

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031920\
 Data File : BG044908.D
 Acq On : 19 Mar 2020 22:14
 Operator : CG/JU
 Sample : L1978-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5A

Quant Time: Mar 20 02:33:23 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

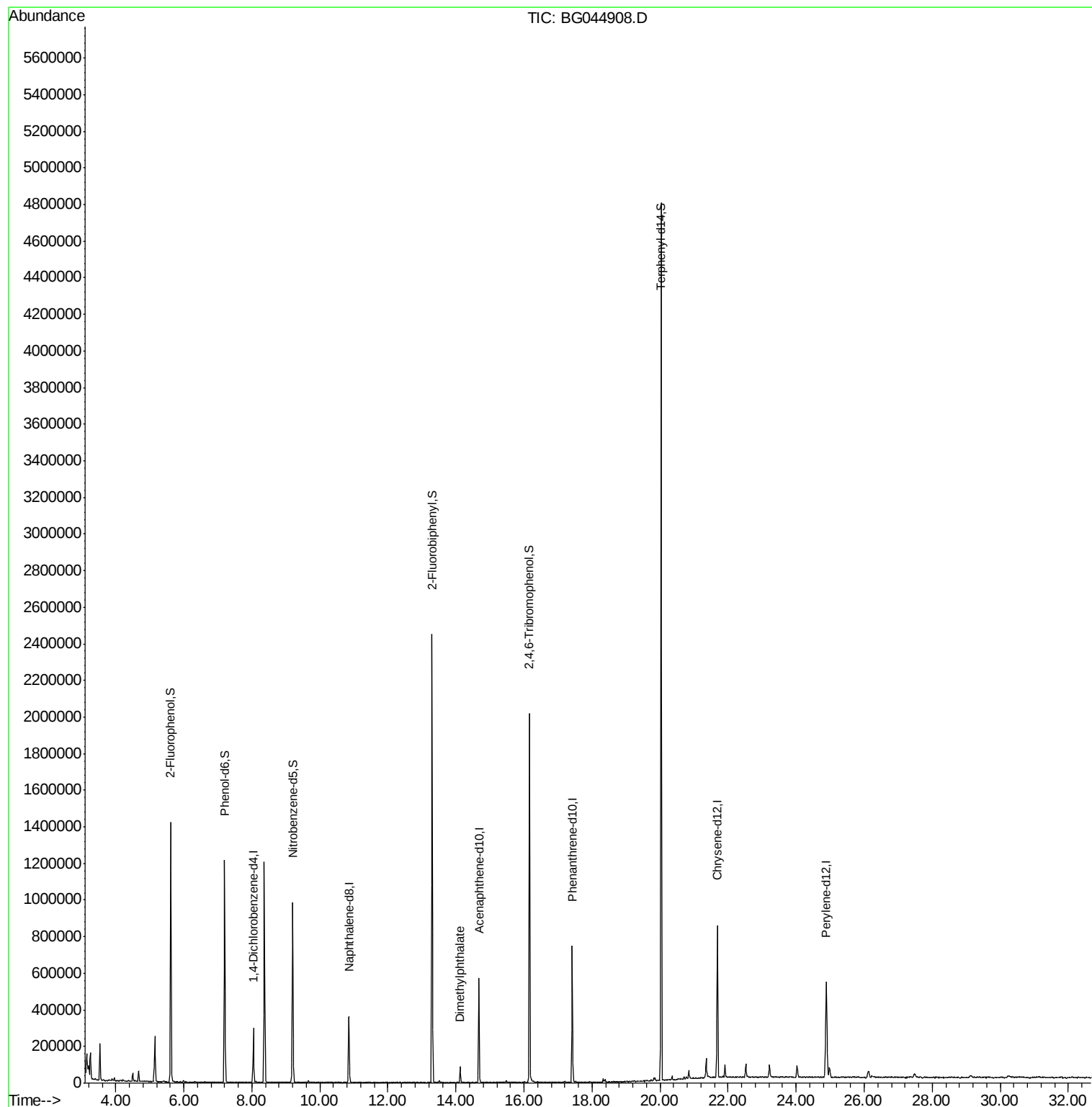
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	83999	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	319065	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	210034	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	486779	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	492422	20.00	ng	-0.01
87) Perylene-d12	24.89	264	567964	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	613527	113.70	ng	0.00
7) Phenol-d6	7.20	99	755034	96.31	ng	0.00
23) Nitrobenzene-d5	9.20	82	650103	89.41	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	417974	151.99	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1310266	89.34	ng	0.00
79) Terphenyl-d14	20.03	244	2271057	86.27	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	59724	3.570	ng	Qvalue 99

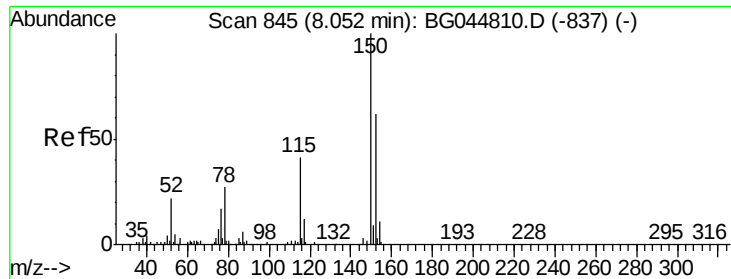
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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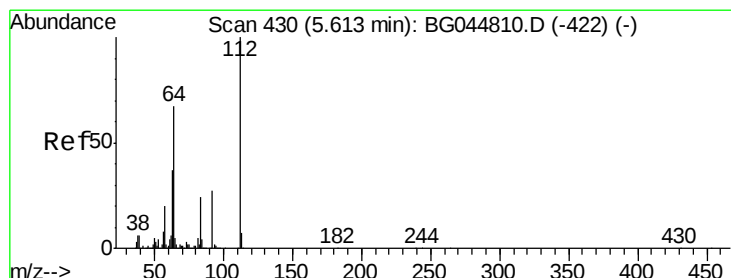
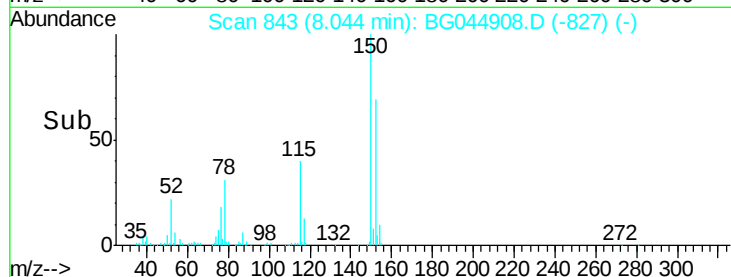
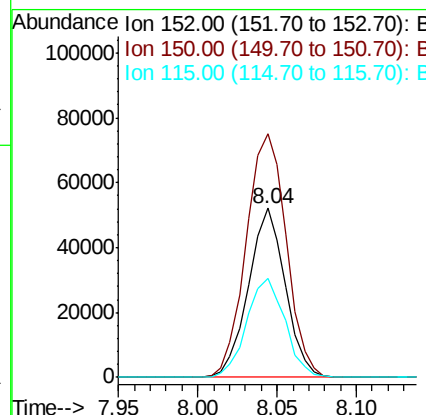
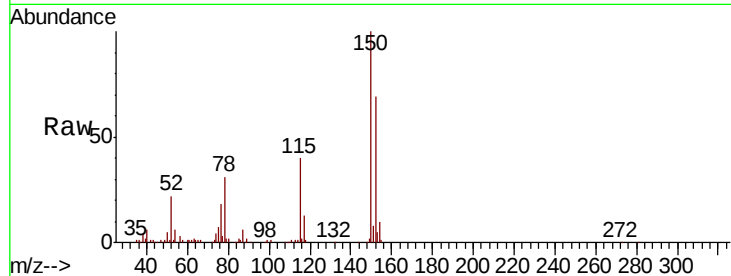


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044908.D
Acq: 19 Mar 2020 22:14

Instrument :
BNA_G
ClientSampled :
TP-5A

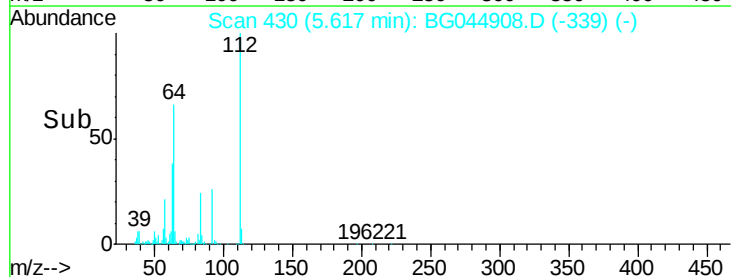
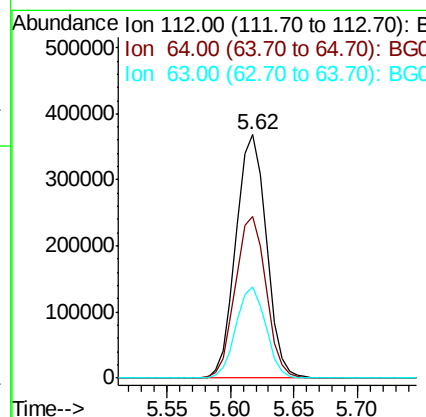
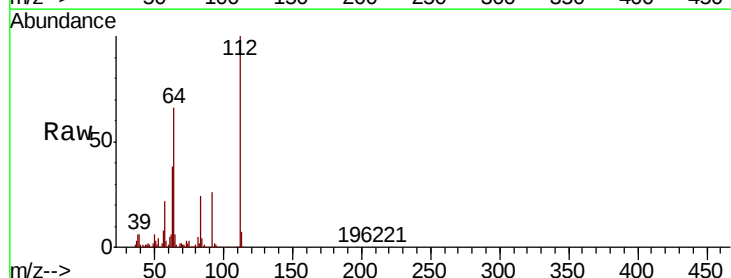
Tot Ion	Ratio	Lower	Upper
152	100		
150	144.0	128.8	193.2
115	58.3	52.6	79.0

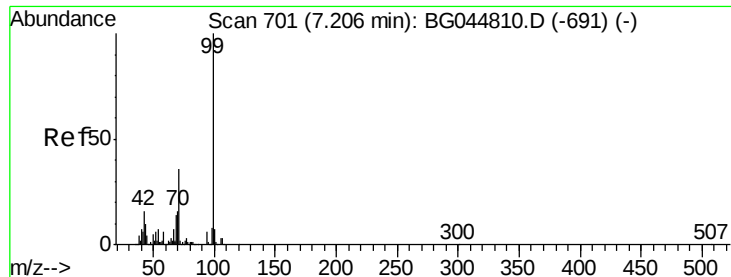


#5

2-Fluorophenol
Concen: 113.700 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044908.D
Acq: 19 Mar 2020 22:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.4	80.2
63	37.6	29.4	44.2





#7

Phenol-d6

Concen: 96.305 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG044908.D

Acq: 19 Mar 2020 22:14

Instrument :

BNA_G

ClientSampled :

TP-5A

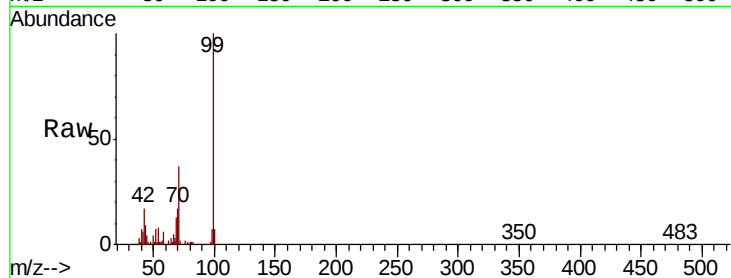
Tot Ion: 99 Resp: 755034

Ion Ratio Lower Upper

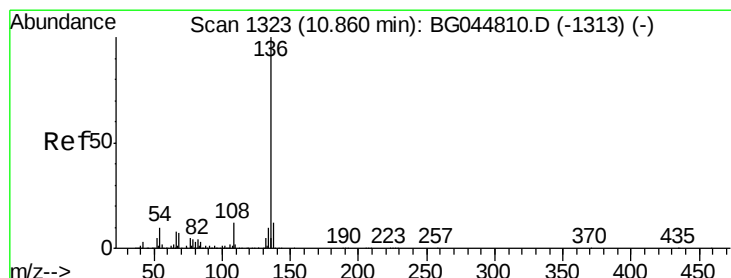
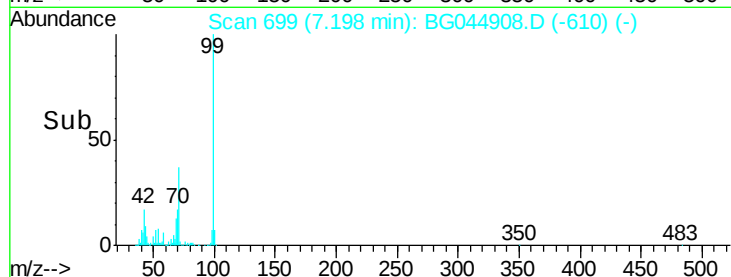
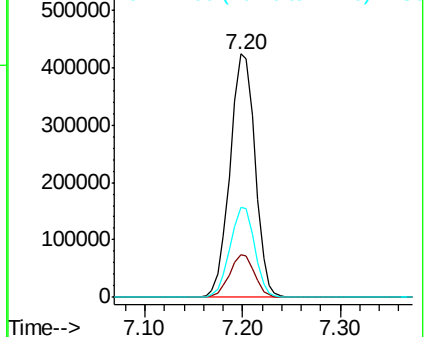
99 100

42 17.5 12.6 19.0

71 36.8 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: BG044908.D

Acq: 19 Mar 2020 22:14

Tgt Ion: 136 Resp: 319065

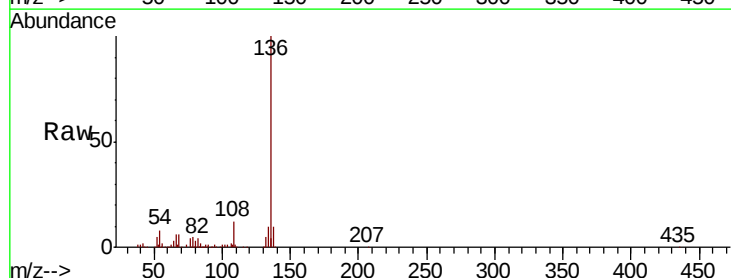
Ion Ratio Lower Upper

136 100

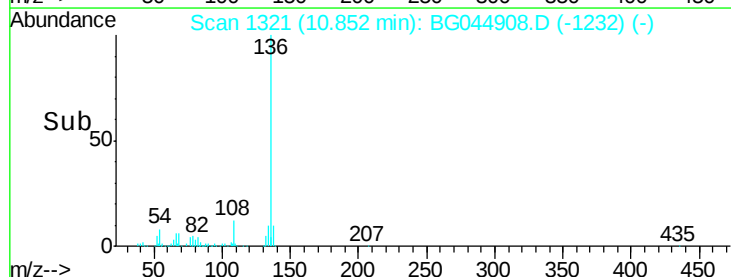
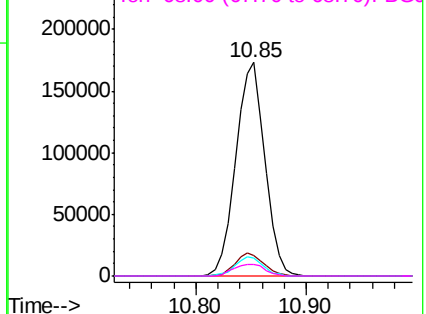
137 9.7 9.8 14.6#

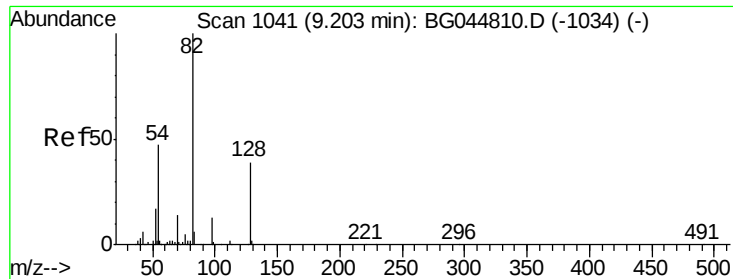
54 8.4 7.9 11.9

68 5.6 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

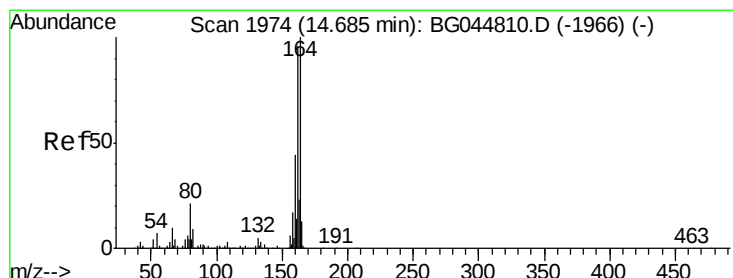
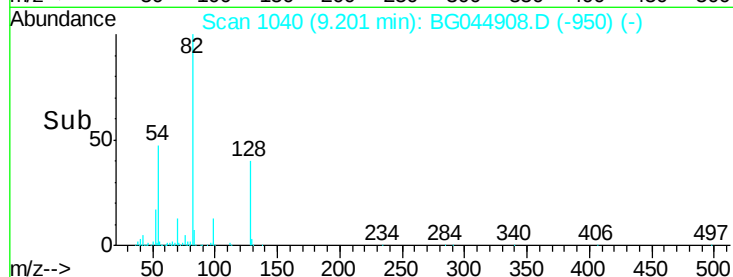
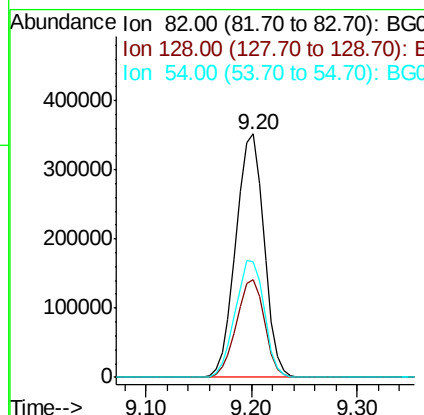
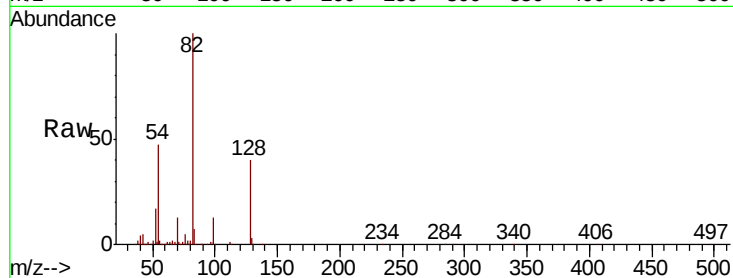




#23
Nitrobenzene-d5
Concen: 89.409 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044908.D
Acq: 19 Mar 2020 22:14

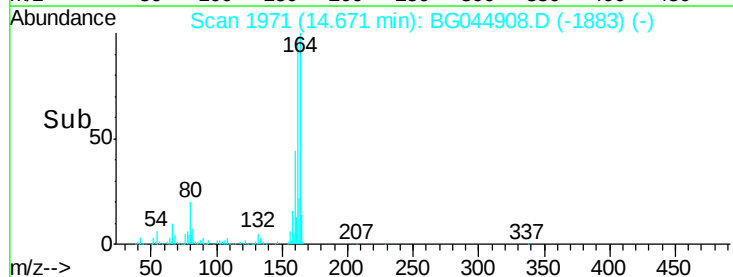
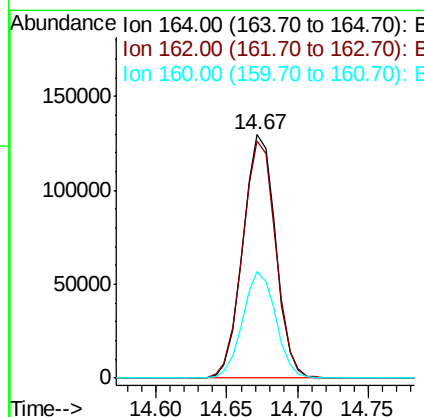
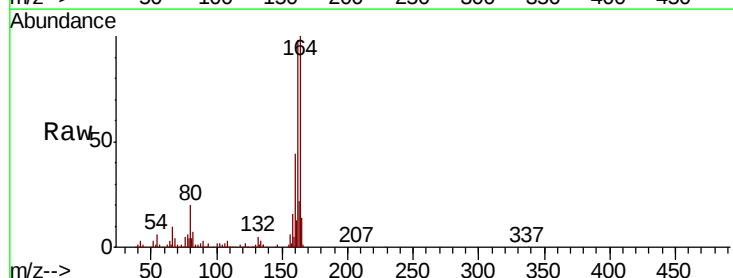
Instrument :
BNA_G
ClientSampleId :
TP-5A

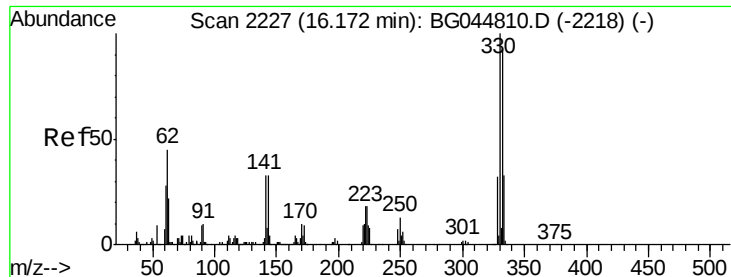
Tot Ion	82	Resp	650103
Ion Ratio	Lower	Upper	
82	100		
128	40.0	30.6	46.0
54	47.4	37.1	55.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG044908.D
Acq: 19 Mar 2020 22:14

Tgt Ion	164	Resp	210034
Ion Ratio	Lower	Upper	
164	100		
162	97.6	76.7	115.1
160	43.7	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 151.986 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG044908.D

Acq: 19 Mar 2020 22:14

Instrument :

BNA_G

ClientSampleId :

TP-5A

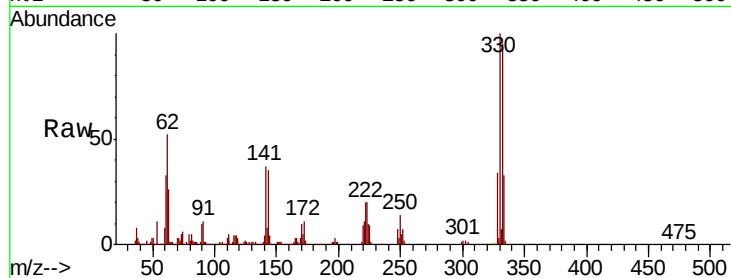
Tot Ion:330 Resp: 417974

Ion Ratio Lower Upper

330 100

332 95.0 77.8 116.6

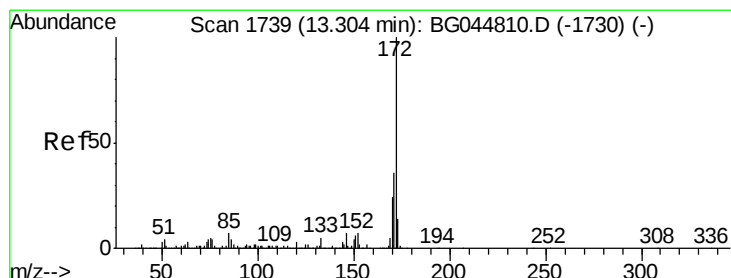
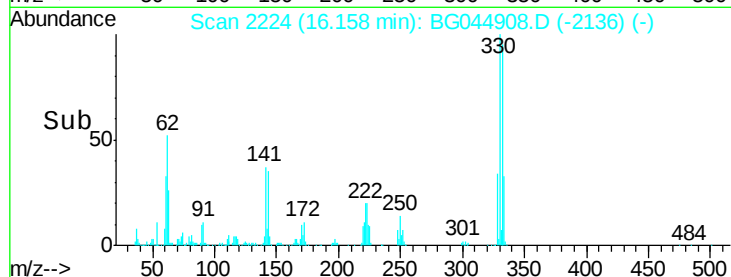
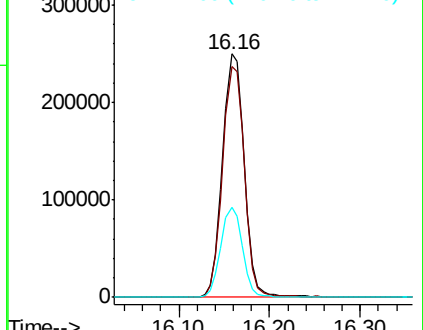
141 36.6 29.5 44.3



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: 89.335 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.01 min

Lab File: BG044908.D

Acq: 19 Mar 2020 22:14

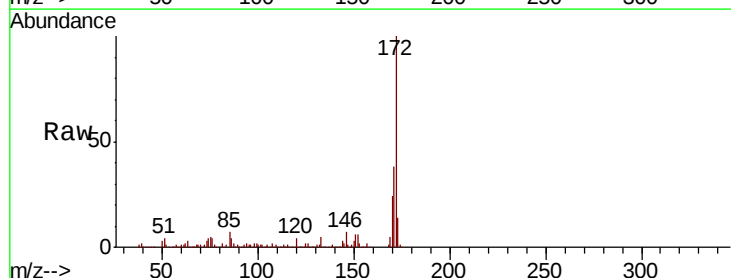
Tgt Ion:172 Resp: 1310266

Ion Ratio Lower Upper

172 100

171 37.8 28.7 43.1

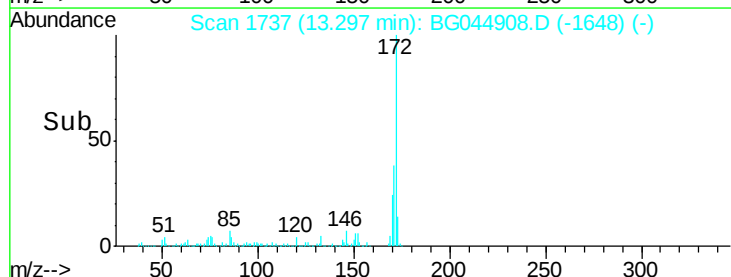
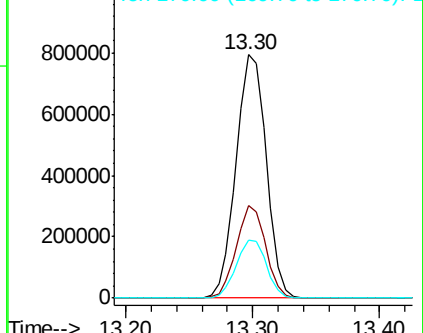
170 24.0 19.0 28.6

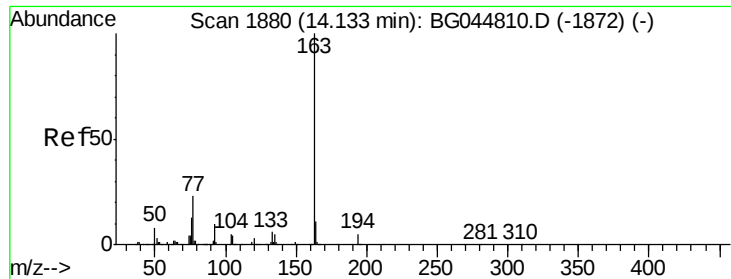


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.570 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG044908.D

Acq: 19 Mar 2020 22:14

Instrument :

BNA_G

ClientSampleId :

TP-5A

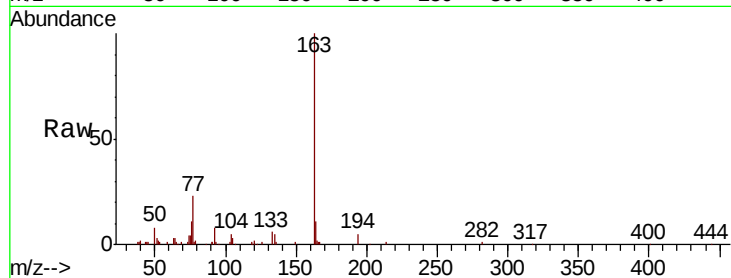
Tot Ion:163 Resp: 59724

Ion Ratio Lower Upper

163 100

194 5.5 3.7 5.5

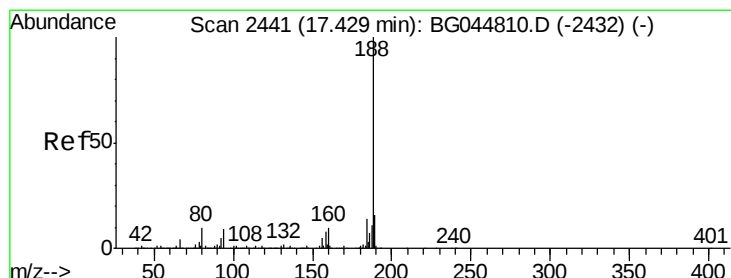
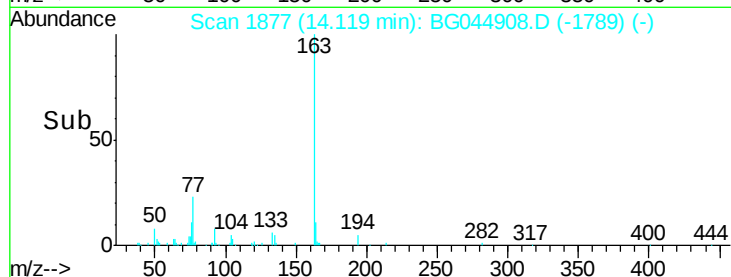
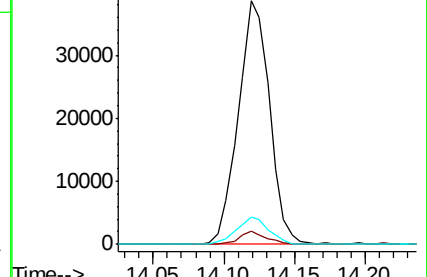
164 11.4 9.1 13.7



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# 2438

Delta R.T. -0.01 min

Lab File: BG044908.D

Acq: 19 Mar 2020 22:14

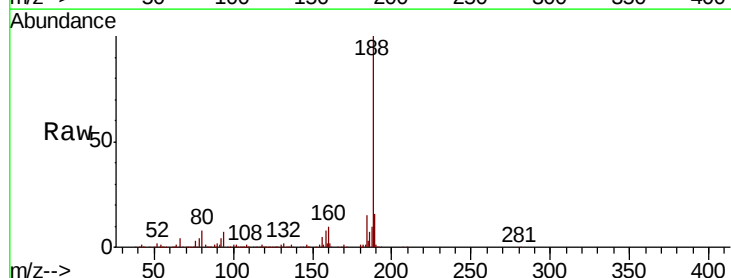
Tgt Ion:188 Resp: 486779

Ion Ratio Lower Upper

188 100

94 7.1 7.3 10.9#

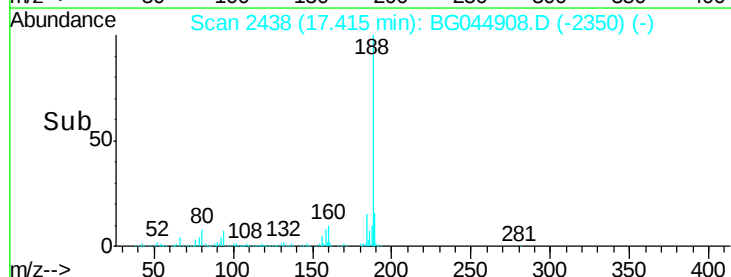
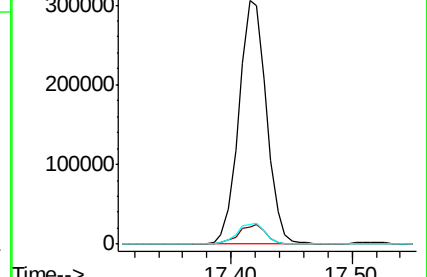
80 8.2 8.0 12.0

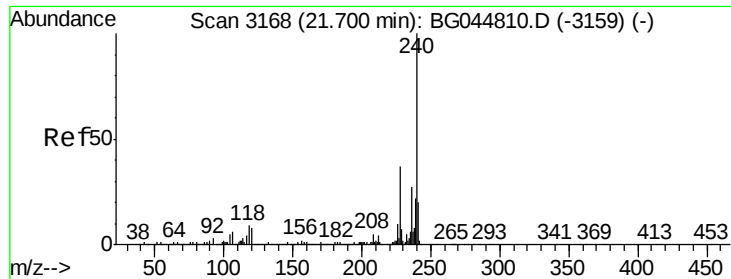


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

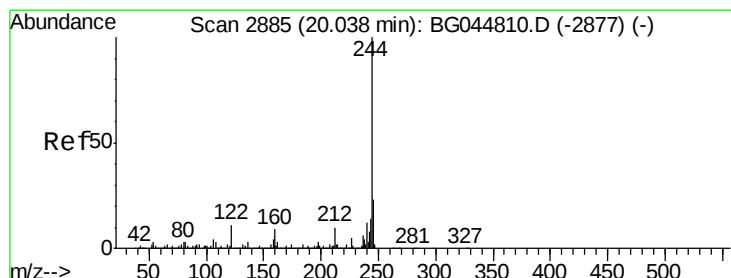
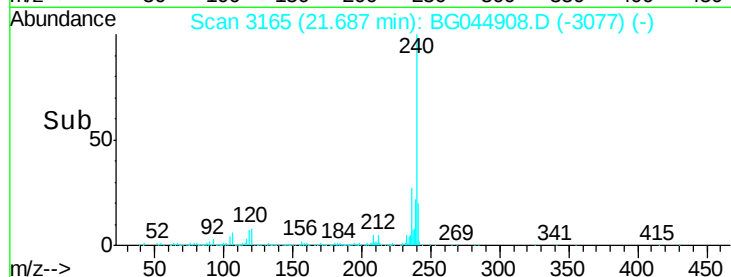
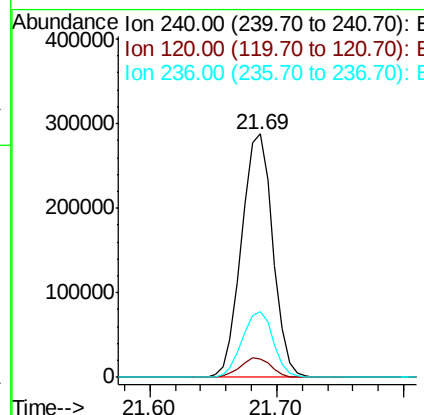
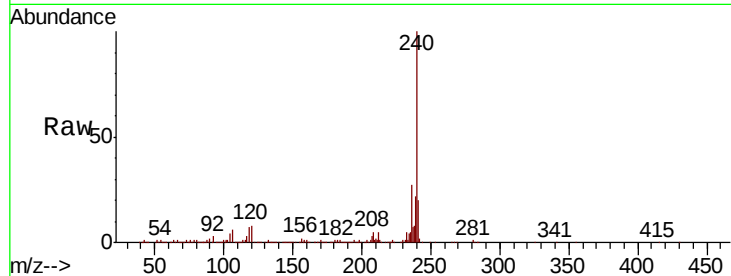




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG044908.D
Acq: 19 Mar 2020 22:14

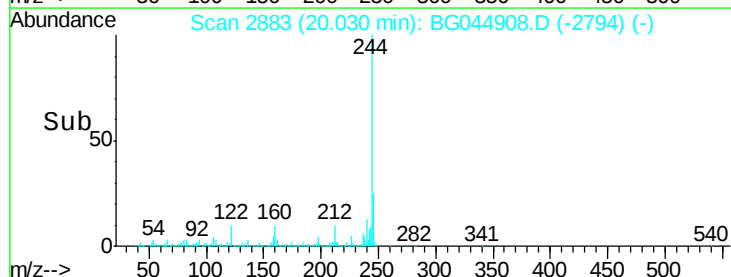
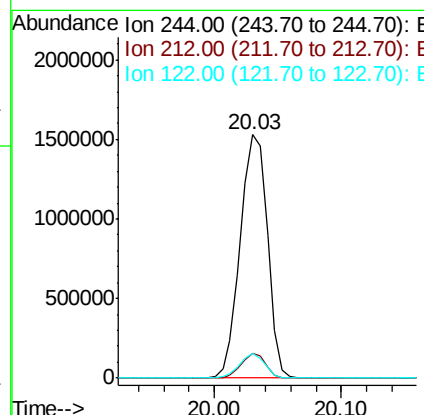
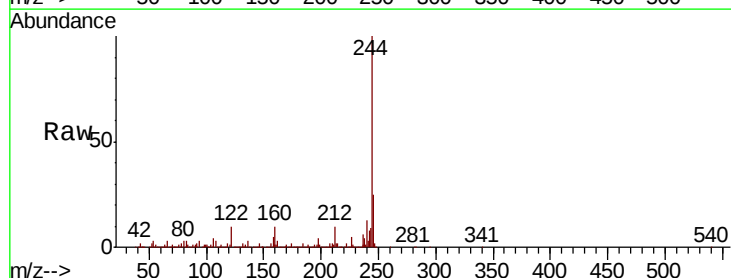
Instrument :
BNA_G
ClientSampleId :
TP-5A

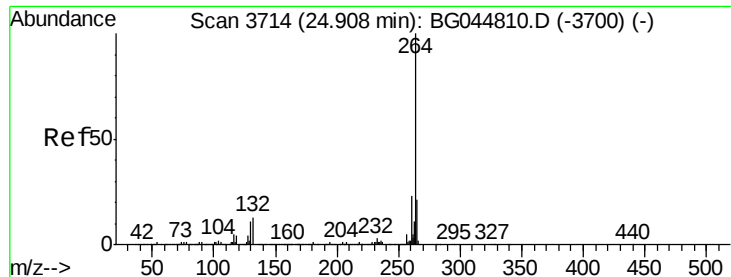
Tot Ion:240 Resp: 492422
Ion Ratio Lower Upper
240 100
120 7.8 6.7 10.1
236 26.8 21.5 32.3



#79
Terphenyl-d14
Concen: 86.270 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.01 min
Lab File: BG044908.D
Acq: 19 Mar 2020 22:14

Tgt Ion:244 Resp: 2271057
Ion Ratio Lower Upper
244 100
212 9.9 7.7 11.5
122 10.0 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: BG044908.D
Acq: 19 Mar 2020 22:14

Instrument :
BNA_G
ClientSampleId :
TP-5A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.1	27.1
265	22.4	17.1	25.7

