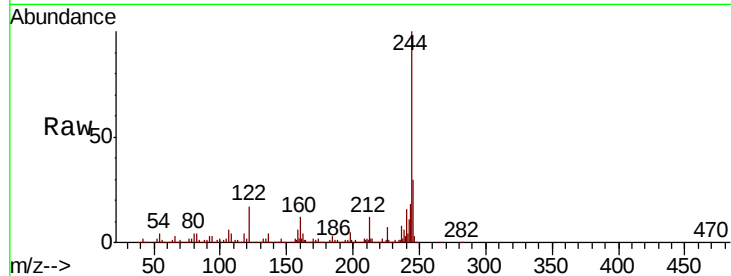
BNA_G

ClientSampleId :

PB125896BL

Tot Ion:244 Resp: 2609348

Ion	Ratio	Lower	Upper
244	100		
212	12.0	8.6	13.0
122	16.6	11.9	17.9

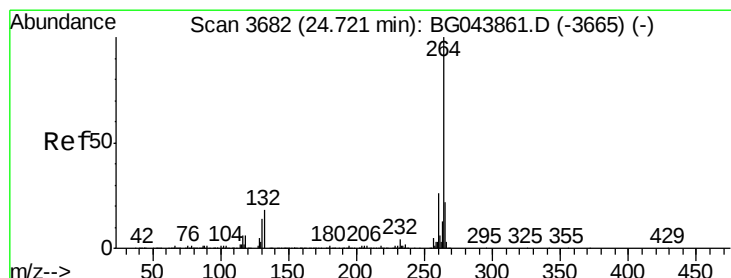
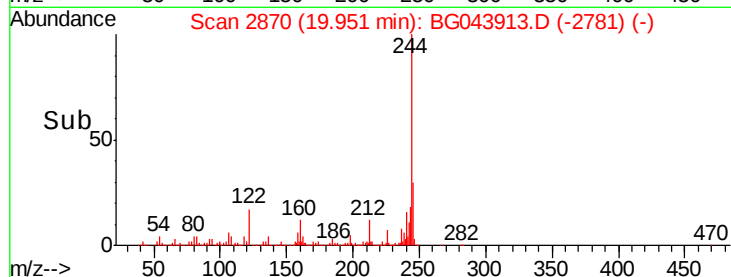
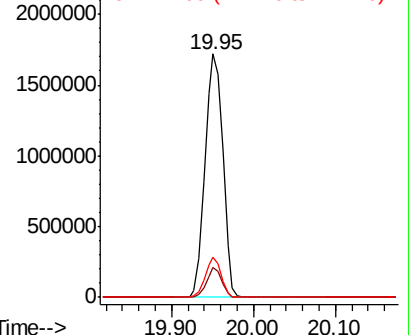


Abundance

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

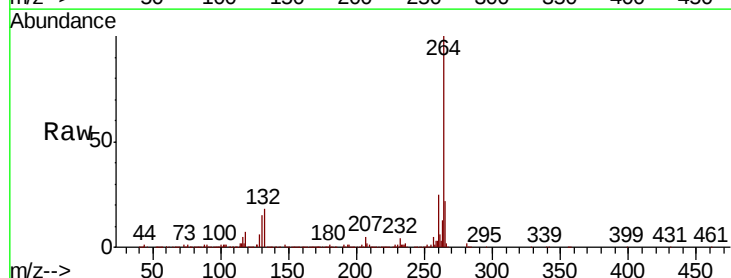
Delta R.T. -0.01 min

Lab File: BG043913.D

Acq: 4 Jan 2020 8:59

Tgt Ion:264 Resp: 769645

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	21.8	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

