

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031920\
 Data File : BG044909.D
 Acq On : 19 Mar 2020 22:54
 Operator : CG/JU
 Sample : L1978-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6A

Quant Time: Mar 20 02:36:46 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

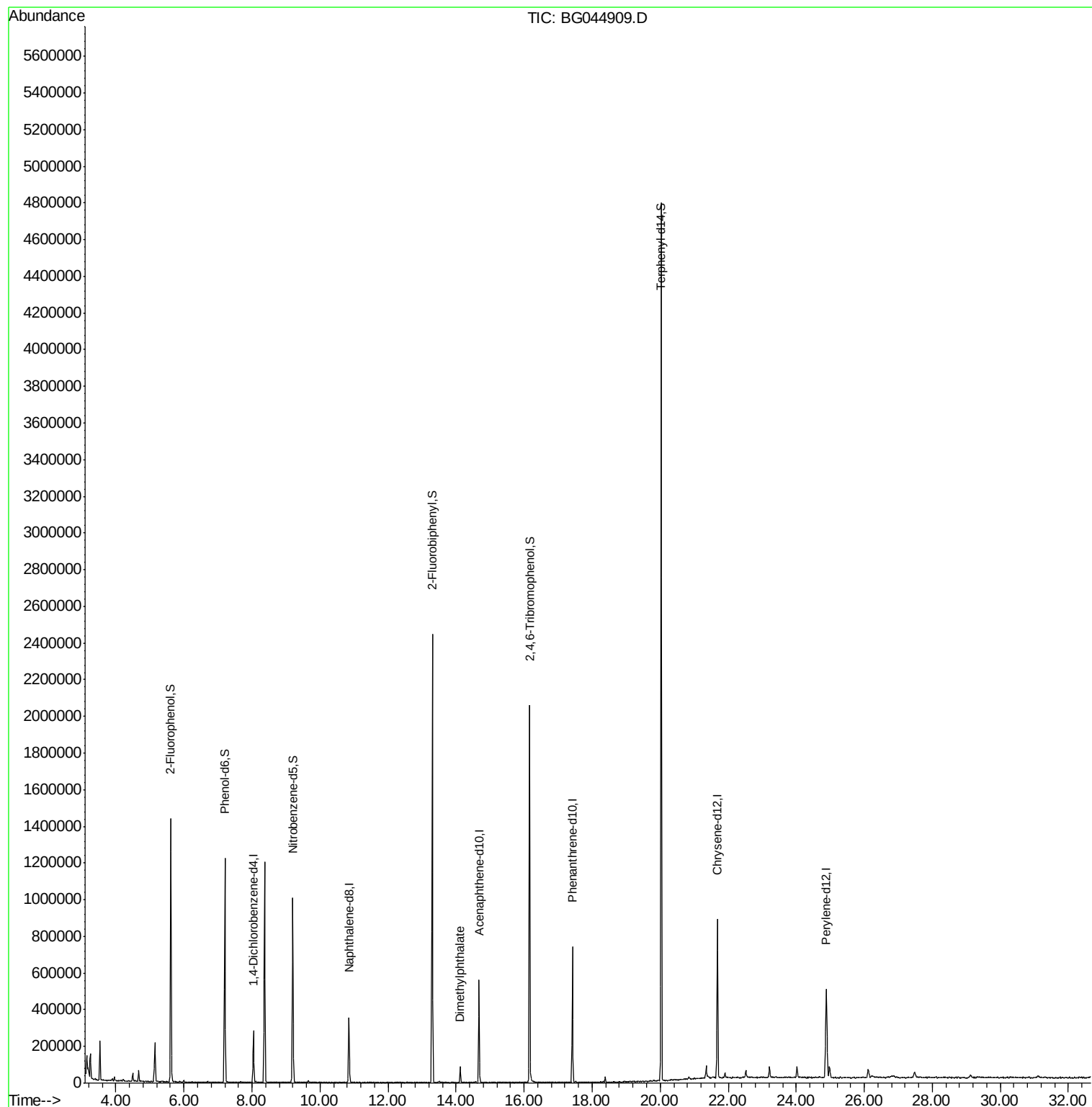
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	82150	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	309348	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	199754	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	476740	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	481083	20.00	ng	-0.02
87) Perylene-d12	24.89	264	542112	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	612706	116.10	ng	0.00
7) Phenol-d6	7.20	99	748923	97.68	ng	0.00
23) Nitrobenzene-d5	9.20	82	652686	92.58	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	413773	158.20	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1311309	94.01	ng	0.00
79) Terphenyl-d14	20.03	244	2278131	88.58	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.12	163	59943	3.768	ng	Qvalue # 98

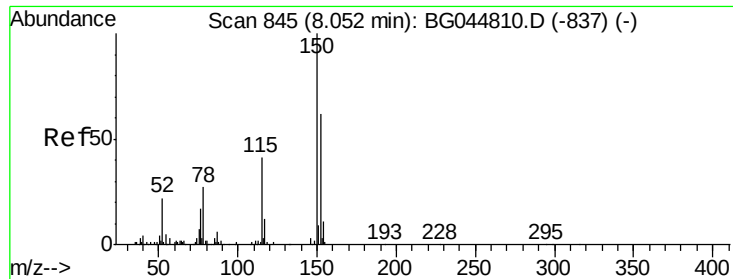
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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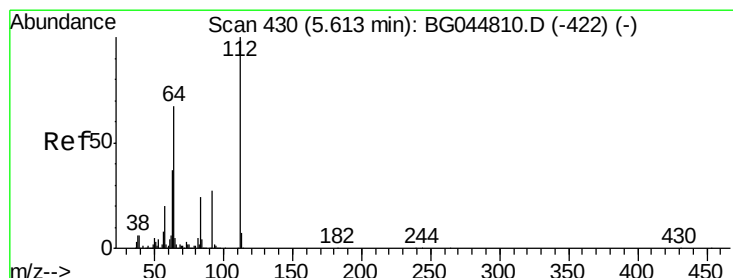
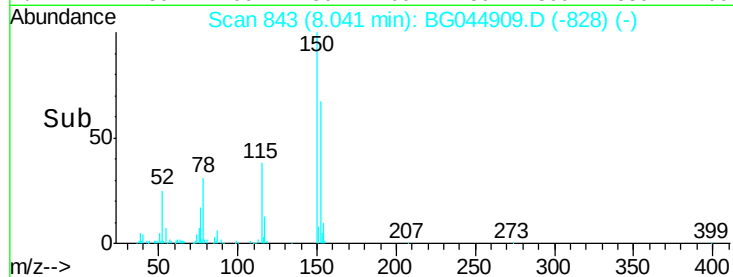
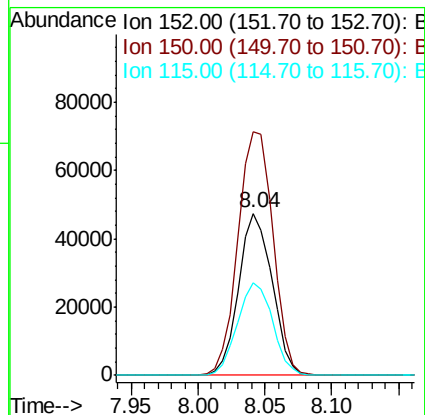
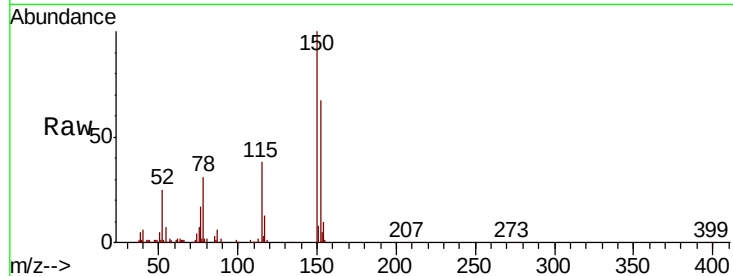


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG044909.D
 Acq: 19 Mar 2020 22:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-6A

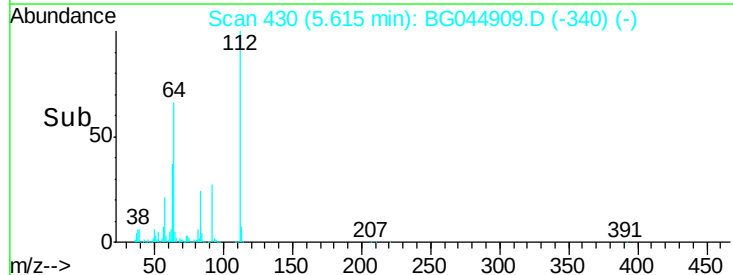
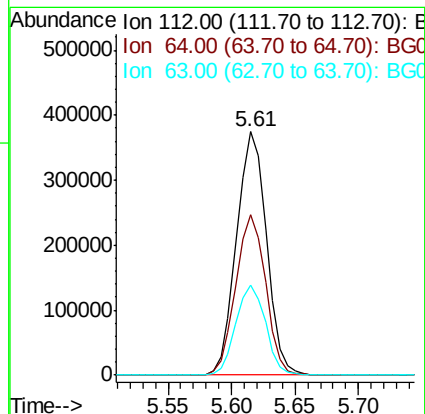
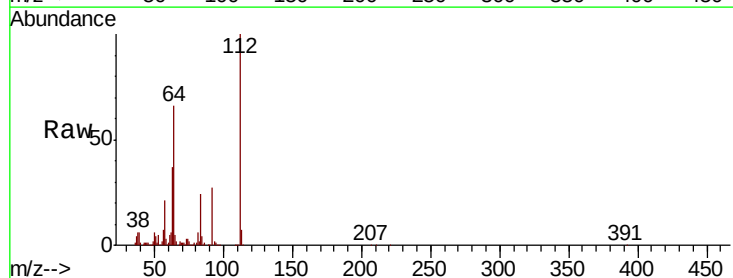
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	128.8	193.2
115	56.9	52.6	79.0

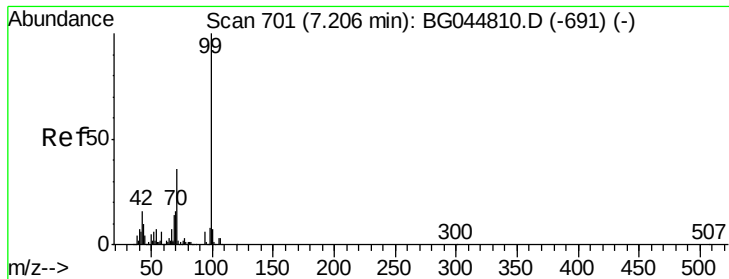


#5

2-Fluorophenol
 Concen: 116.104 ng
 RT: 5.61 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BG044909.D
 Acq: 19 Mar 2020 22:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	53.4	80.2
63	36.9	29.4	44.2





#7

Phenol-d6

Concen: 97.676 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044909.D

Acq: 19 Mar 2020 22:54

Instrument :

BNA_G

ClientSampleId :

TP-6A

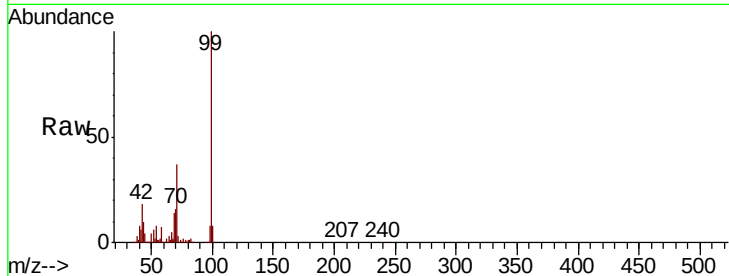
Tot Ion: 99 Resp: 748923

Ion Ratio Lower Upper

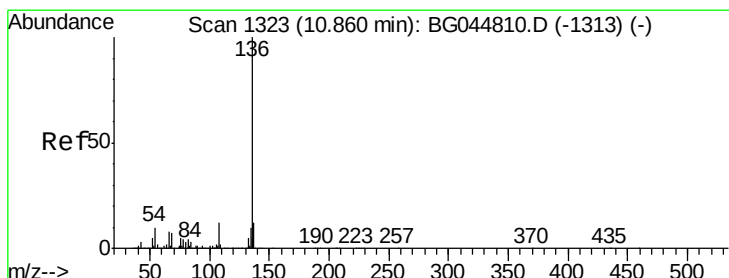
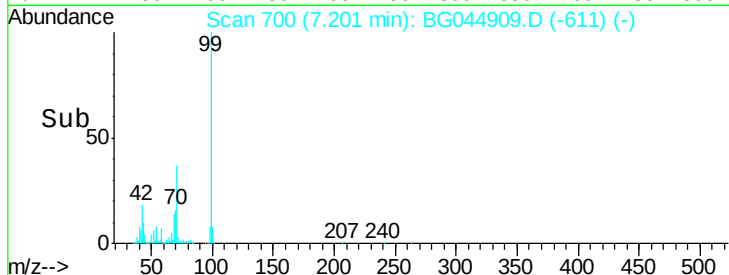
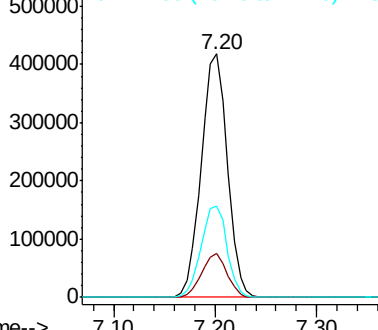
99 100

42 18.3 12.6 19.0

71 37.4 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: BG044909.D

Acq: 19 Mar 2020 22:54

Tgt Ion: 136 Resp: 309348

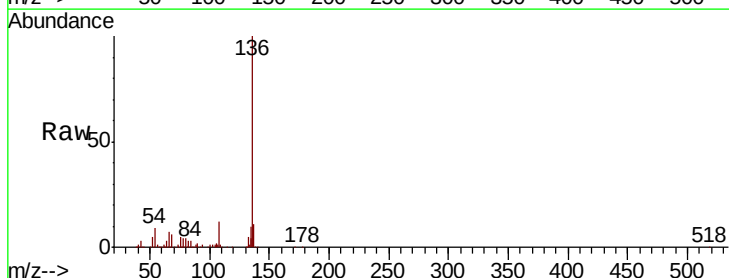
Ion Ratio Lower Upper

136 100

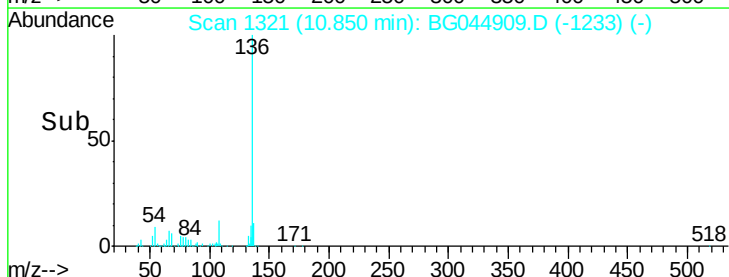
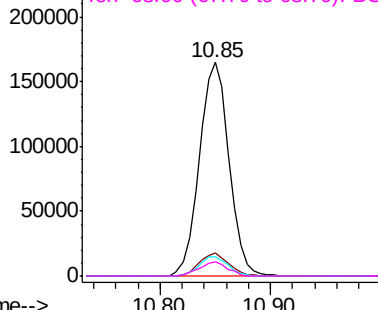
137 10.5 9.8 14.6

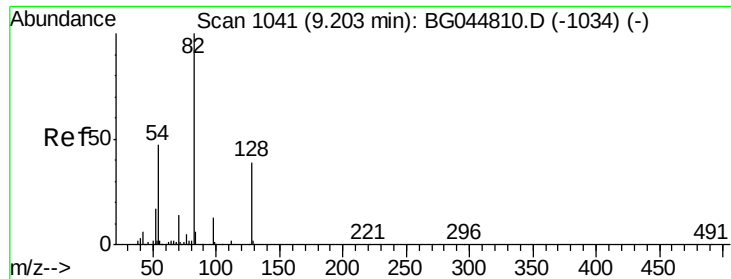
54 8.9 7.9 11.9

68 6.5 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

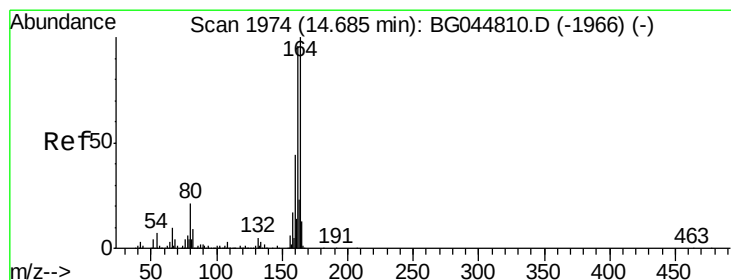
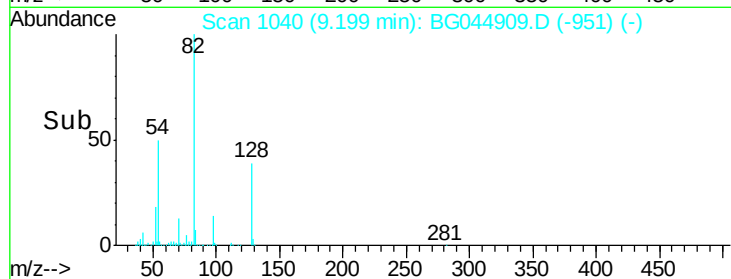
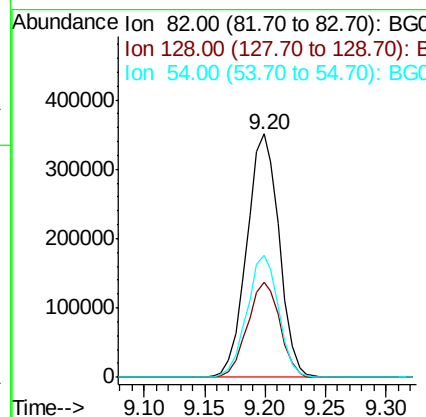
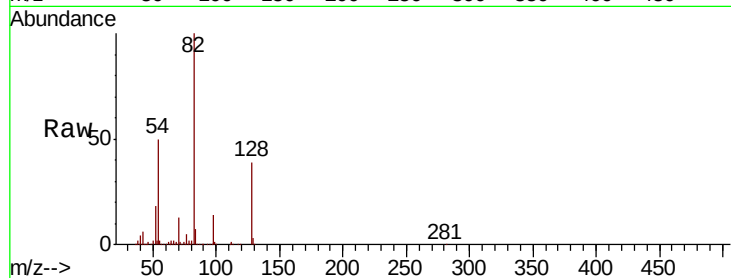




#23
 Nitrobenzene-d5
 Concen: 92.584 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044909.D
 Acq: 19 Mar 2020 22:54

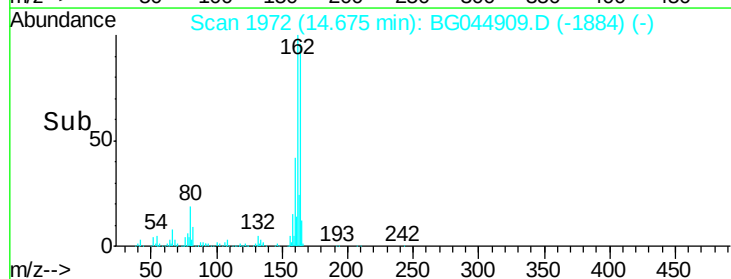
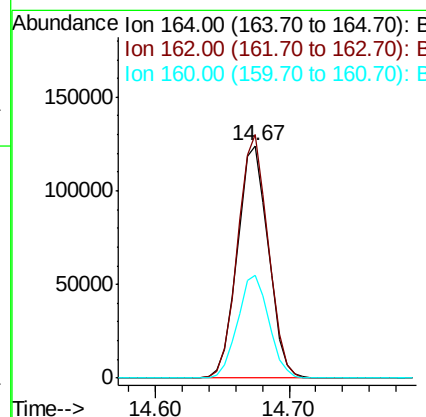
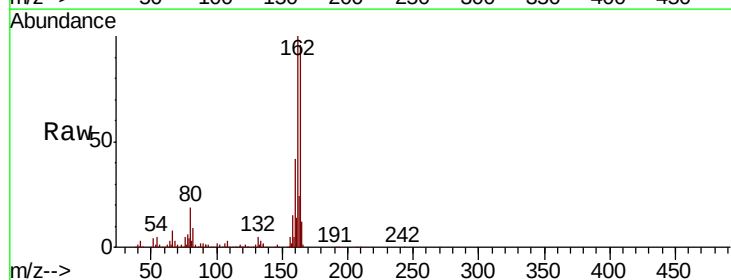
Instrument :
 BNA_G
 ClientSampleId :
 TP-6A

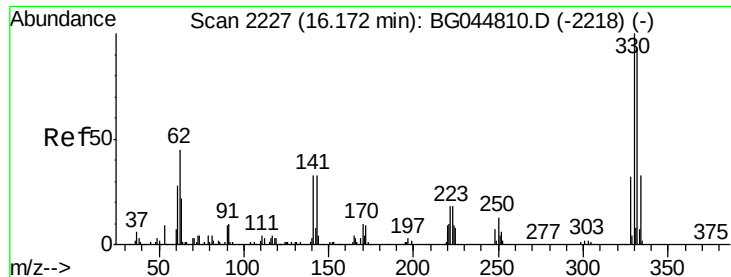
Tot Ion	82	Resp	652686
Ion Ratio	Lower	Upper	
82	100		
128	39.3	30.6	46.0
54	50.1	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044909.D
 Acq: 19 Mar 2020 22:54

Tgt Ion	164	Resp	199754
Ion Ratio	Lower	Upper	
164	100		
162	104.7	76.7	115.1
160	44.4	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 158.202 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044909.D

Acq: 19 Mar 2020 22:54

Instrument :

BNA_G

ClientSampleId :

TP-6A

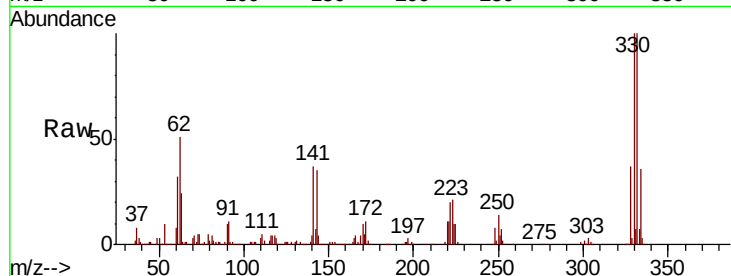
Tot Ion:330 Resp: 413773

Ion Ratio Lower Upper

330 100

332 98.4 77.8 116.6

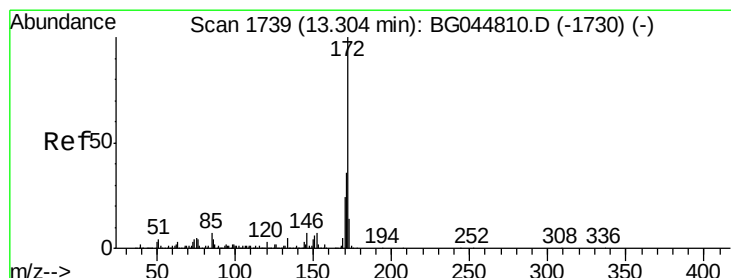
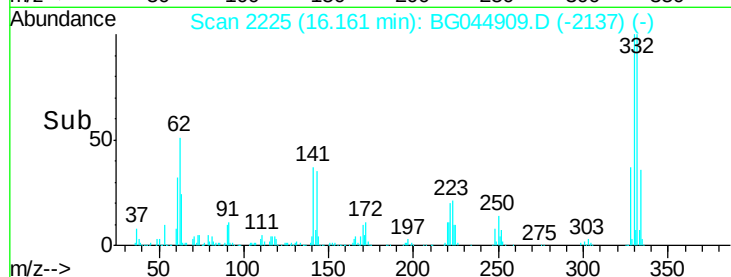
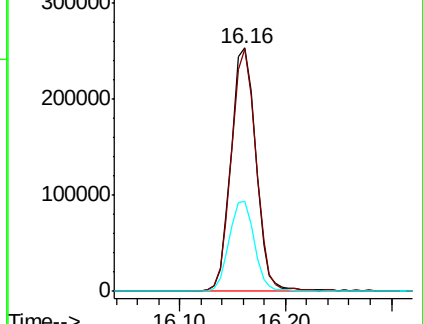
141 37.2 29.5 44.3



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: 94.008 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BG044909.D

Acq: 19 Mar 2020 22:54

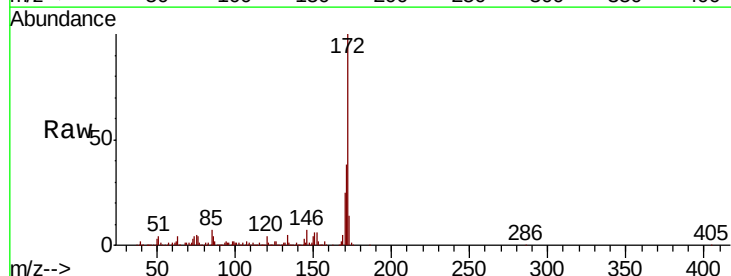
Tgt Ion:172 Resp: 1311309

Ion Ratio Lower Upper

172 100

171 37.6 28.7 43.1

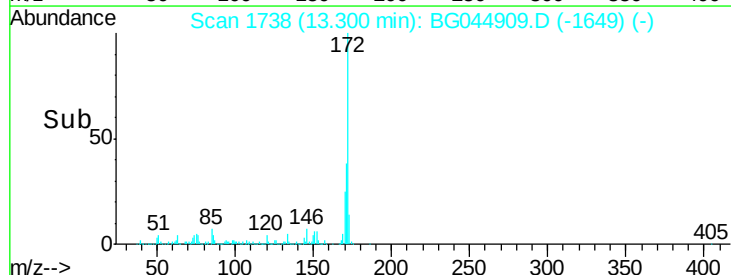
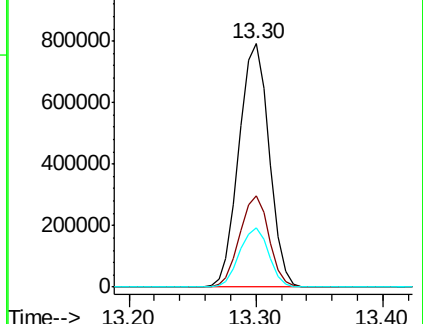
170 24.5 19.0 28.6

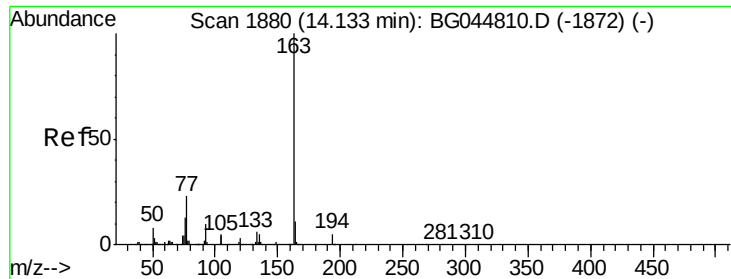


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.768 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.02 min

Lab File: BG044909.D

Acq: 19 Mar 2020 22:54

Instrument :

BNA_G

ClientSampled :

TP-6A

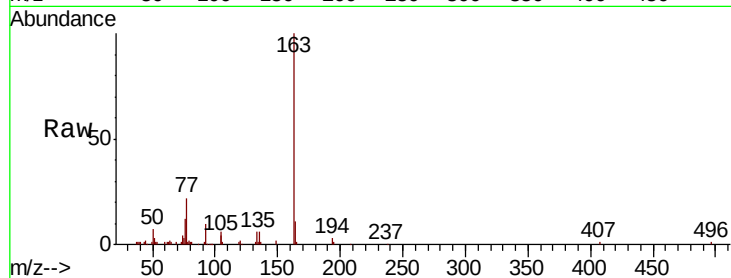
Tot Ion:163 Resp: 59943

Ion Ratio Lower Upper

163 100

194 2.9 3.7 5.5#

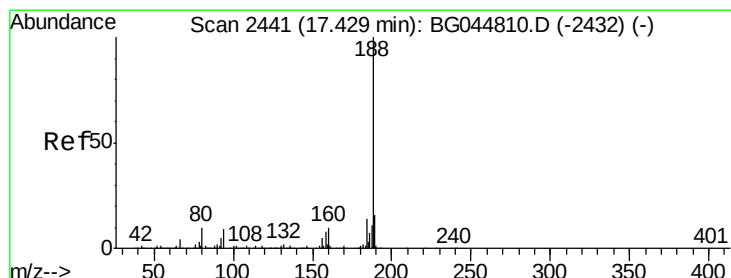
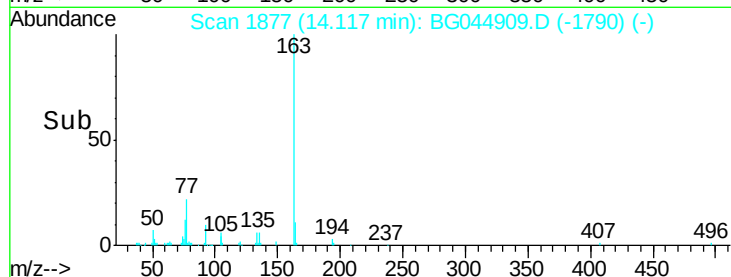
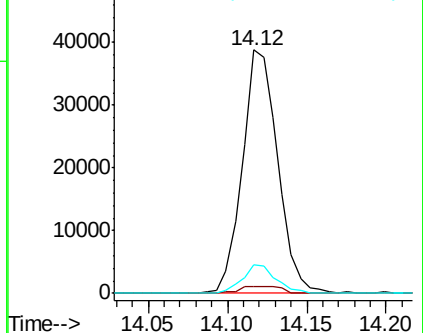
164 11.5 9.1 13.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044909.D

Acq: 19 Mar 2020 22:54

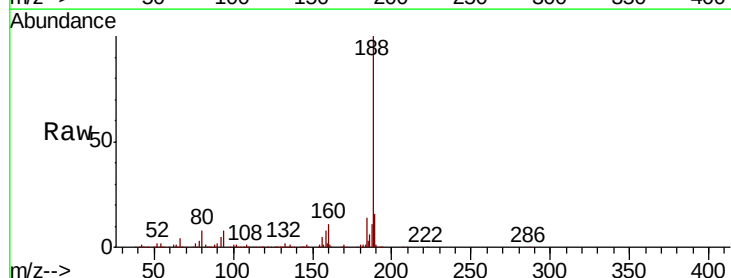
Tgt Ion:188 Resp: 476740

Ion Ratio Lower Upper

188 100

94 7.7 7.3 10.9

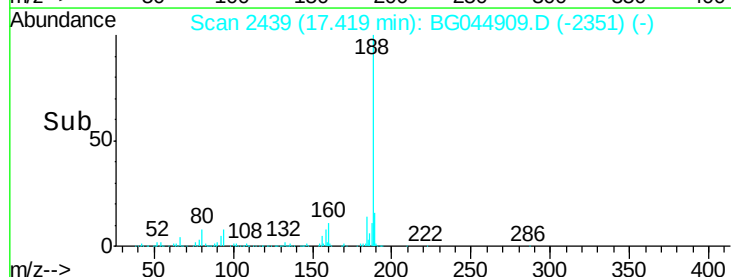
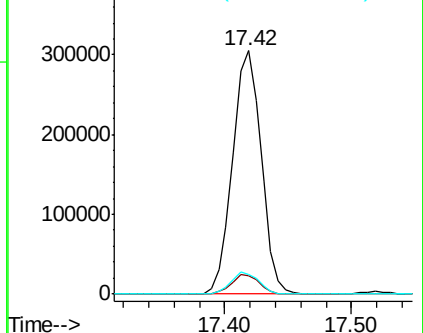
80 7.9 8.0 12.0#

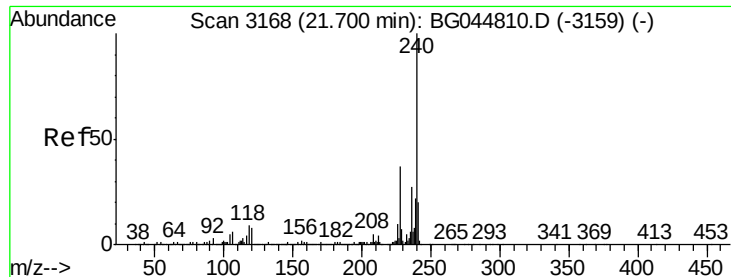


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

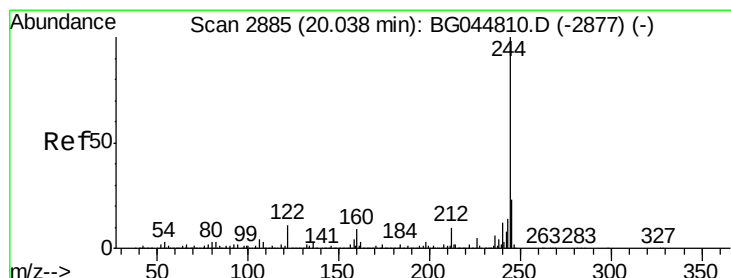
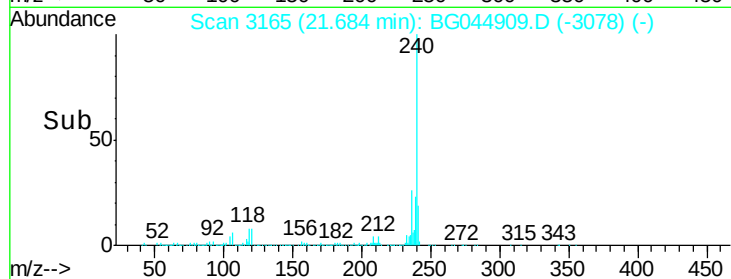
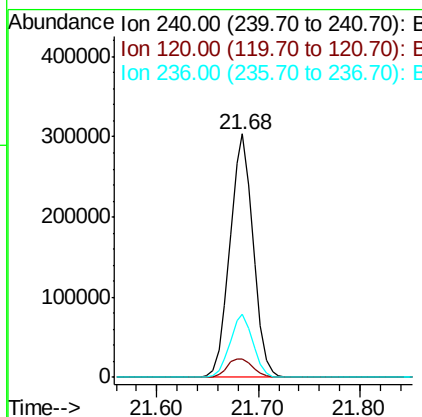
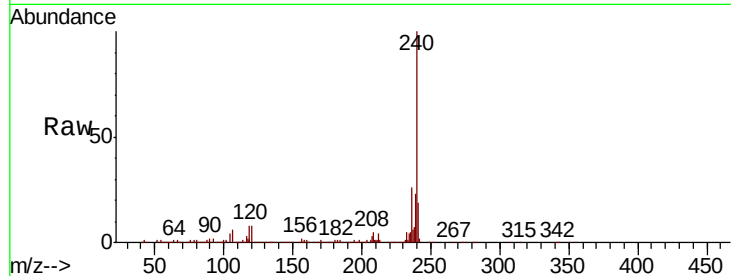




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044909.D
Acq: 19 Mar 2020 22:54

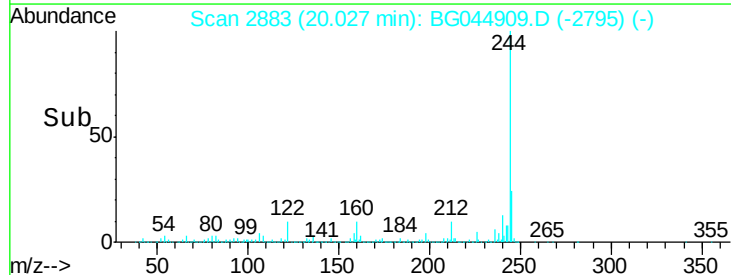
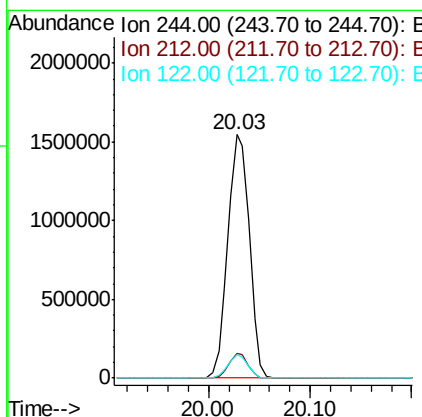
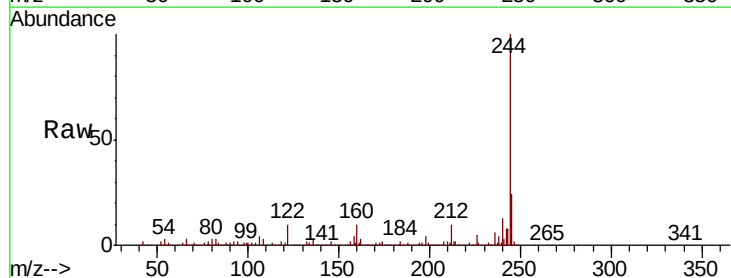
Instrument :
BNA_G
ClientSampleId :
TP-6A

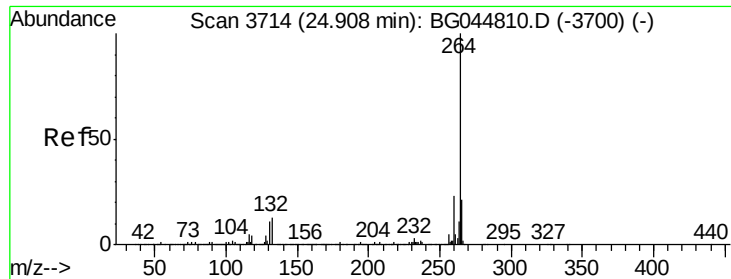
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.7	10.1
236	26.1	21.5	32.3



#79
Terphenyl-d14
Concen: 88.578 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.01 min
Lab File: BG044909.D
Acq: 19 Mar 2020 22:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.7	11.5
122	9.8	8.6	12.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG044909.D
Acq: 19 Mar 2020 22:54

Instrument :
BNA_G
ClientSampleId :
TP-6A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.1	27.1
265	20.7	17.1	25.7

