

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031920\
 Data File : BG044913.D
 Acq On : 20 Mar 2020 1:33
 Operator : CG/JU
 Sample : L1954-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11A

Quant Time: Mar 20 02:57:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

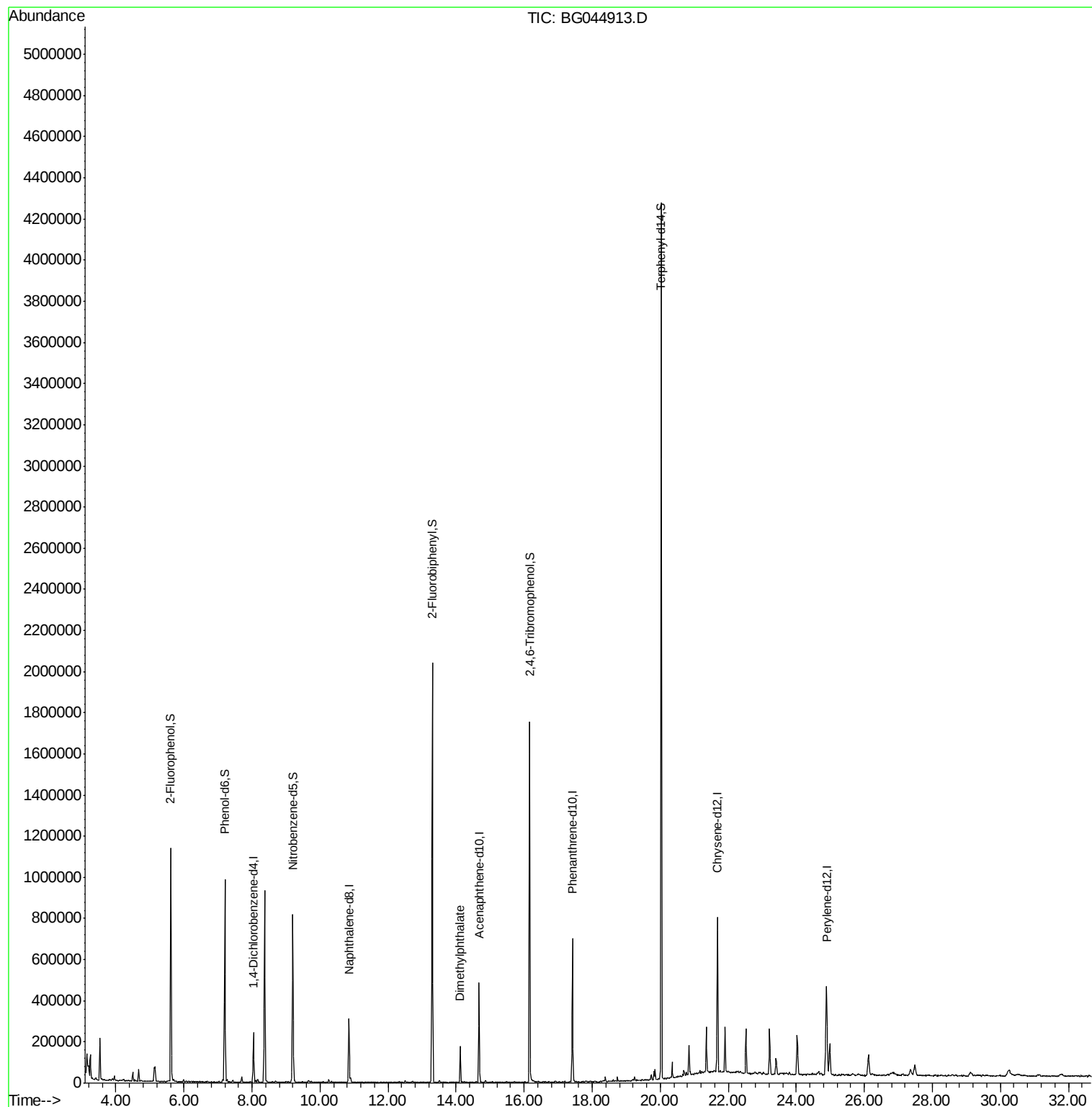
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	69488	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	263319	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	175204	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	429445	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	449795	20.00	ng	-0.02
87) Perylene-d12	24.88	264	481602	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	491052	110.01	ng	0.00
7) Phenol-d6	7.20	99	599979	92.51	ng	0.00
23) Nitrobenzene-d5	9.20	82	525835	87.63	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	349792	152.48	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1079728	88.25	ng	0.00
79) Terphenyl-d14	20.03	244	1968694	81.87	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	120121	8.608	ng	Qvalue 97

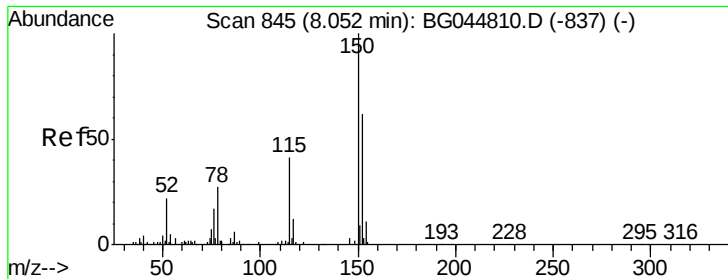
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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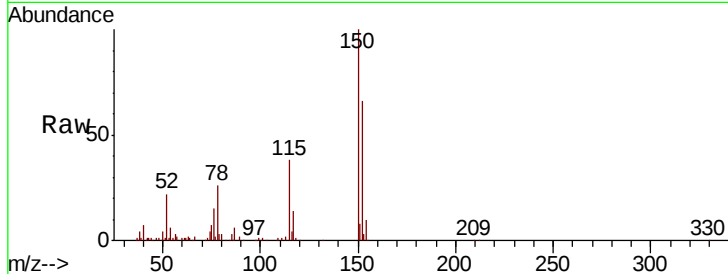


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Instrument :
BNA_G
ClientSampleId :
TP-11A

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	128.8	193.2
115	57.7	52.6	79.0

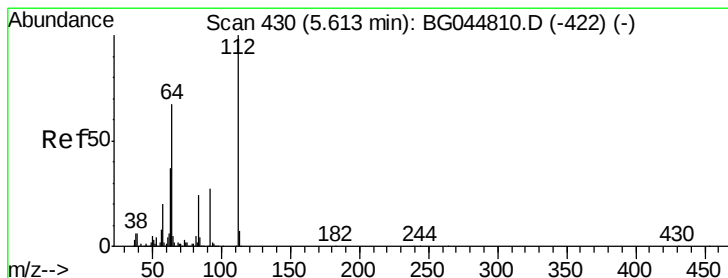
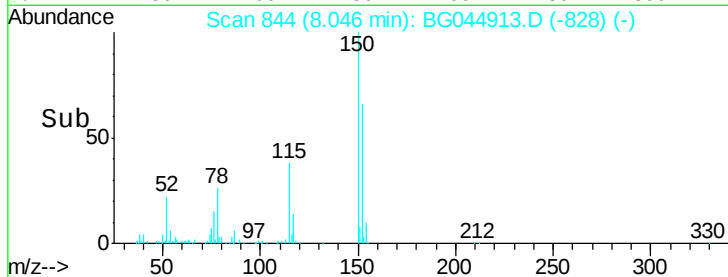
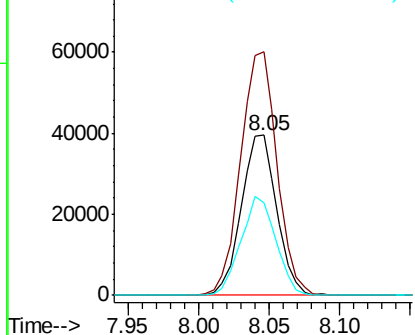


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

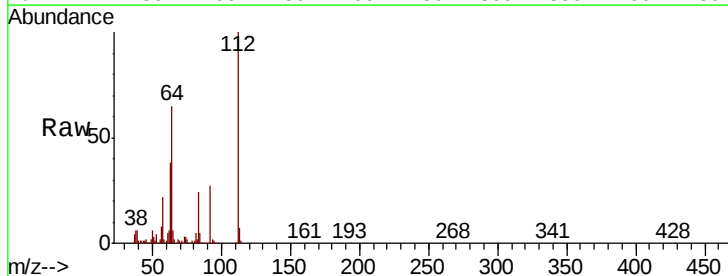
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.007 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	53.4	80.2
63	38.1	29.4	44.2

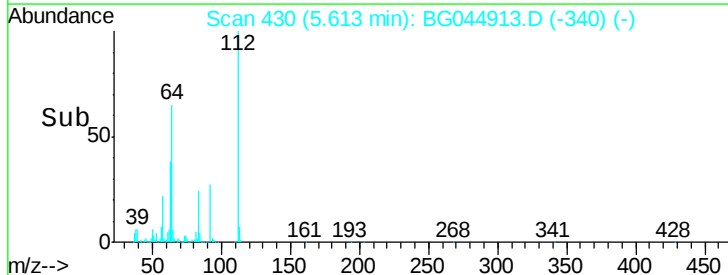
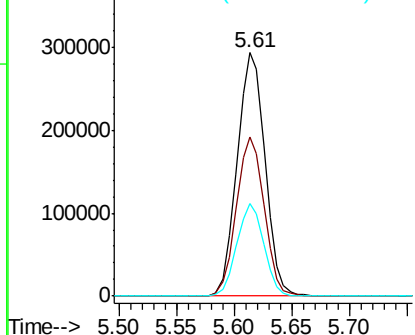


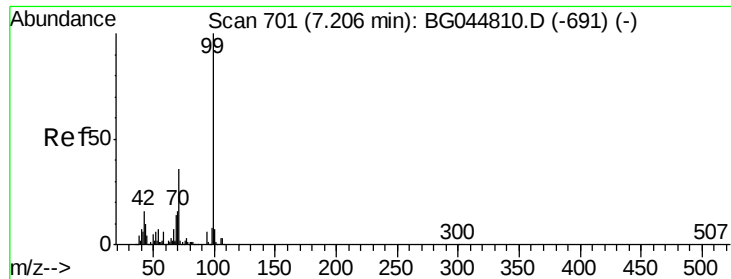
Abundance

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: 92.509 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044913.D

Acq: 20 Mar 2020 1:33

Instrument :

BNA_G

ClientSampleId :

TP-11A

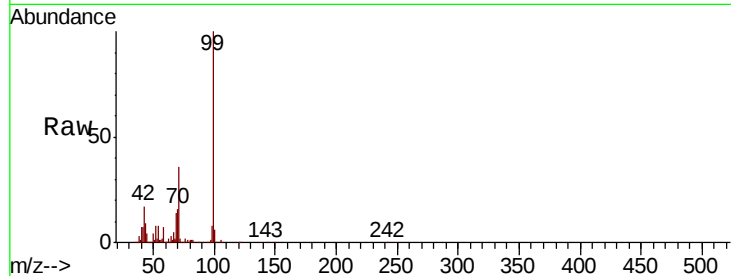
Tot Ion: 99 Resp: 599979

Ion Ratio Lower Upper

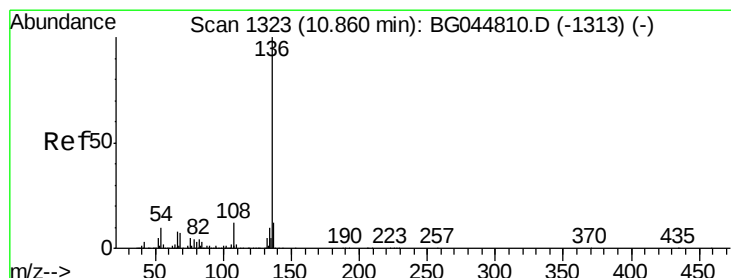
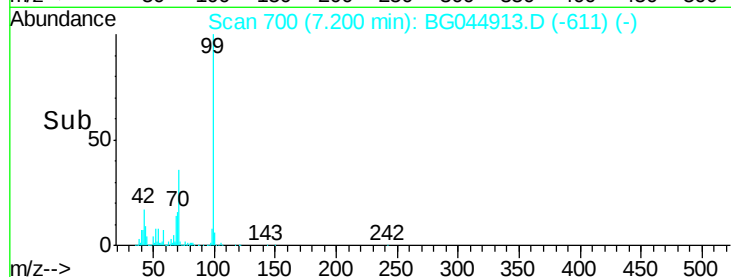
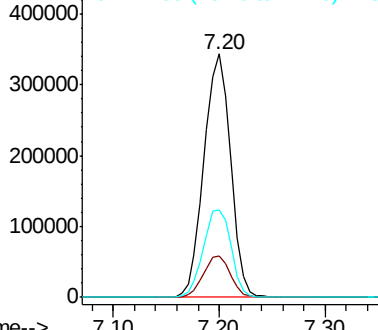
99 100

42 16.9 12.6 19.0

71 36.2 29.0 43.4



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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044913.D

Acq: 20 Mar 2020 1:33

Tgt Ion: 136 Resp: 263319

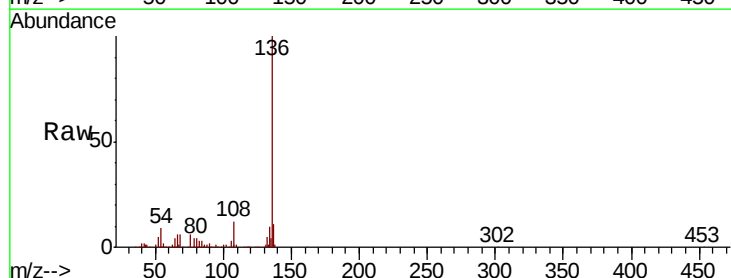
Ion Ratio Lower Upper

136 100

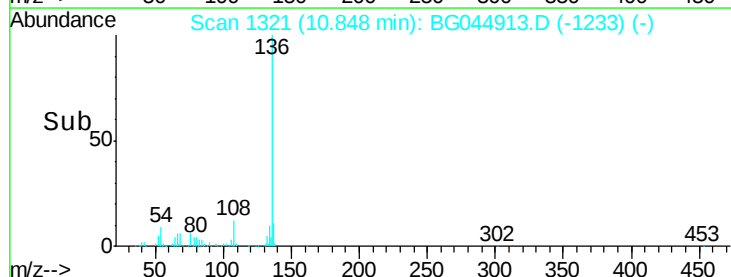
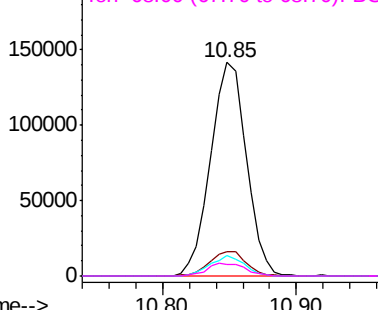
137 11.5 9.8 14.6

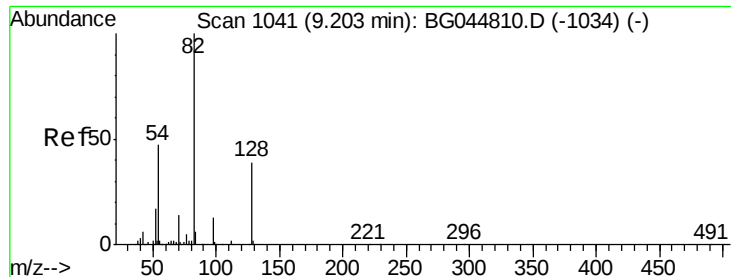
54 9.4 7.9 11.9

68 5.7 5.4 8.0



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

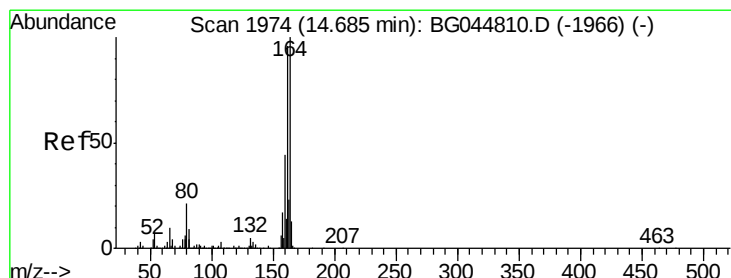
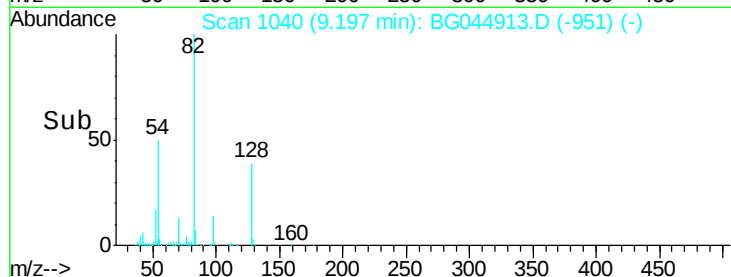
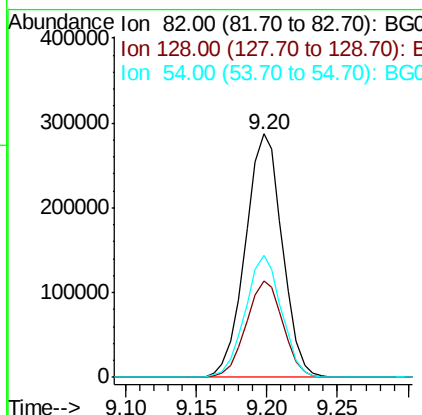
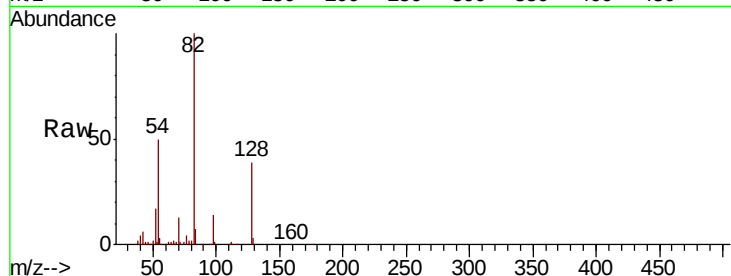




#23
 Nitrobenzene-d5
 Concen: 87.629 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG044913.D
 Acq: 20 Mar 2020 1:33

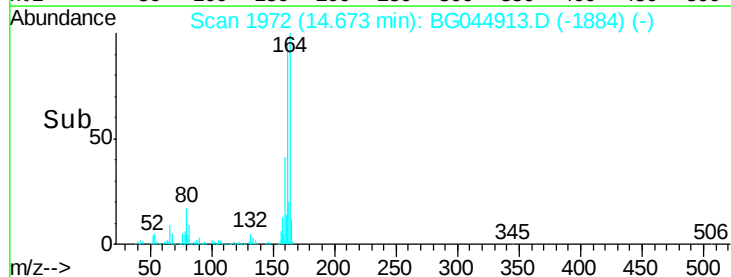
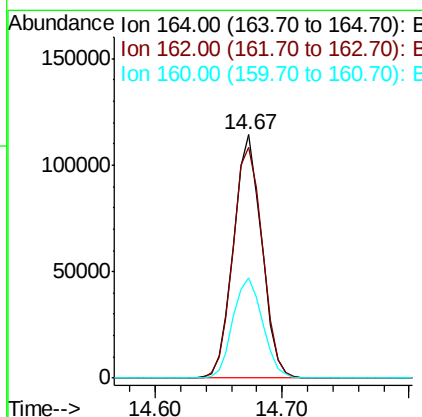
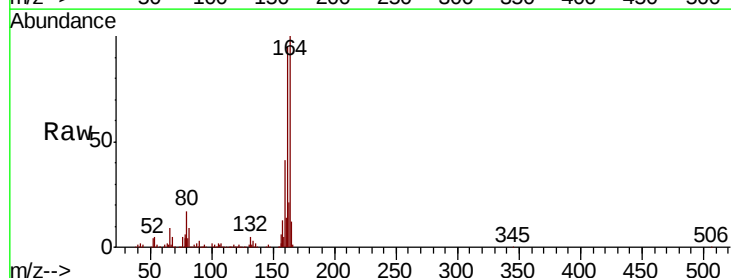
Instrument :
 BNA_G
 ClientSampleId :
 TP-11A

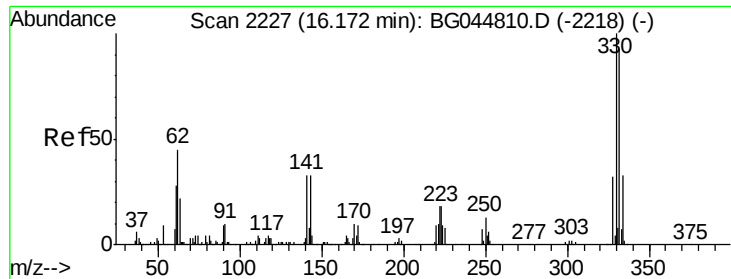
Tot Ion	82	Resp	525835
Ion Ratio	Lower	Upper	
82	100		
128	39.4	30.6	46.0
54	50.0	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044913.D
 Acq: 20 Mar 2020 1:33

Tgt Ion	164	Resp	175204
Ion Ratio	Lower	Upper	
164	100		
162	94.7	76.7	115.1
160	41.0	35.0	52.4

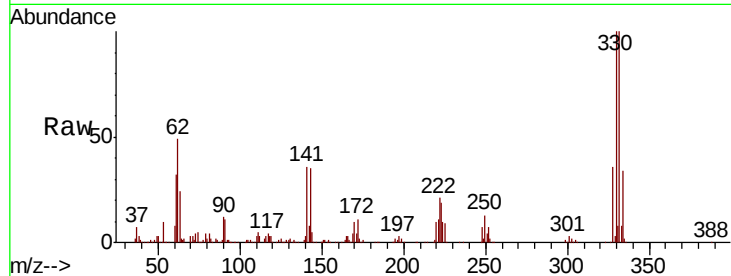




#42
 2,4,6-Tribromophenol
 Concen: 152.479 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG044913.D
 Acq: 20 Mar 2020 1:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-11A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.6
141	36.7	29.5	44.3

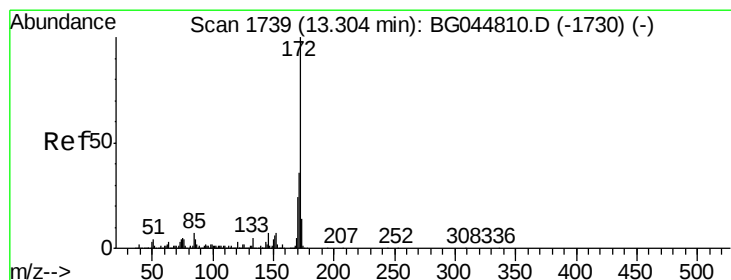
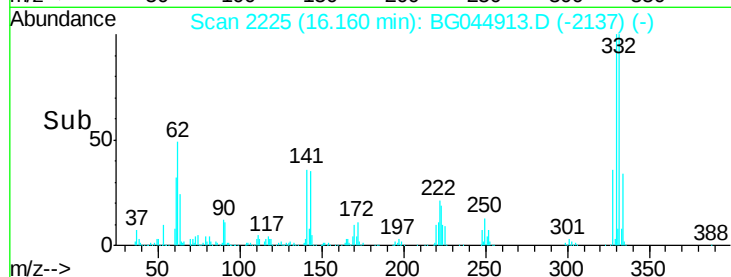
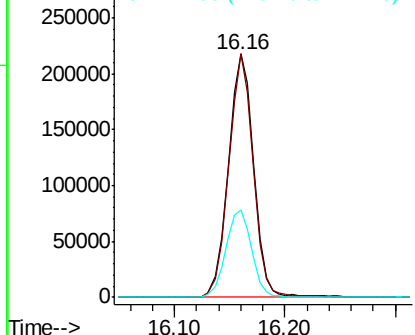


Abundance

Ion 329.80 (329.50 to 330.50): E

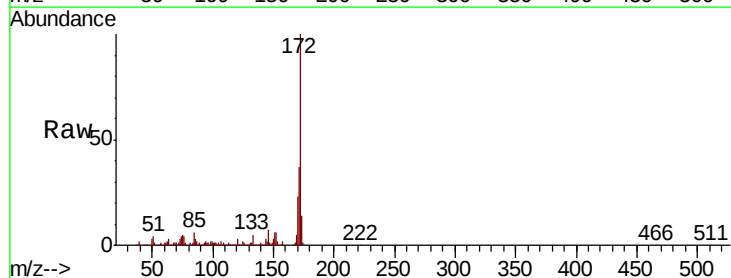
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.252 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG044913.D
 Acq: 20 Mar 2020 1:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.7	43.1
170	23.3	19.0	28.6

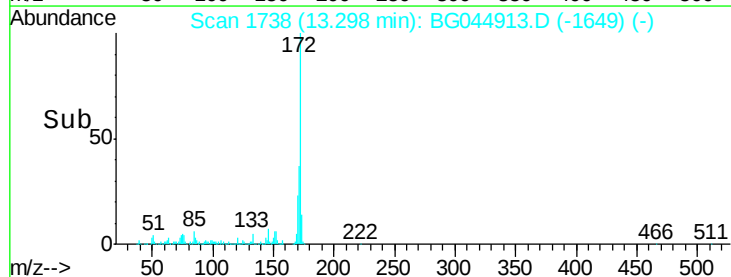
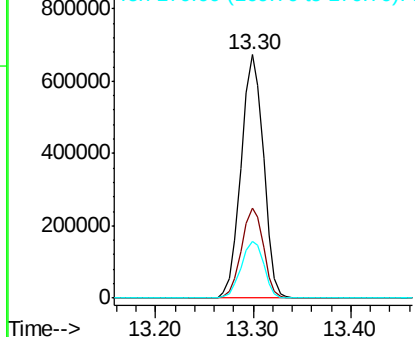


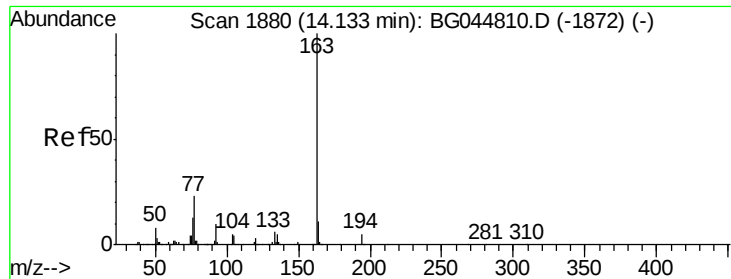
Abundance

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

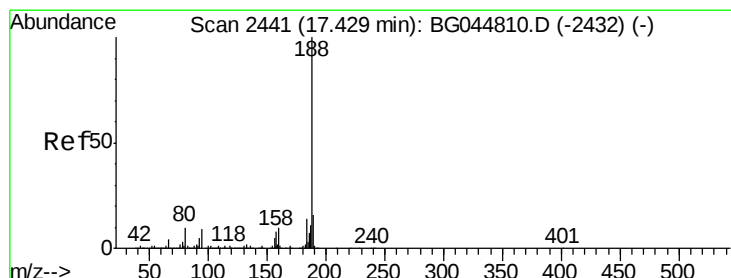
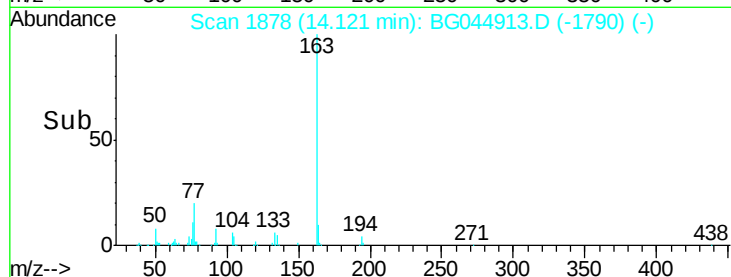
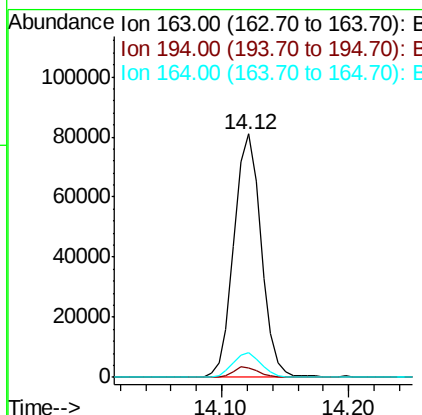
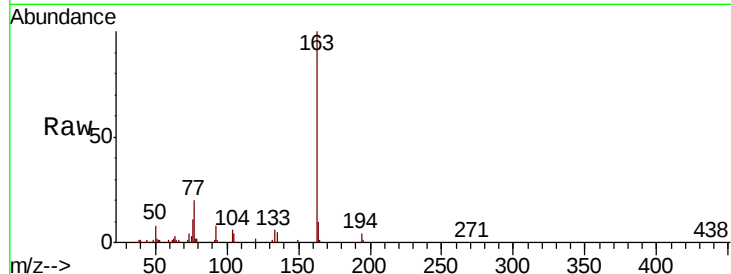




#50
Dimethylphthalate
Concen: 8.608 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

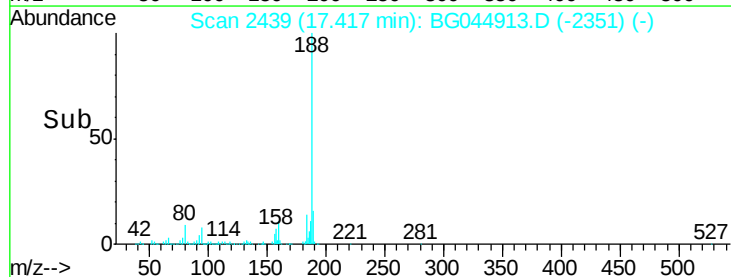
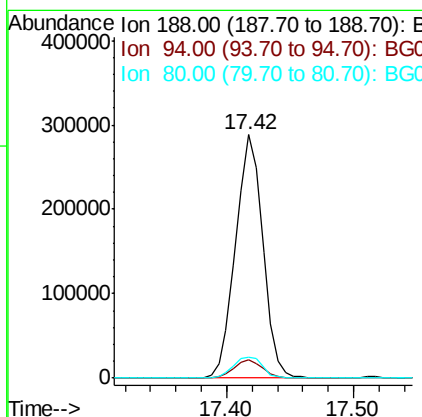
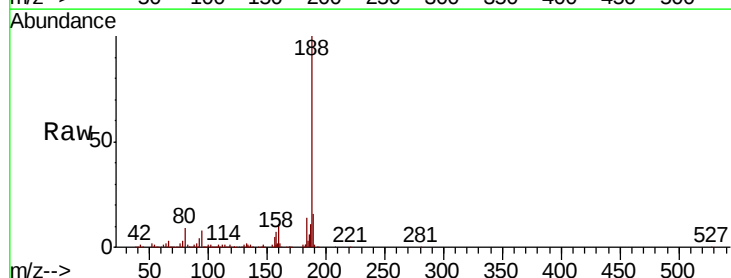
Instrument :
BNA_G
ClientSampled :
TP-11A

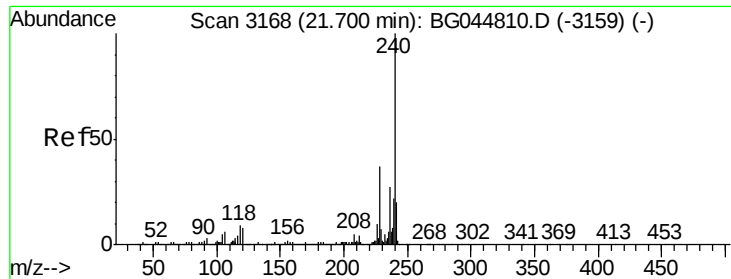
Tot Ion	163	Resp	120121
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.7	5.5
164	10.2	9.1	13.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Tgt Ion	188	Resp	429445
Ion Ratio	Lower	Upper	
188	100		
94	7.7	7.3	10.9
80	8.5	8.0	12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG044913.D

Acq: 20 Mar 2020 1:33

Instrument :

BNA_G

ClientSampleId :

TP-11A

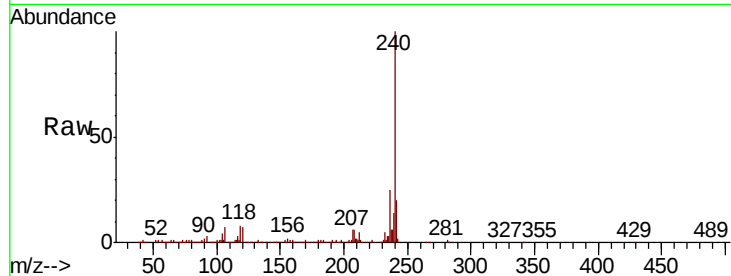
Tot Ion:240 Resp: 449795

Ion Ratio Lower Upper

240 100

120 7.3 6.7 10.1

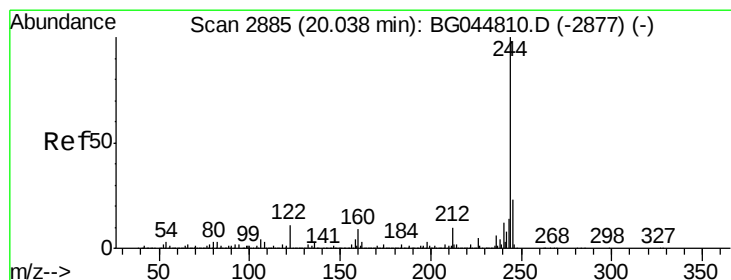
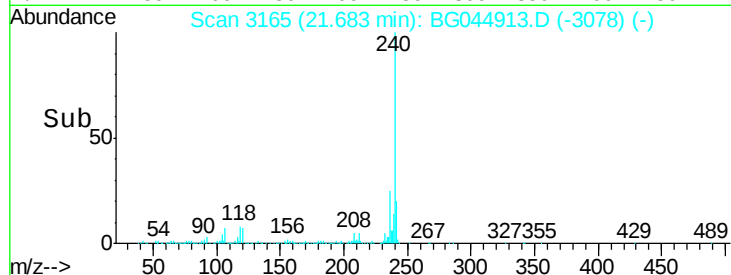
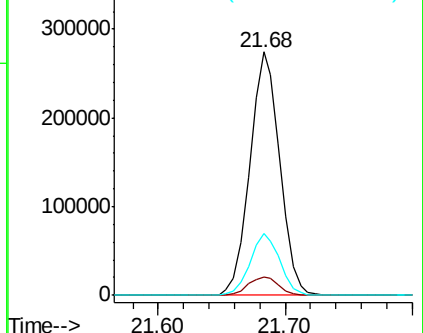
236 25.3 21.5 32.3



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: 81.871 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044913.D

Acq: 20 Mar 2020 1:33

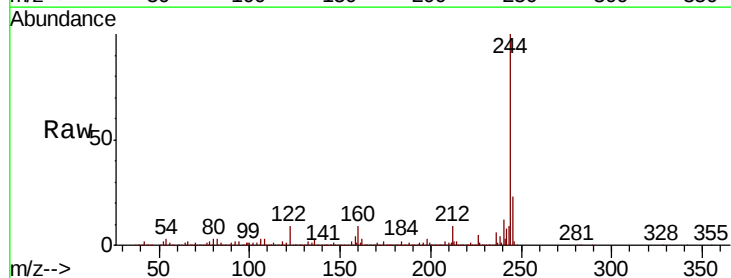
Tgt Ion:244 Resp: 1968694

Ion Ratio Lower Upper

244 100

212 9.3 7.7 11.5

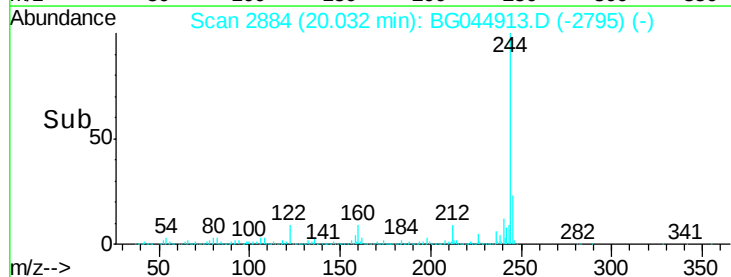
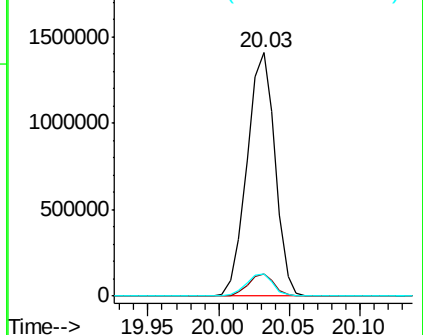
122 9.4 8.6 12.8

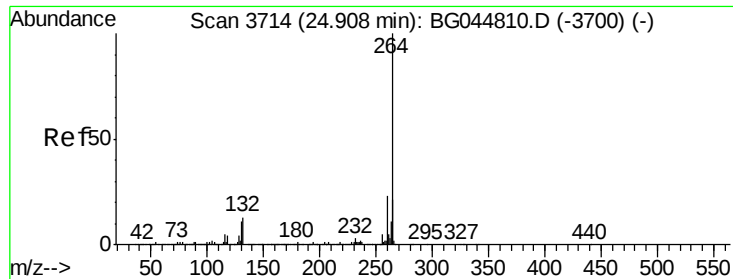


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

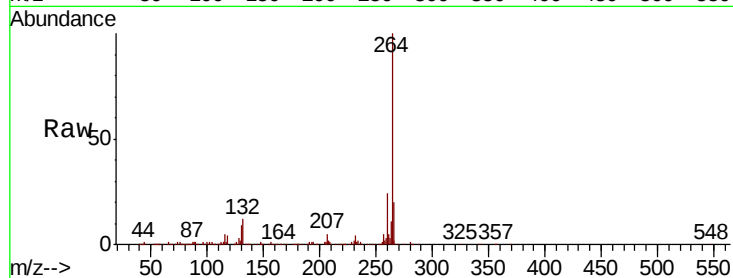




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3710
 Delta R.T. -0.02 min
 Lab File: BG044913.D
 Acq: 20 Mar 2020 1:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-11A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.1	27.1
265	20.5	17.1	25.7



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

