

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
 Data File : BG043936.D
 Acq On : 6 Jan 2020 18:15
 Operator : JU
 Sample : PB125875BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125875BL

Quant Time: Jan 07 06:36:34 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	131086	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	549891	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	382362	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	824160	20.00	ng	0.00
76) Chrysene-d12	21.59	240	724854	20.00	ng	0.00
87) Perylene-d12	24.72	264	792923	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	509039	71.30	ng	0.00
7) Phenol-d6	7.13	99	490720	49.17	ng	0.00
23) Nitrobenzene-d5	9.12	82	935773	91.04	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	415787	103.91	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2061219	97.67	ng	0.00
79) Terphenyl-d14	19.95	244	2685105	90.96	ng	0.00

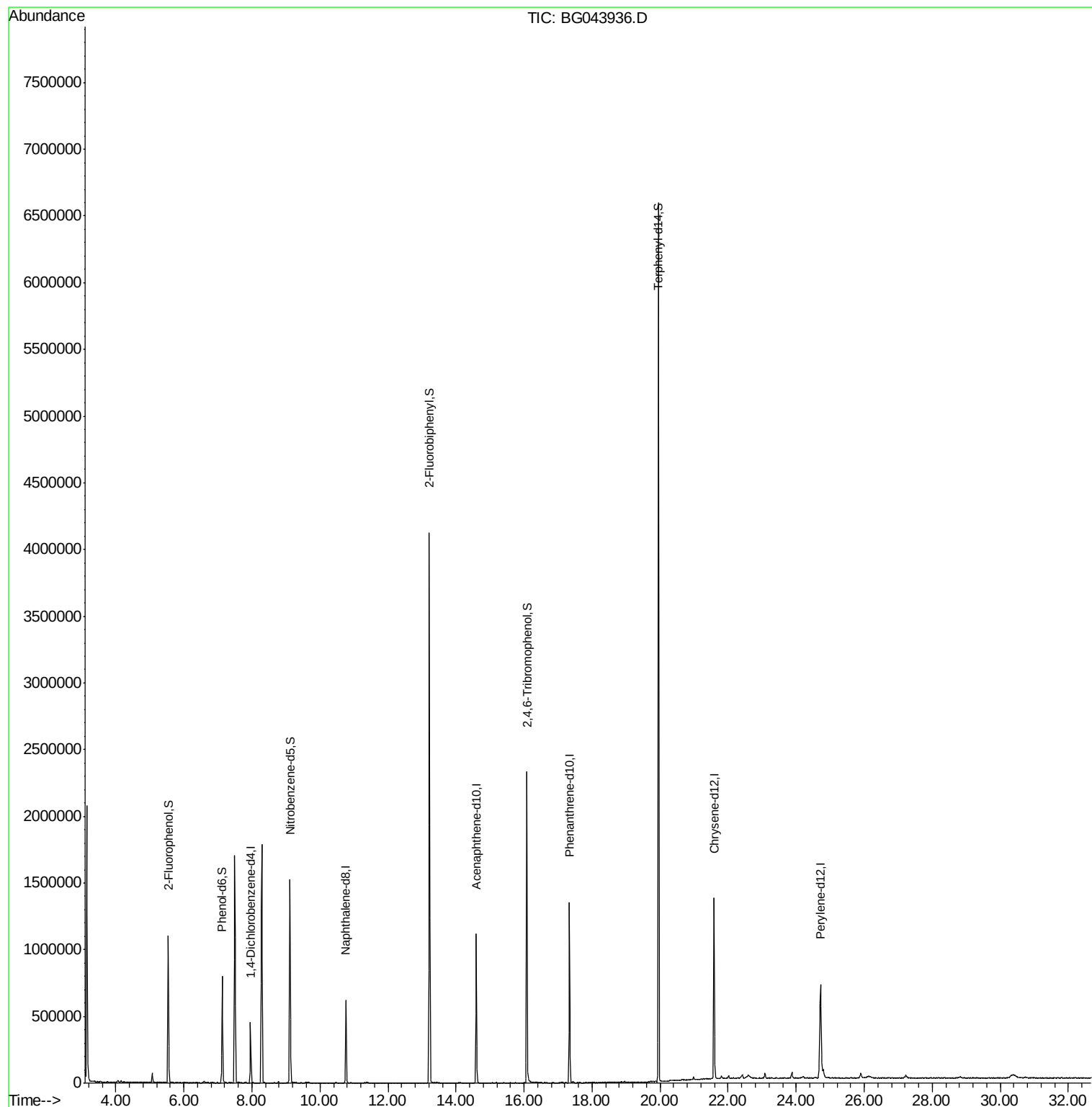
Target Compounds Qvalue

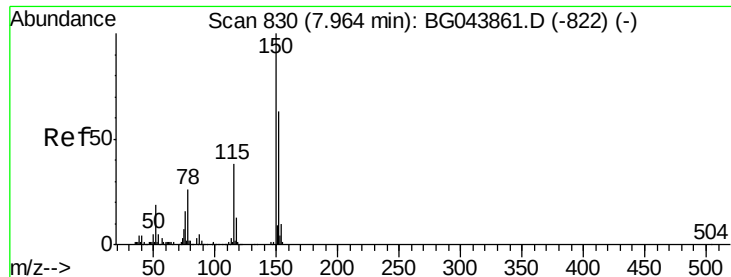
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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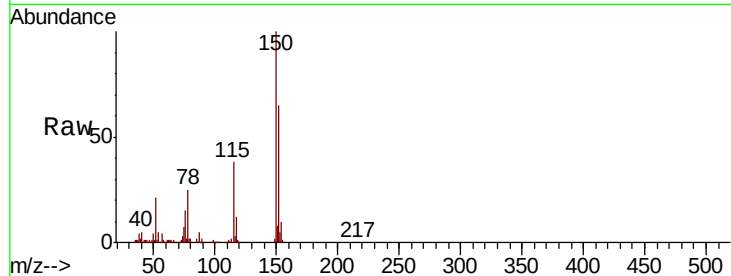


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB125875BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.0	190.4
115	59.4	47.8	71.8

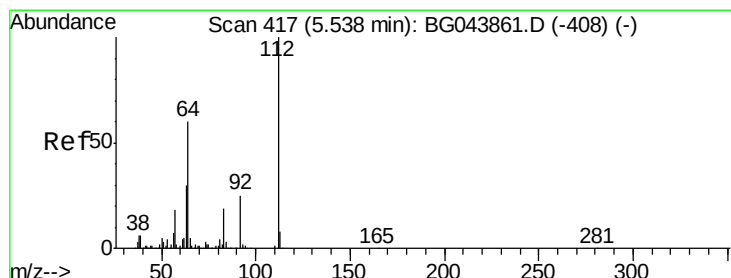
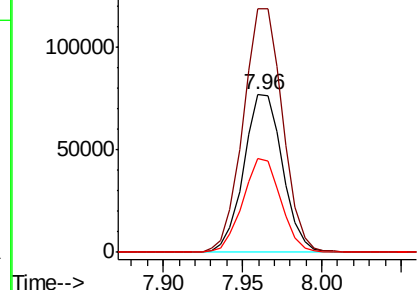
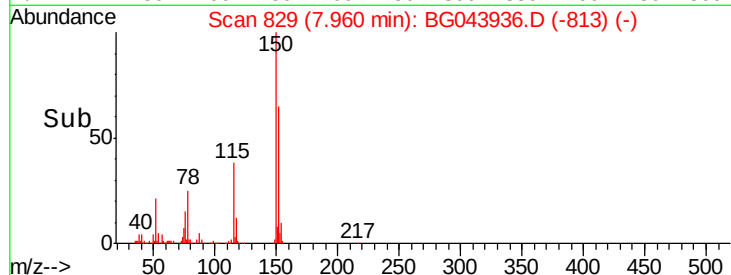


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

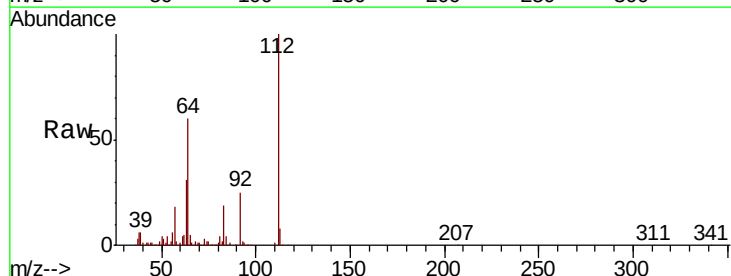
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 71.301 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.8	71.6
63	30.6	24.3	36.5

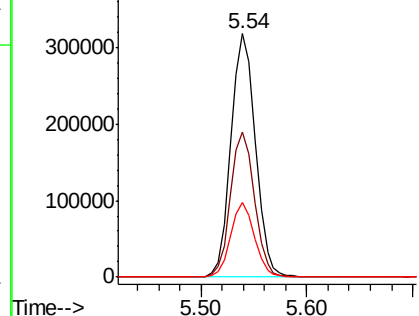
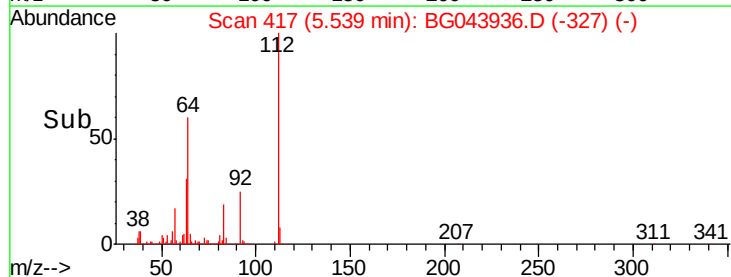


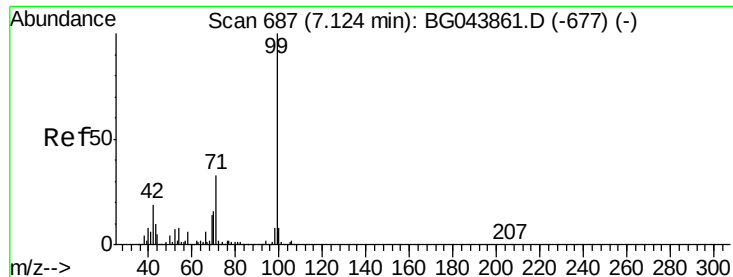
Abundance

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: 49.173 ng

RT: 7.13 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043936.D

Acq: 6 Jan 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB125875BL

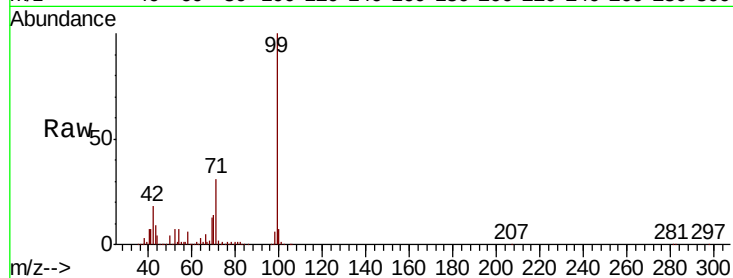
Tot Ion: 99 Resp: 490720

Ion Ratio Lower Upper

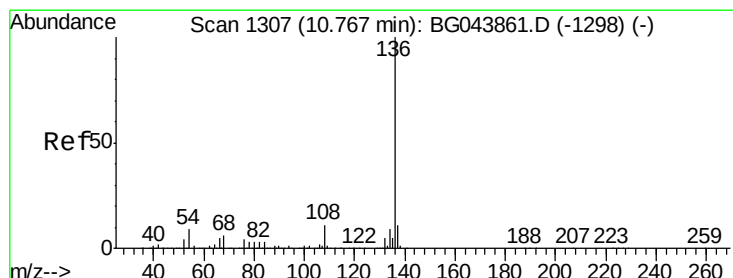
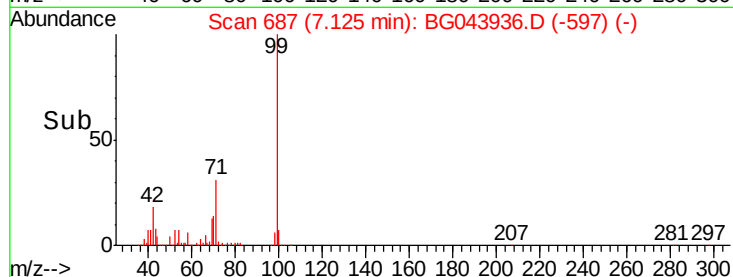
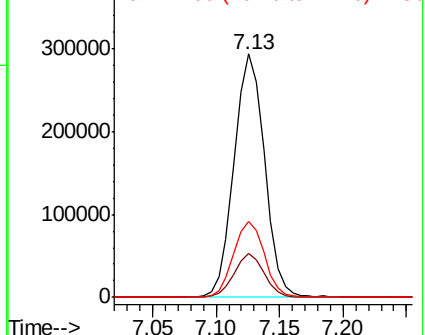
99 100

42 17.8 14.9 22.3

71 31.2 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. -0.00 min

Lab File: BG043936.D

Acq: 6 Jan 2020 18:15

Tgt Ion: 136 Resp: 549891

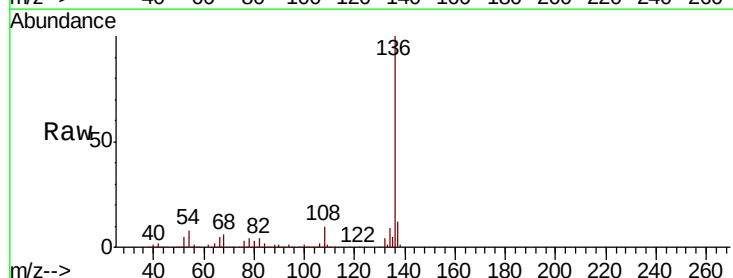
Ion Ratio Lower Upper

136 100

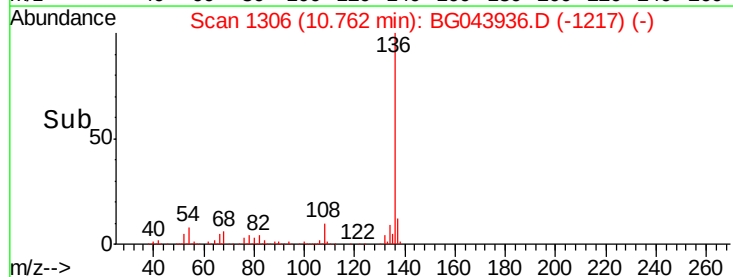
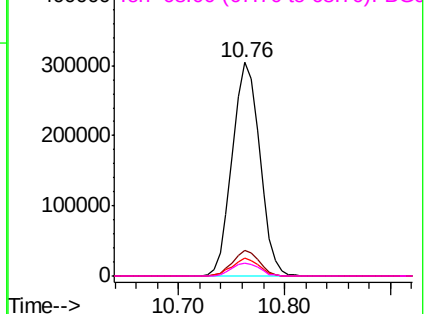
137 11.8 8.8 13.2

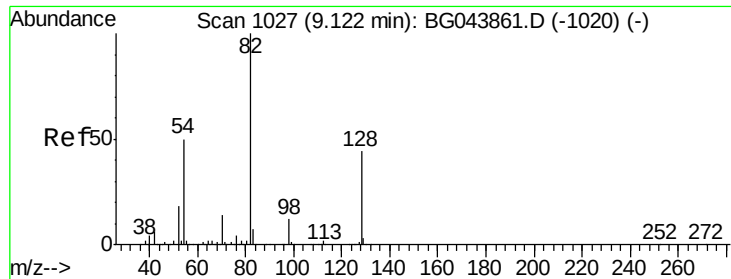
54 8.3 7.0 10.4

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

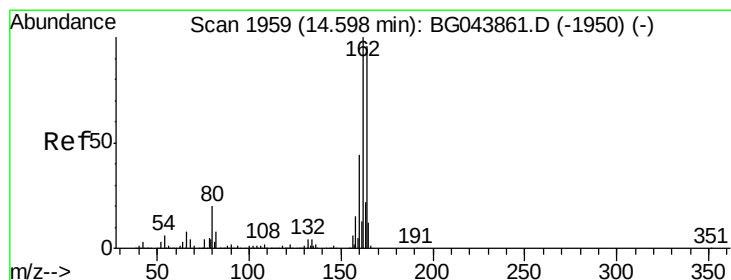
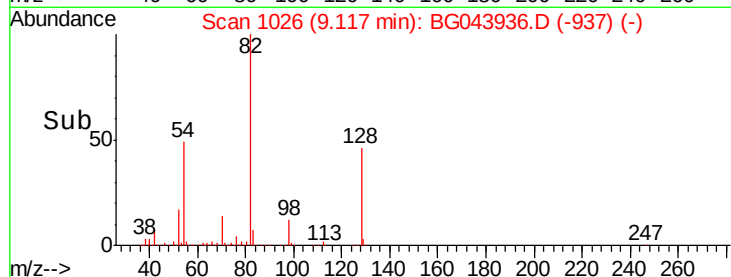
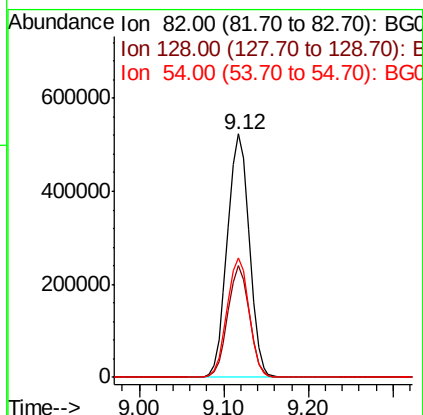
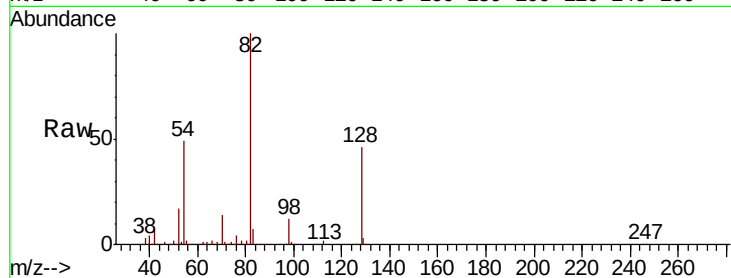




#23
 Nitrobenzene-d5
 Concen: 91.036 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG043936.D
 Acq: 6 Jan 2020 18:15

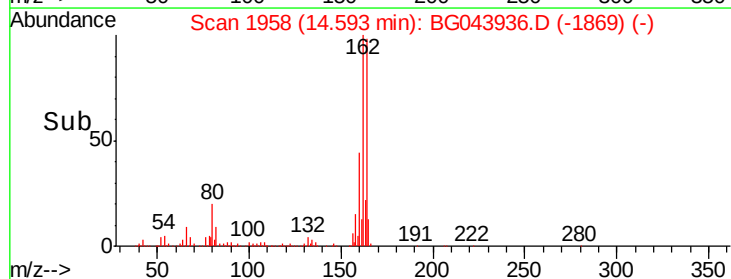
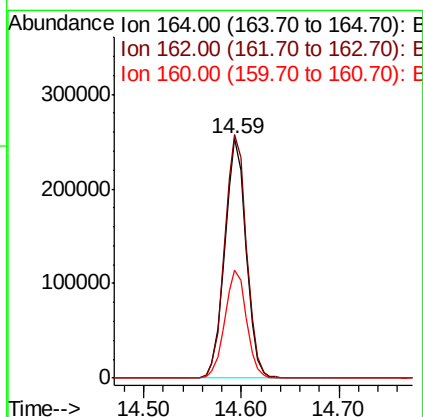
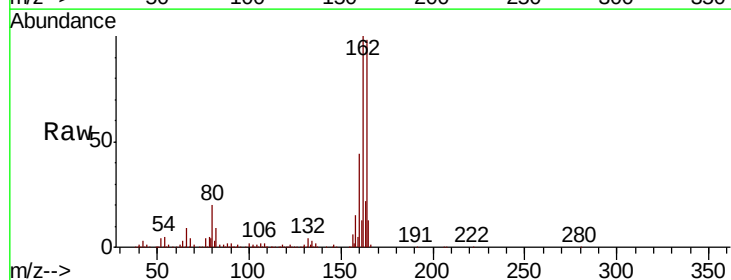
Instrument :
 BNA_G
 ClientSampleId :
 PB125875BL

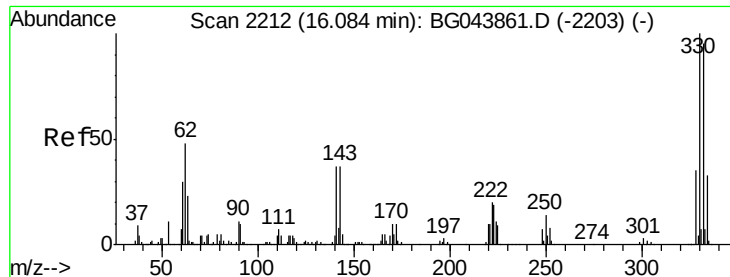
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.1	52.7
54	48.9	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG043936.D
 Acq: 6 Jan 2020 18:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.0	124.4
160	45.0	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 103.912 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG043936.D

Acq: 6 Jan 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB125875BL

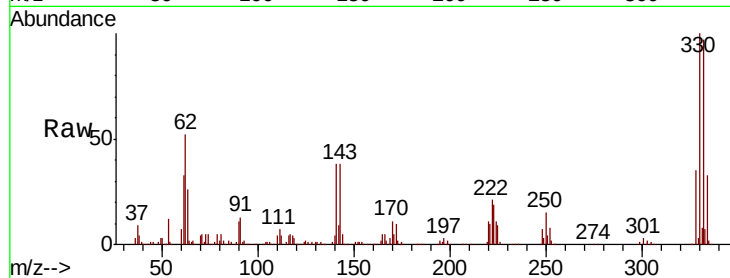
Tot Ion:330 Resp: 415787

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

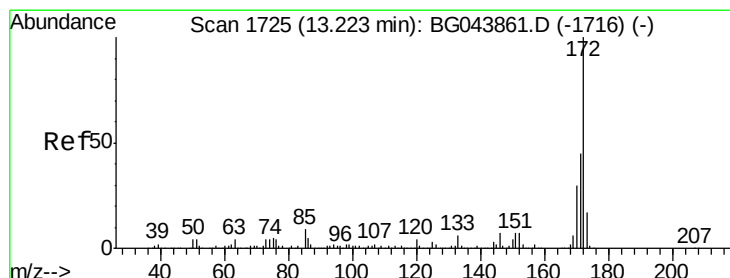
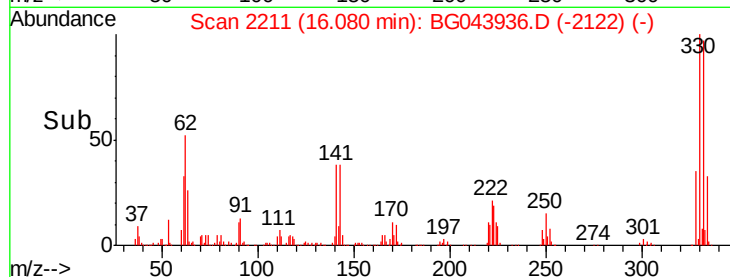
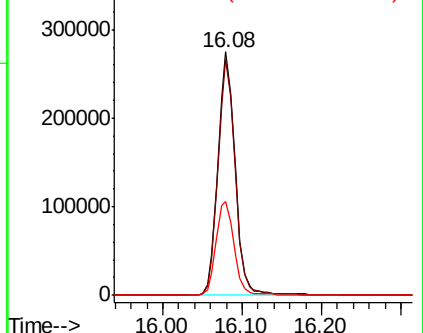
141 40.3 33.1 49.7



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: 97.668 ng

RT: 13.22 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG043936.D

Acq: 6 Jan 2020 18:15

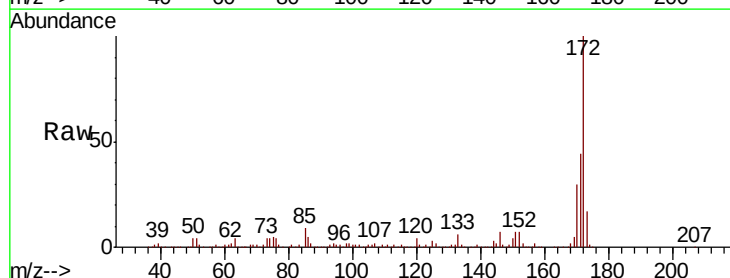
Tgt Ion:172 Resp: 2061219

Ion Ratio Lower Upper

172 100

171 44.0 35.8 53.8

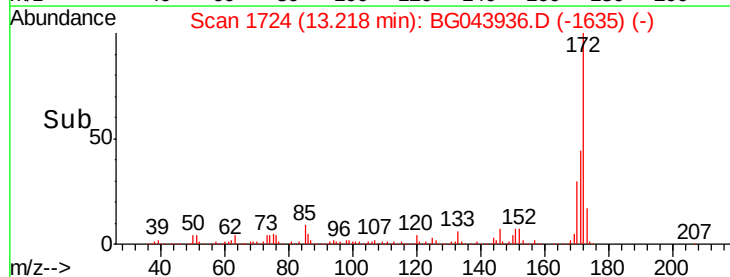
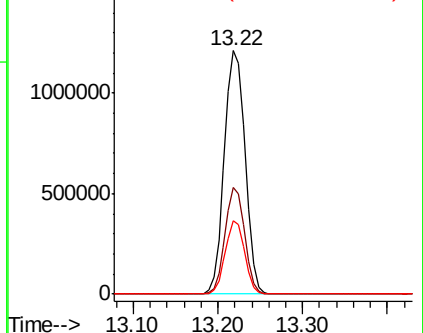
170 30.4 24.2 36.4

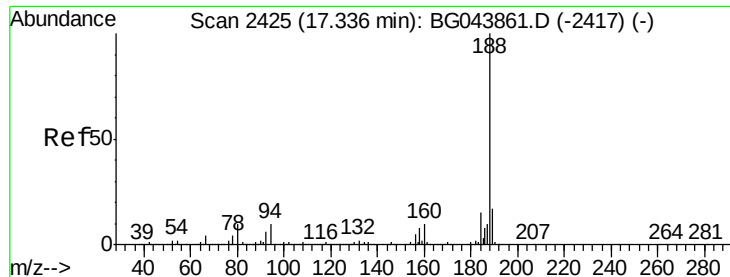


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

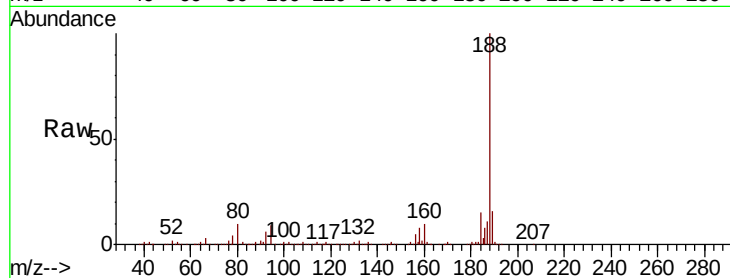




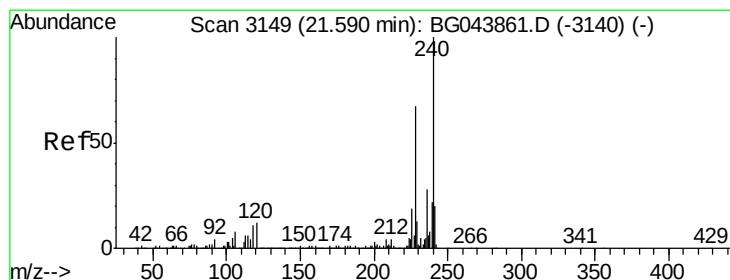
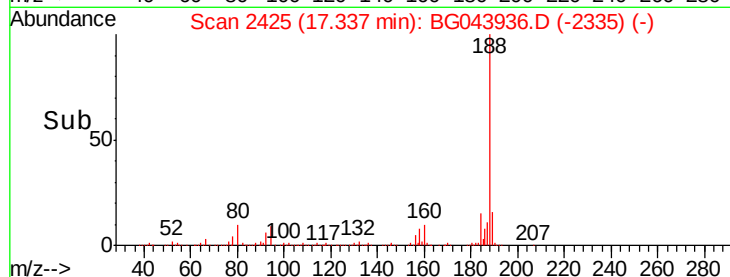
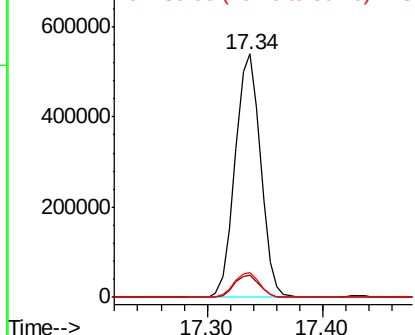
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB125875BL

Tot Ion:188 Resp: 824160
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.3 8.2 12.4

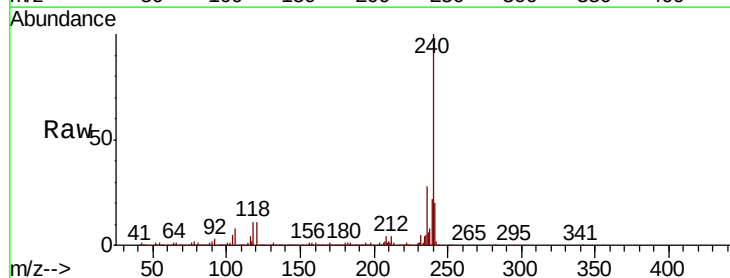


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

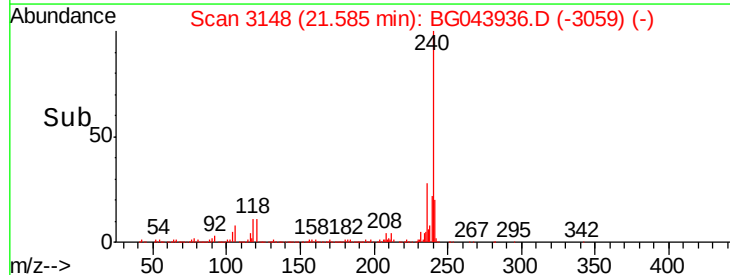
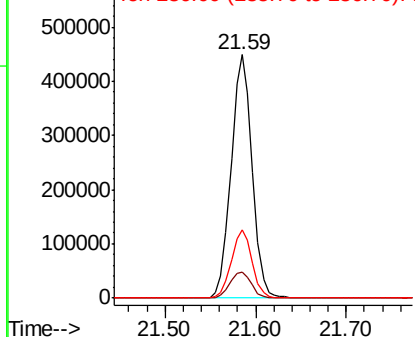


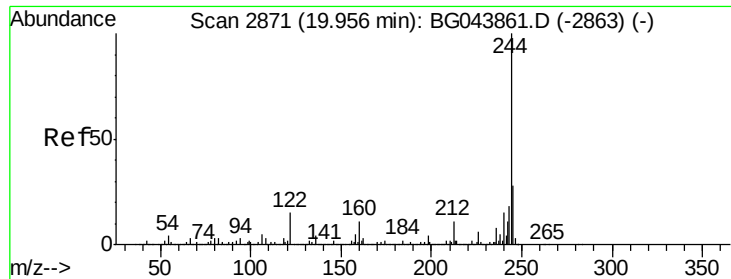
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG043936.D
Acq: 6 Jan 2020 18:15

Tgt Ion:240 Resp: 724854
Ion Ratio Lower Upper
240 100
120 10.9 9.6 14.4
236 28.2 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

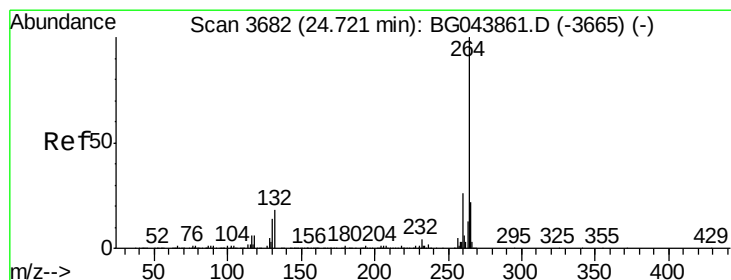
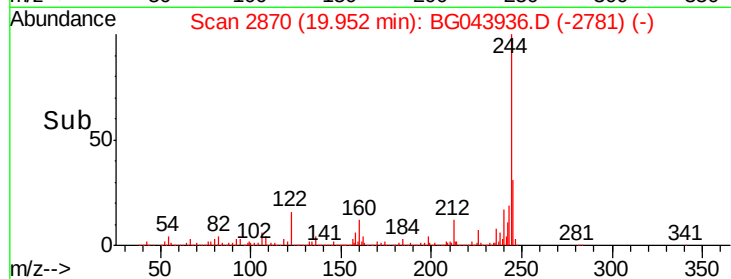
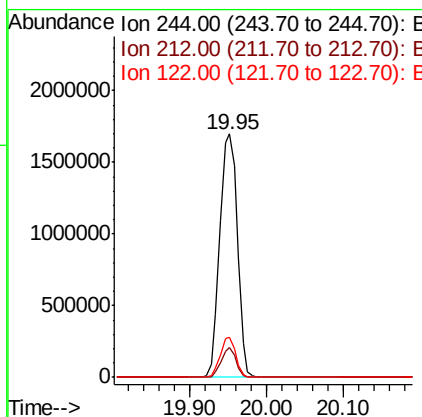
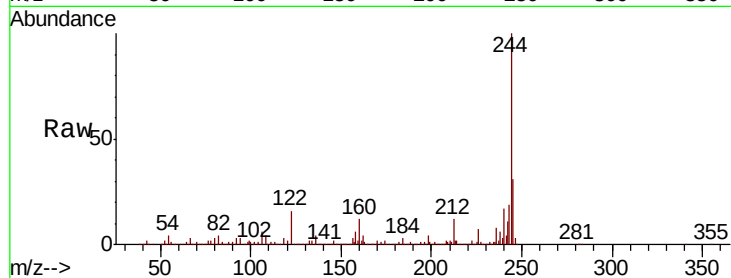




#79
 Terphenyl-d14
 Concen: 90.959 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: BG043936.D
 Acq: 6 Jan 2020 18:15

Instrument :
 BNA_G
 ClientSampleId :
 PB125875BL

Tot Ion:244 Resp: 2685105
 Ion Ratio Lower Upper
 244 100
 212 12.2 8.6 13.0
 122 16.2 11.9 17.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.72 min Scan# 3681
 Delta R.T. -0.00 min
 Lab File: BG043936.D
 Acq: 6 Jan 2020 18:15

Tgt Ion:264 Resp: 792923
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.4 30.6
 265 22.3 17.4 26.2

