

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
 Data File : BG043930.D
 Acq On : 6 Jan 2020 14:05
 Operator : JU
 Sample : PB125878BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BL

Quant Time: Jan 07 05:46:02 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	124156	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	545527	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	372399	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	807155	20.00	ng	0.00
76) Chrysene-d12	21.58	240	700093	20.00	ng	0.00
87) Perylene-d12	24.71	264	773451	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	546850	80.87	ng	0.00
7) Phenol-d6	7.12	99	507484	53.69	ng	0.00
23) Nitrobenzene-d5	9.12	82	772816	75.78	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	483370	124.03	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1700998	82.76	ng	0.00
79) Terphenyl-d14	19.95	244	2413488	82.46	ng	0.00

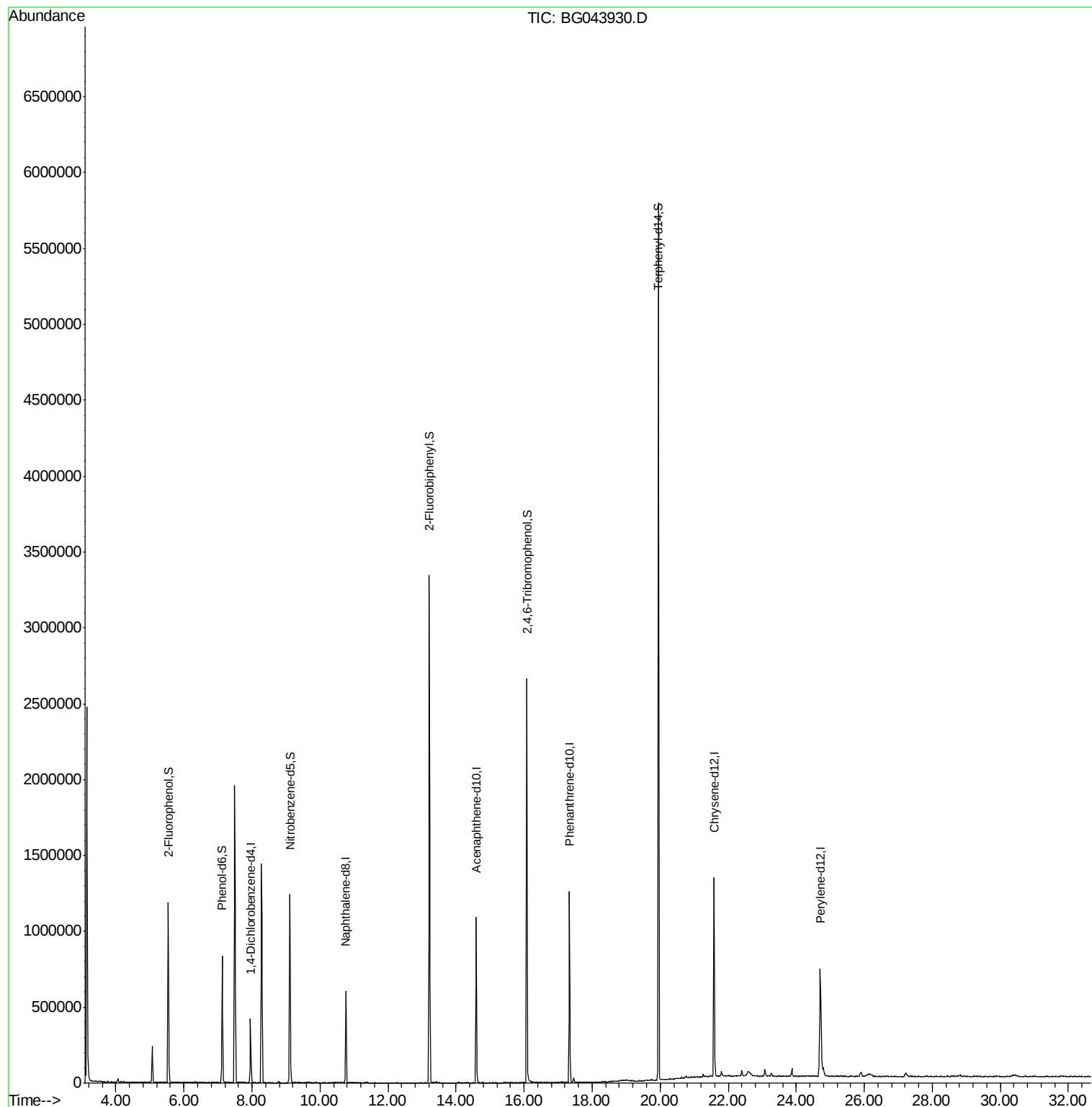
Target Compounds Qvalue

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

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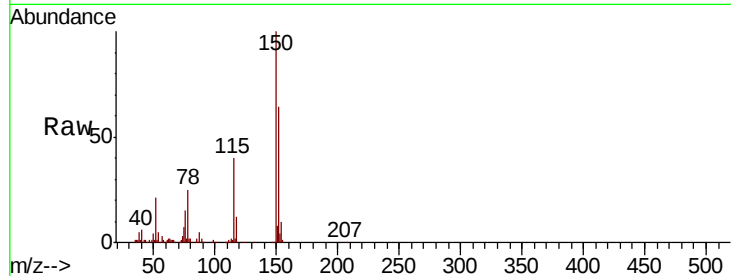


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB125878BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.0	190.4
115	62.1	47.8	71.8

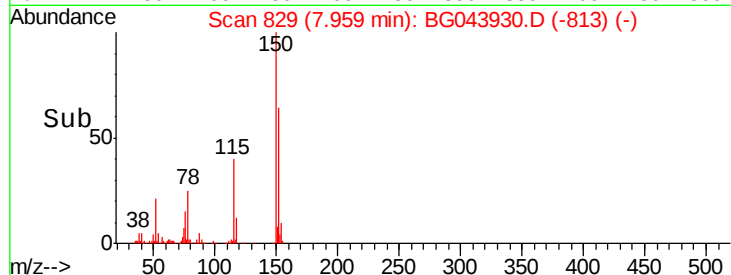
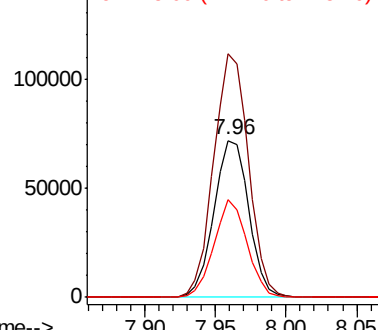


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

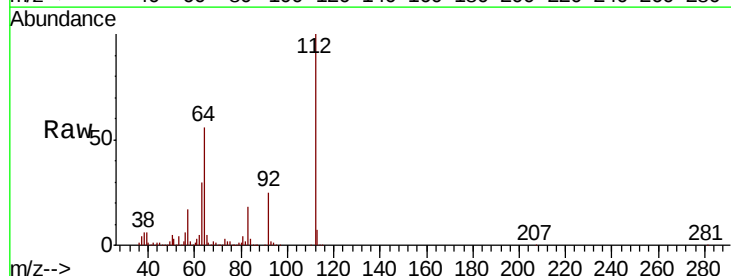
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.873 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.8	71.6
63	30.2	24.3	36.5

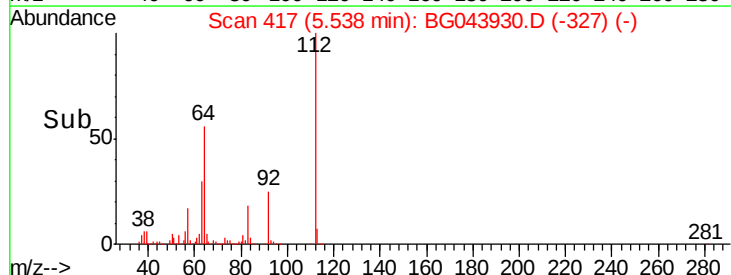
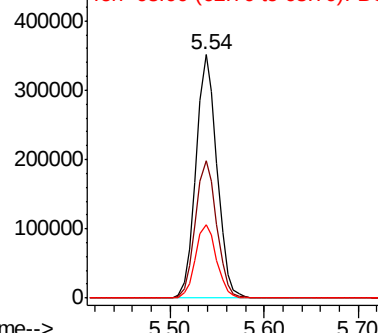


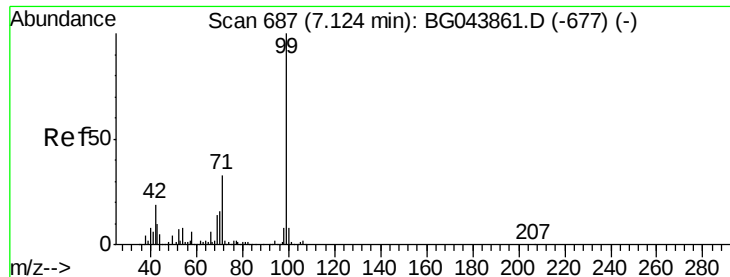
Abundance

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: 53.691 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043930.D

Acq: 6 Jan 2020 14:05

Instrument :

BNA_G

ClientSampleId :

PB125878BL

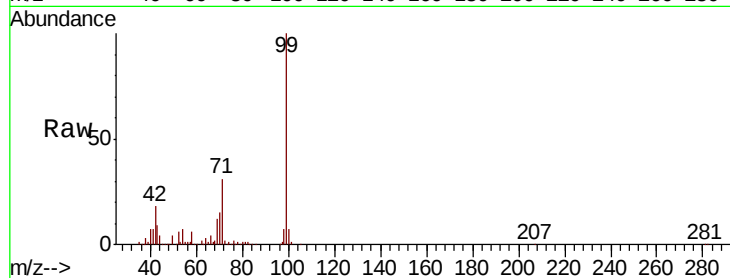
Tot Ion: 99 Resp: 507484

Ion Ratio Lower Upper

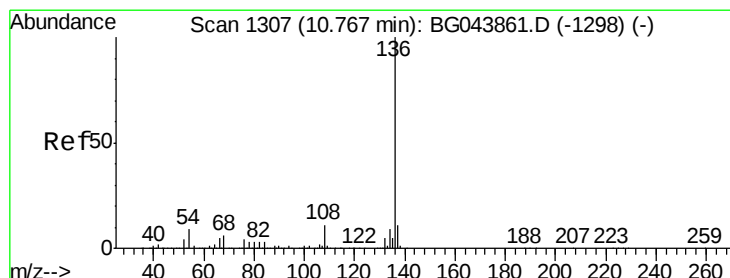
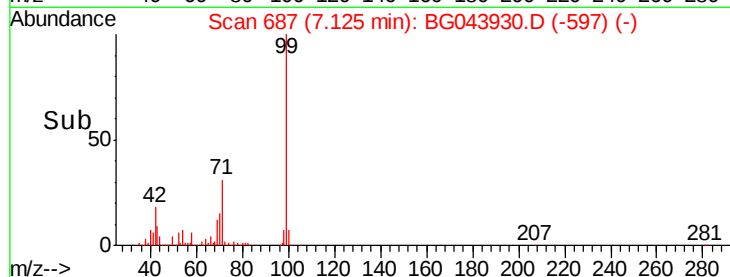
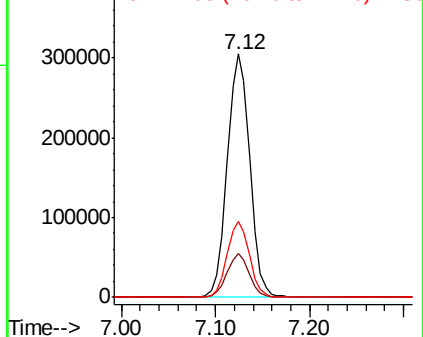
99 100

42 17.9 14.9 22.3

71 31.3 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: BG043930.D

Acq: 6 Jan 2020 14:05

Tgt Ion: 136 Resp: 545527

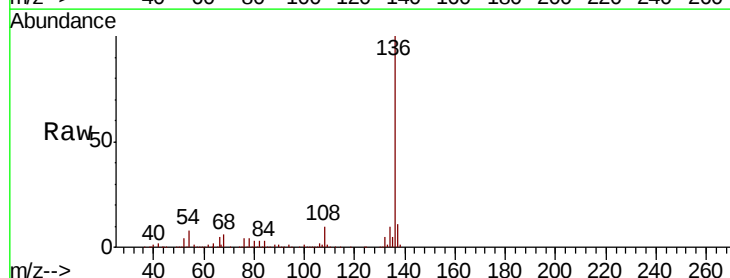
Ion Ratio Lower Upper

136 100

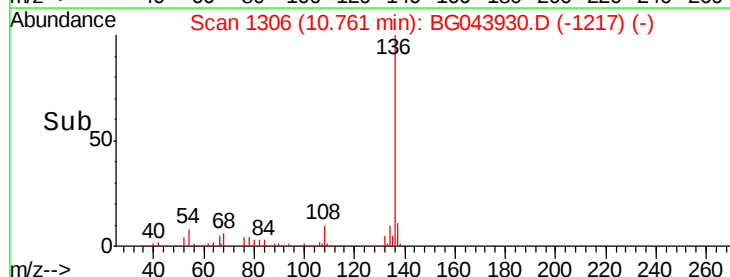
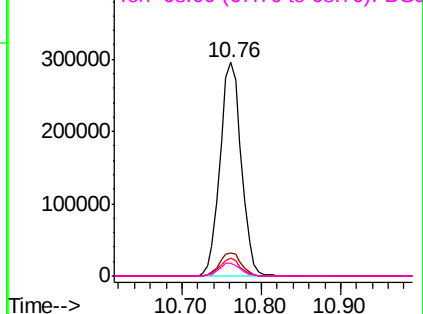
137 11.0 8.8 13.2

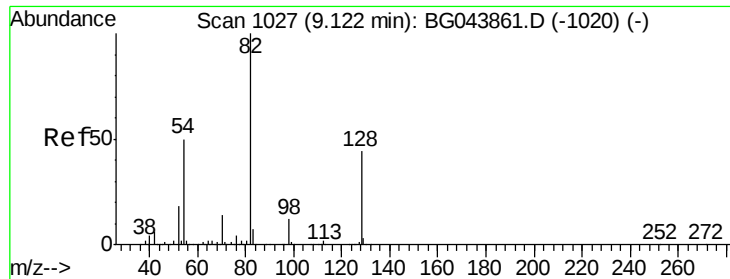
54 8.2 7.0 10.4

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

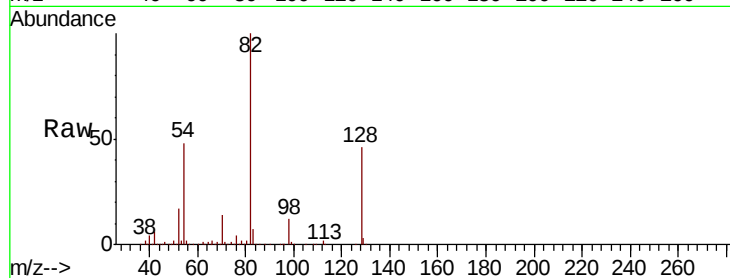




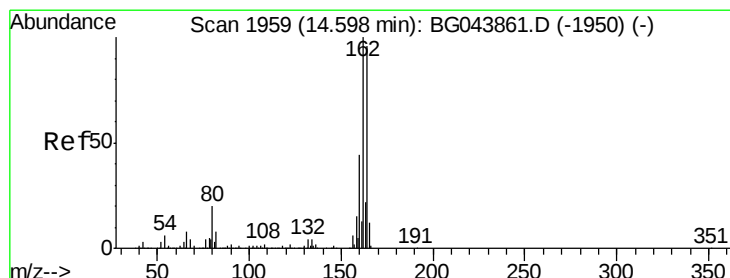
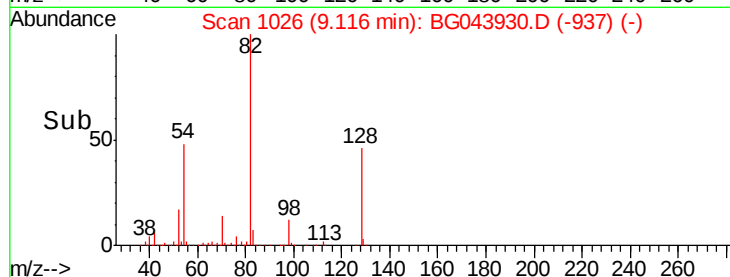
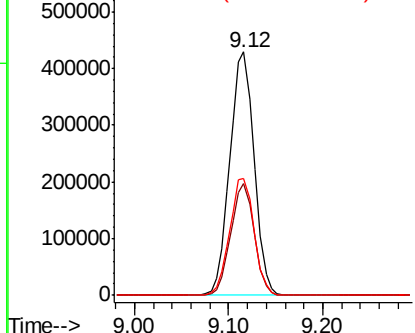
#23
 Nitrobenzene-d5
 Concen: 75.784 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043930.D
 Acq: 6 Jan 2020 14:05

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BL

Tot Ion: 82 Resp: 772816
 Ion Ratio Lower Upper
 82 100
 128 45.7 35.1 52.7
 54 48.3 40.1 60.1

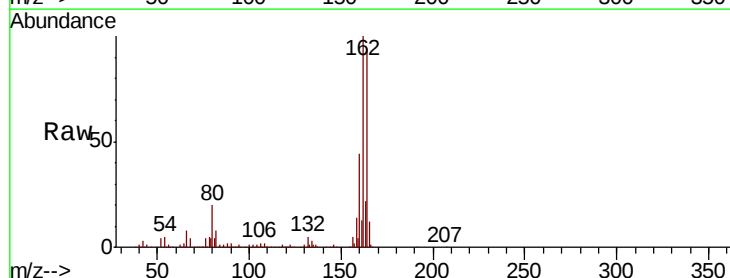


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

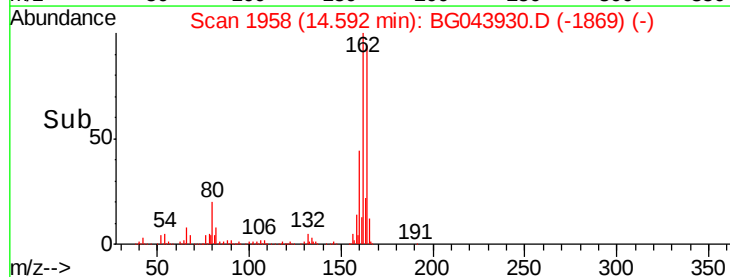
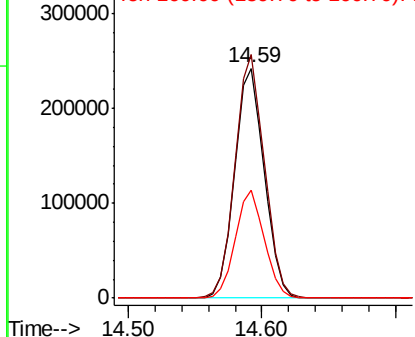


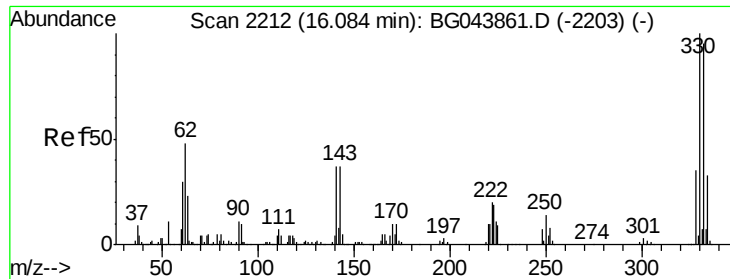
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG043930.D
 Acq: 6 Jan 2020 14:05

Tgt Ion: 164 Resp: 372399
 Ion Ratio Lower Upper
 164 100
 162 105.9 83.0 124.4
 160 46.9 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

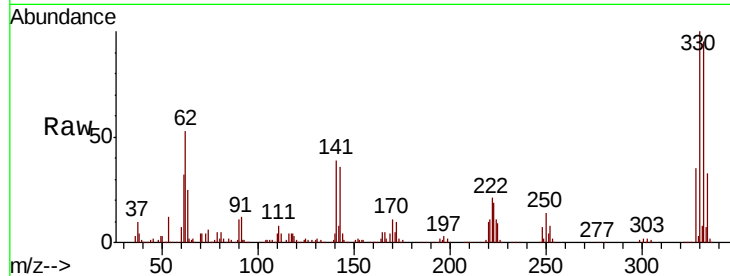




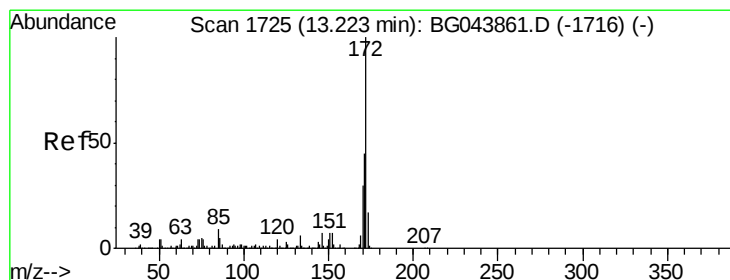
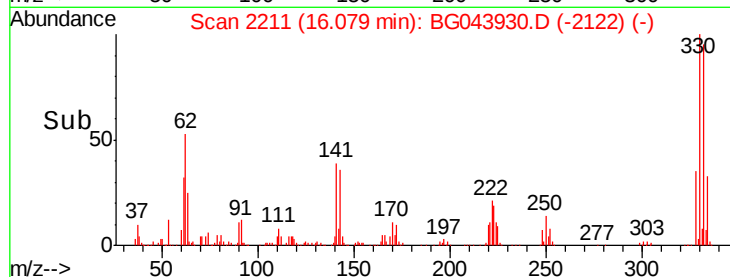
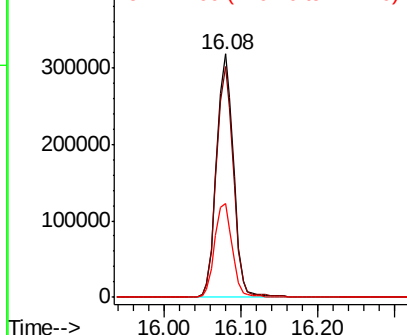
#42
 2,4,6-Tribromophenol
 Concen: 124.034 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: BG043930.D
 Acq: 6 Jan 2020 14:05

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BL

Tot Ion:330 Resp: 483370
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.2 115.8
 141 39.8 33.1 49.7

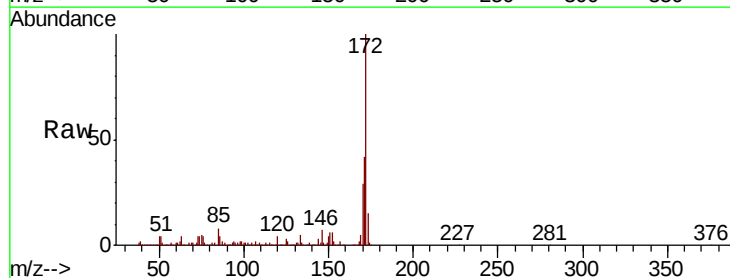


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

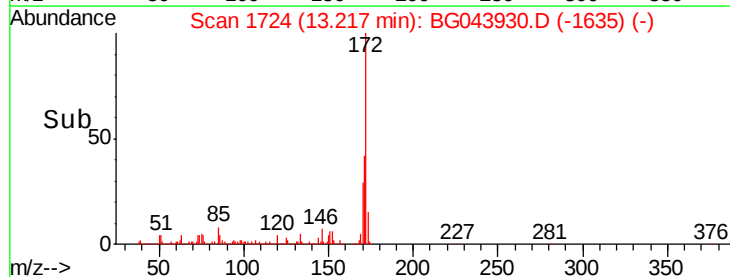
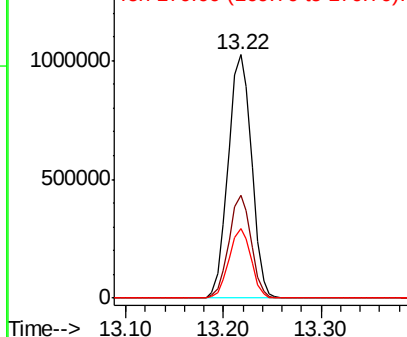


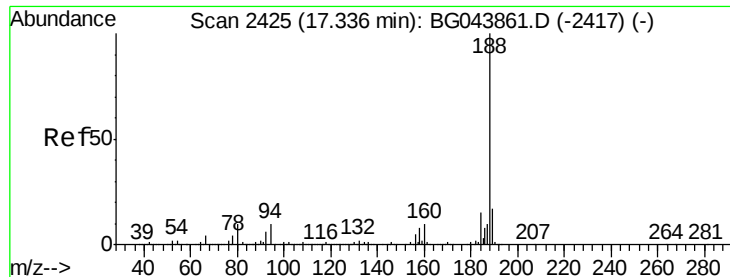
#45
 2-Fluorobiphenyl
 Concen: 82.756 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG043930.D
 Acq: 6 Jan 2020 14:05

Tgt Ion:172 Resp: 1700998
 Ion Ratio Lower Upper
 172 100
 171 42.3 35.8 53.8
 170 28.5 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

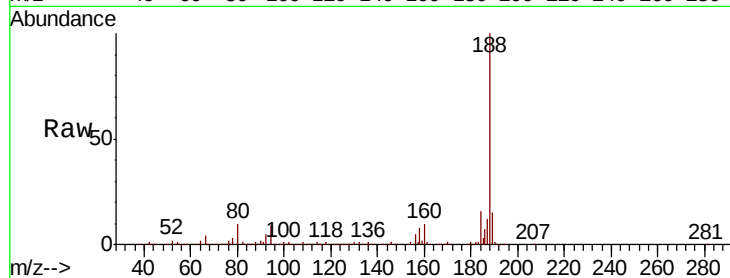




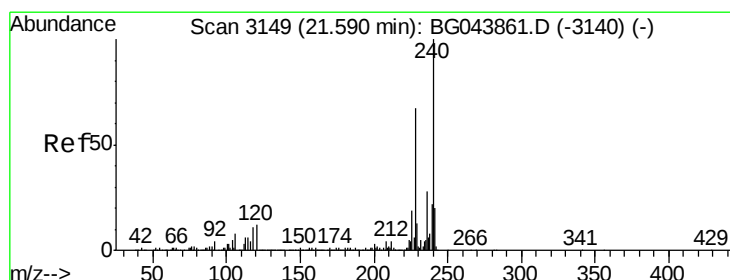
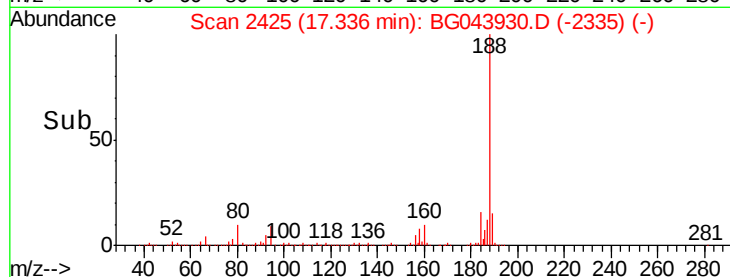
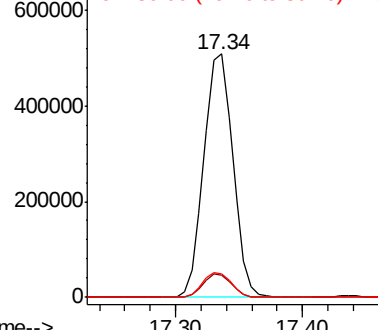
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB125878BL

Tot Ion:188 Resp: 807155
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 9.7 8.2 12.4

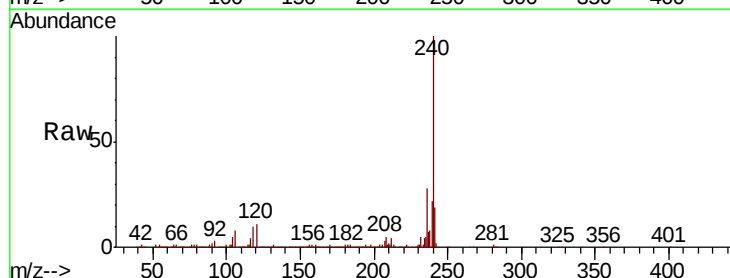


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

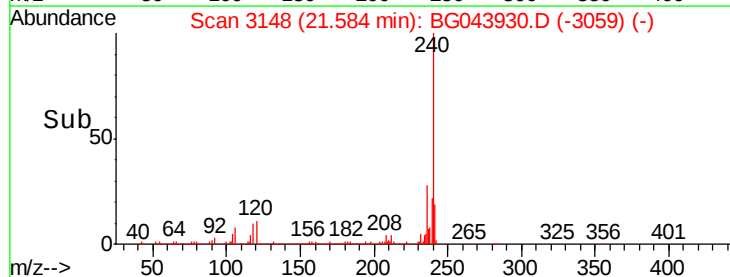
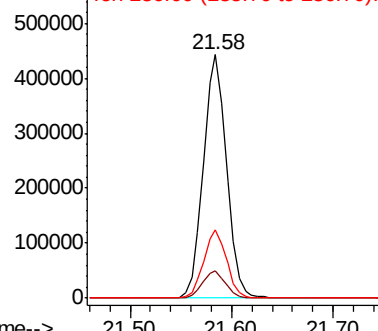


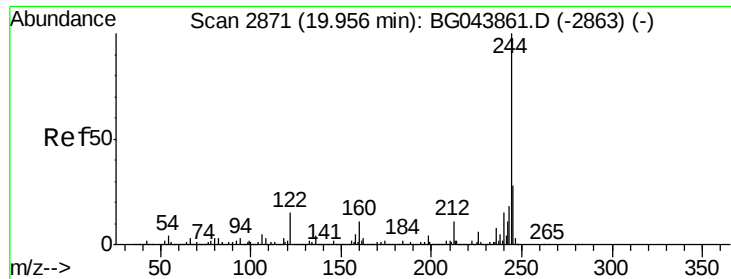
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG043930.D
Acq: 6 Jan 2020 14:05

Tgt Ion:240 Resp: 700093
Ion Ratio Lower Upper
240 100
120 11.2 9.6 14.4
236 27.8 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: 82.459 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043930.D

Acq: 6 Jan 2020 14:05

Instrument :

BNA_G

ClientSampleId :

PB125878BL

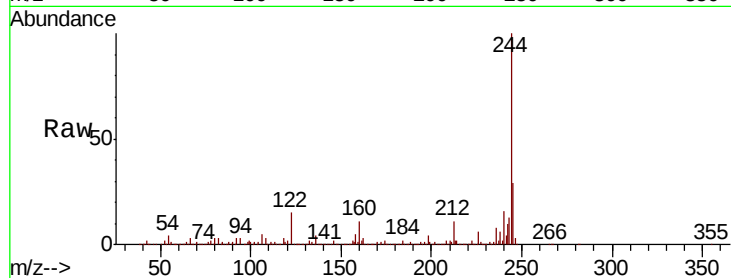
Tot Ion:244 Resp: 2413488

Ion Ratio Lower Upper

244 100

212 11.3 8.6 13.0

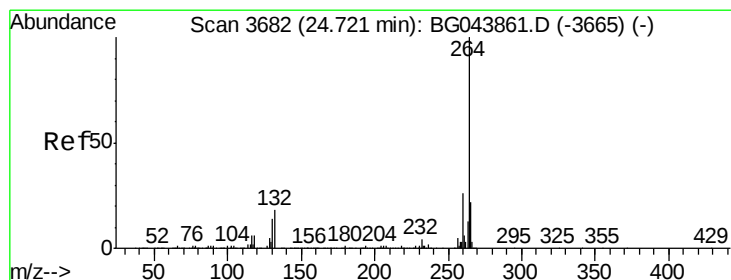
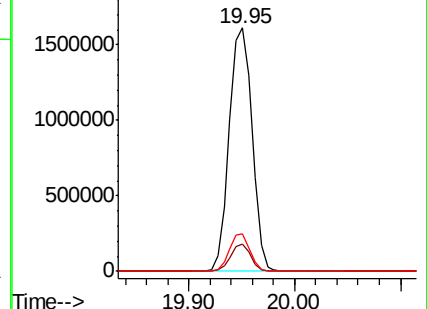
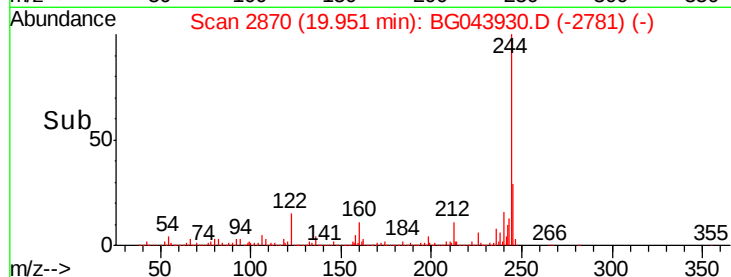
122 15.2 11.9 17.9



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: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043930.D

Acq: 6 Jan 2020 14:05

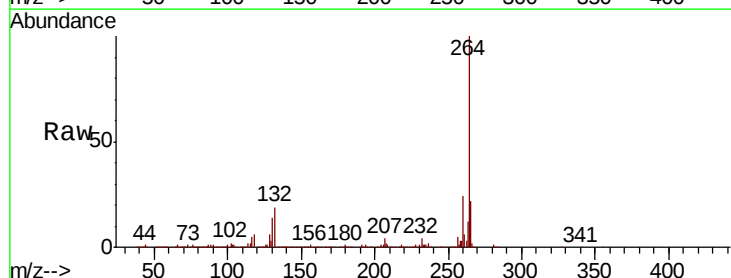
Tgt Ion:264 Resp: 773451

Ion Ratio Lower Upper

264 100

260 24.2 20.4 30.6

265 21.9 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

