

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044804.D
 Acq On : 14 Mar 2020 21:00
 Operator : CG/JU
 Sample : L1893-16
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-SA

Quant Time: Mar 16 10:53:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

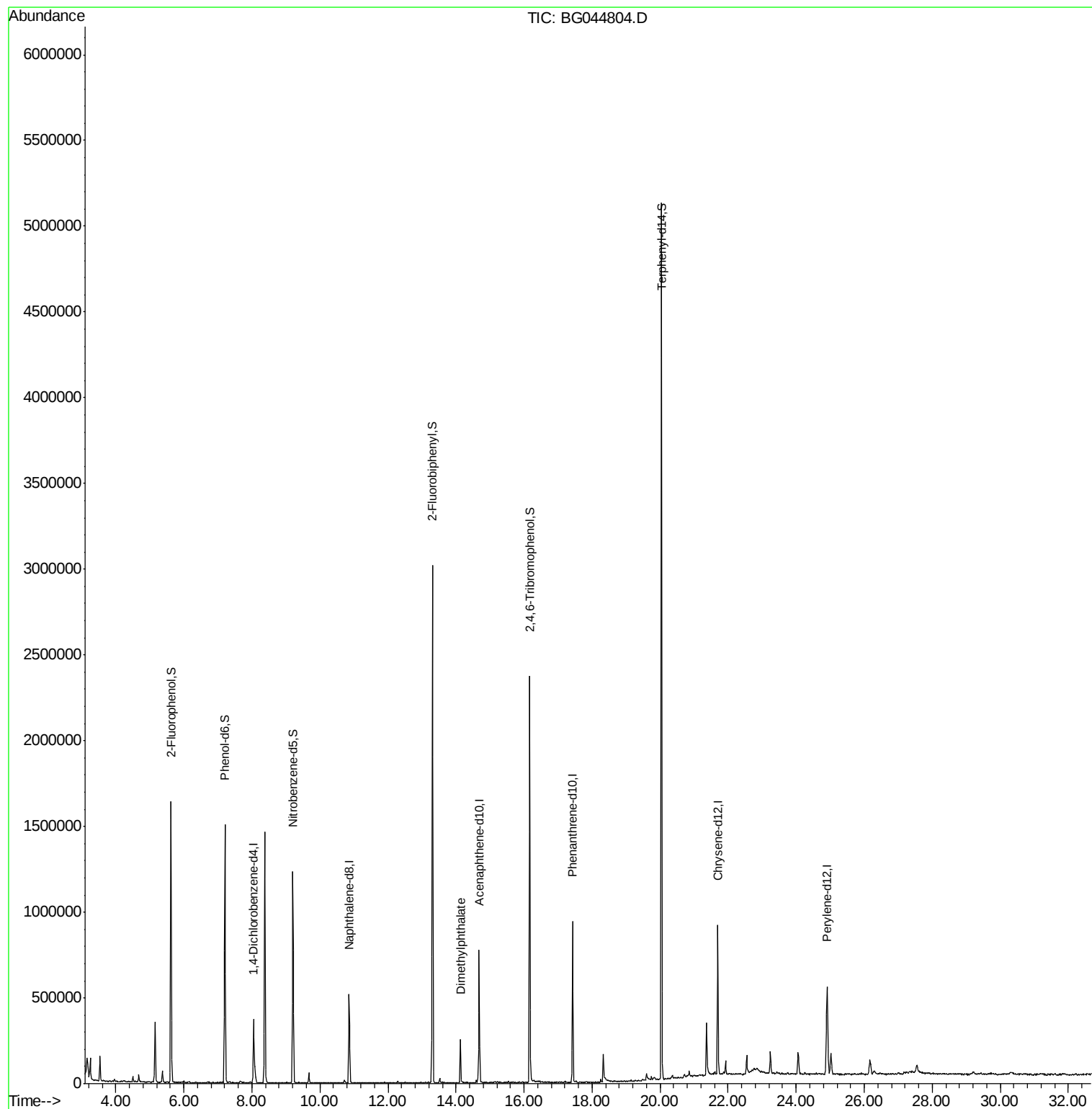
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	105016	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	425188	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	277996	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	582652	20.00	ng	0.00
76) Chrysene-d12	21.70	240	502103	20.00	ng	-0.01
87) Perylene-d12	24.91	264	564706	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	705010	104.51	ng	0.00
7) Phenol-d6	7.20	99	920503	93.91	ng	0.00
23) Nitrobenzene-d5	9.21	82	788243	81.35	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	460078	126.40	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1625566	83.74	ng	0.00
79) Terphenyl-d14	20.04	244	2295208	85.51	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	165834	7.490	ng	Qvalue 98

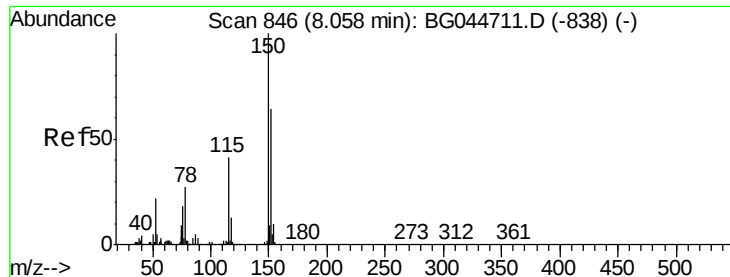
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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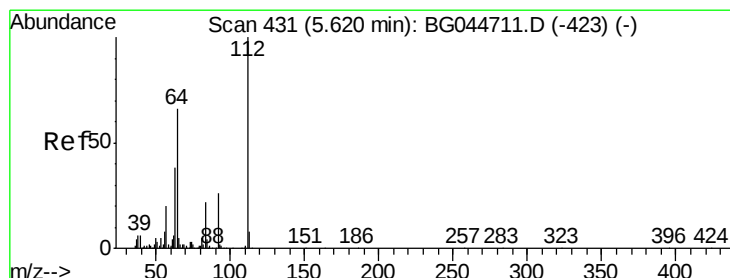
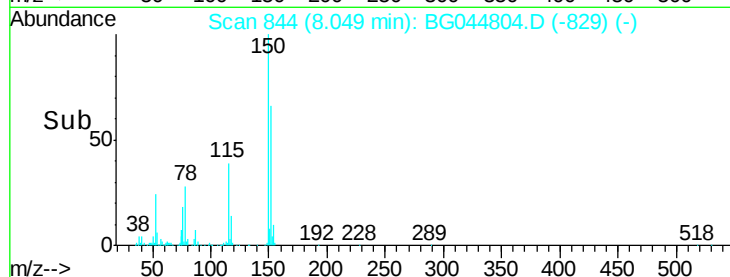
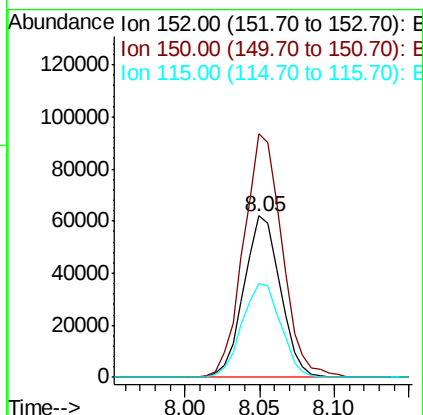
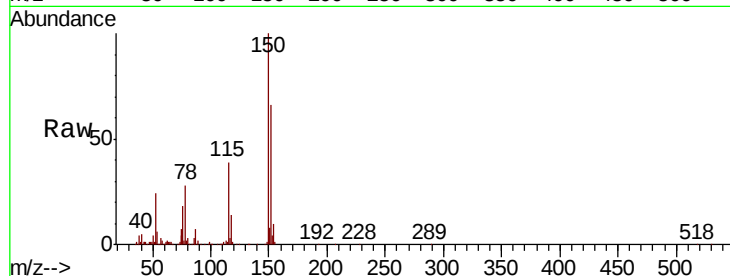


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044804.D
Acq: 14 Mar 2020 21:00

Instrument :
BNA_G
ClientSampleId :
TP-4-SA

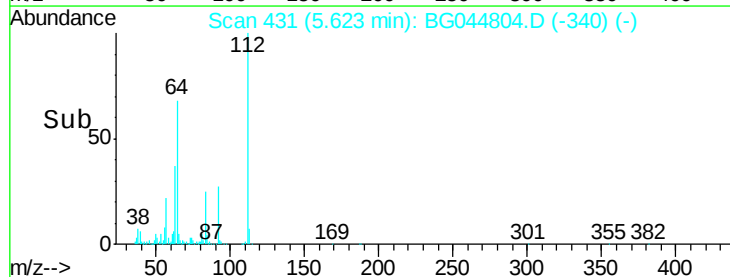
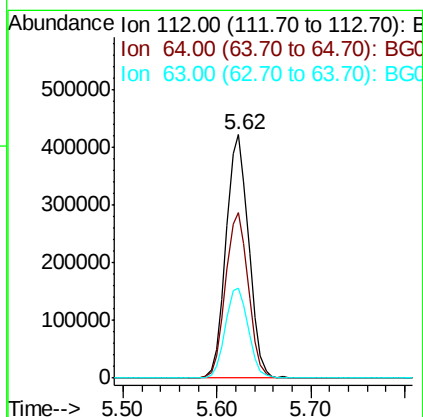
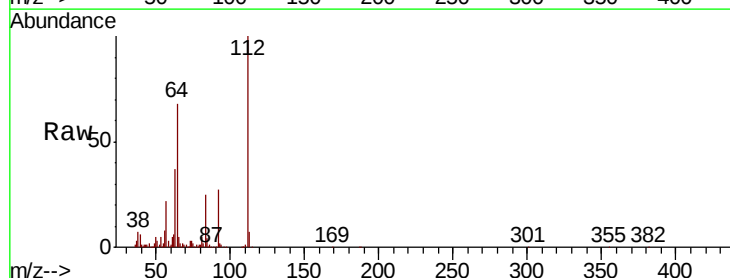
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	125.3	187.9
115	58.4	51.7	77.5

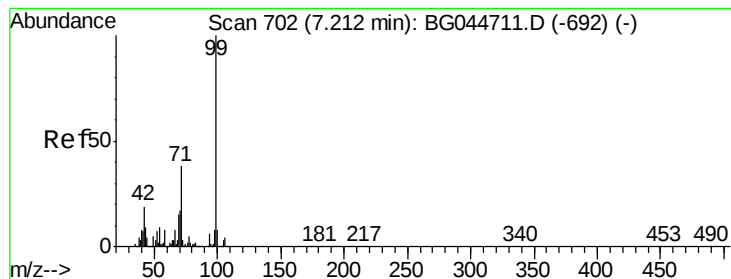


#5

2-Fluorophenol
Concen: 104.506 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044804.D
Acq: 14 Mar 2020 21:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	52.6	78.8
63	36.9	30.2	45.4





#7

Phenol-d6

Concen: 93.913 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044804.D

Acq: 14 Mar 2020 21:00

Instrument :

BNA_G

ClientSampleId :

TP-4-SA

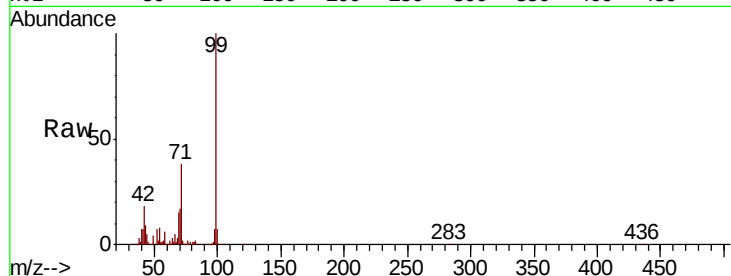
Tot Ion: 99 Resp: 920503

Ion Ratio Lower Upper

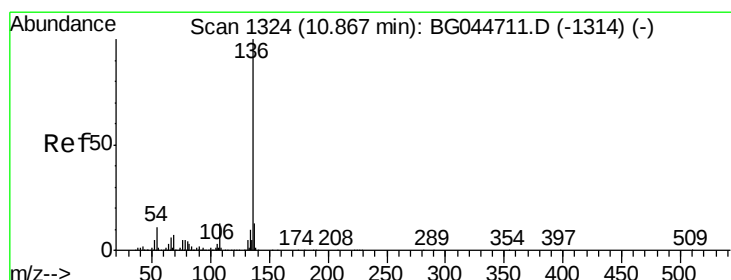
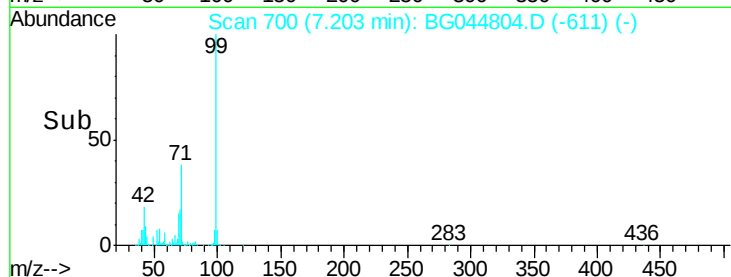
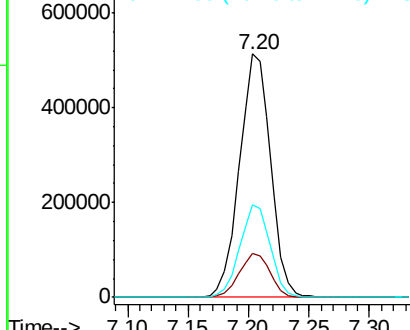
99 100

42 18.2 15.4 23.0

71 38.1 30.2 45.4



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: 10.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG044804.D

Acq: 14 Mar 2020 21:00

Tgt Ion: 136 Resp: 425188

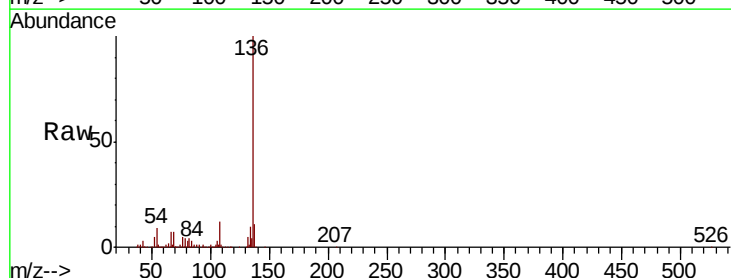
Ion Ratio Lower Upper

136 100

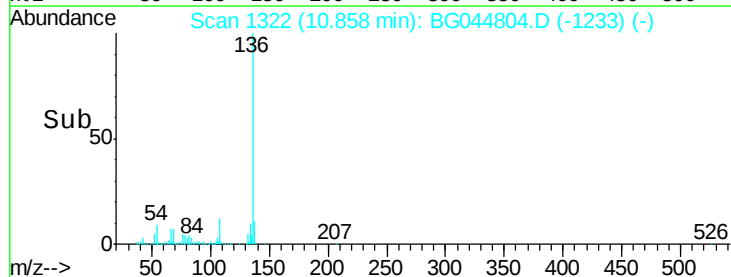
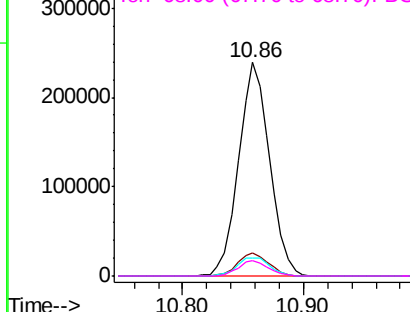
137 10.9 10.7 16.1

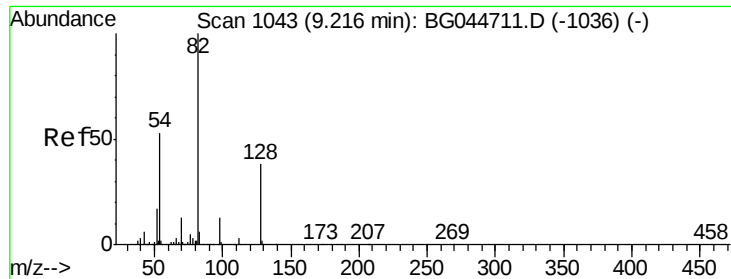
54 8.6 9.0 13.4#

68 7.0 5.9 8.9



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

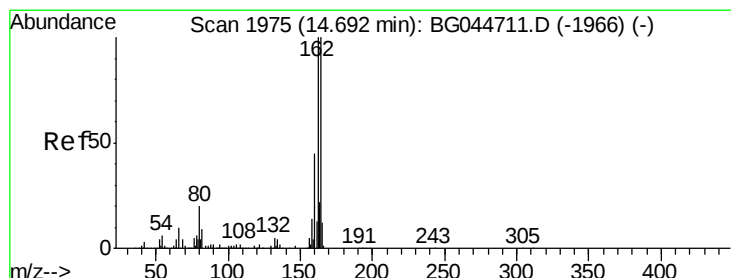
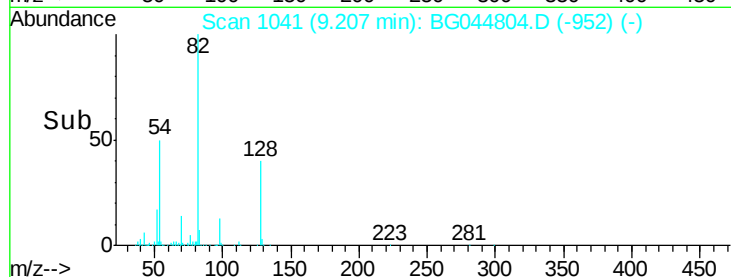
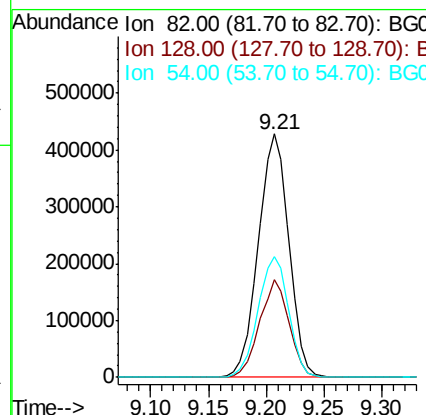
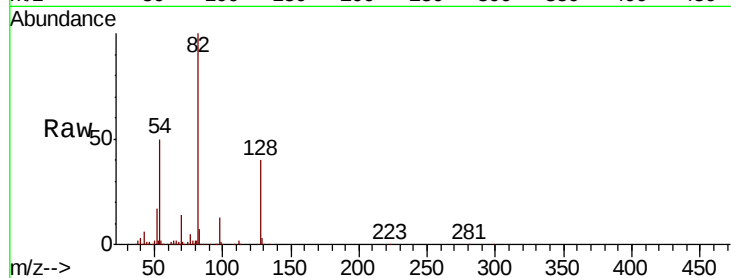




#23
Nitrobenzene-d5
Concen: 81.350 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG044804.D
Acq: 14 Mar 2020 21:00

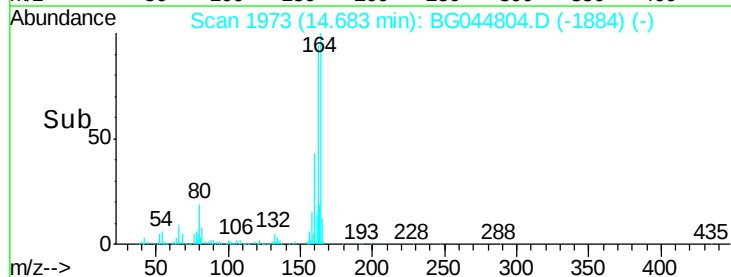
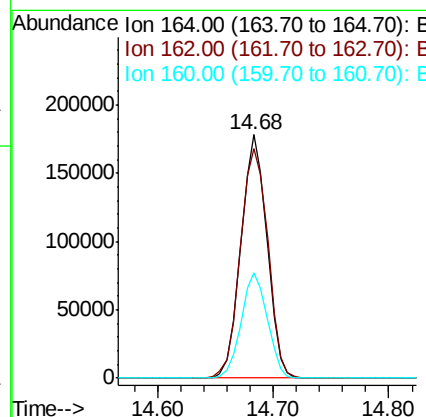
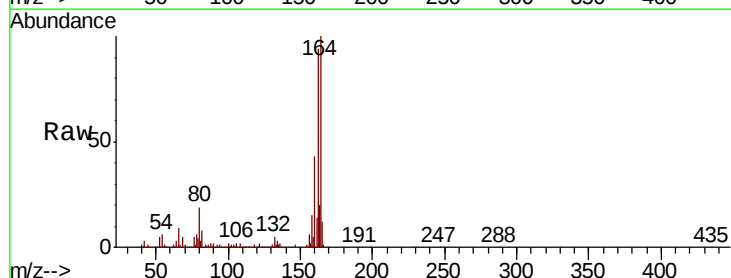
Instrument :
BNA_G
ClientSampled :
TP-4-SA

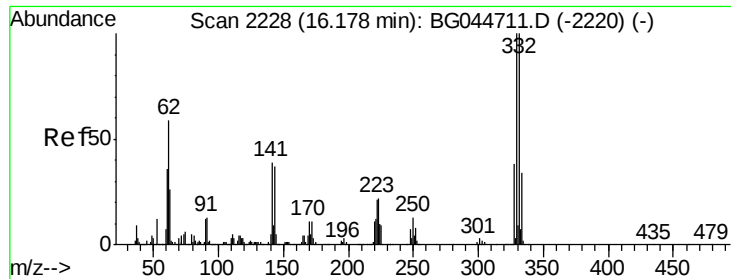
Tot Ion	82.00 (81.70 to 82.70): BGC	Resp	788243
Ion	Ratio	Lower	Upper
82	100		
128	40.2	30.2	45.2
54	49.6	41.8	62.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044804.D
Acq: 14 Mar 2020 21:00

Tgt Ion	164.00 (163.70 to 164.70): BGC	Resp	277996
Ion	Ratio	Lower	Upper
164	100		
162	94.5	80.2	120.4
160	43.1	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 126.397 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG044804.D

Acq: 14 Mar 2020 21:00

Instrument :

BNA_G

ClientSampleId :

TP-4-SA

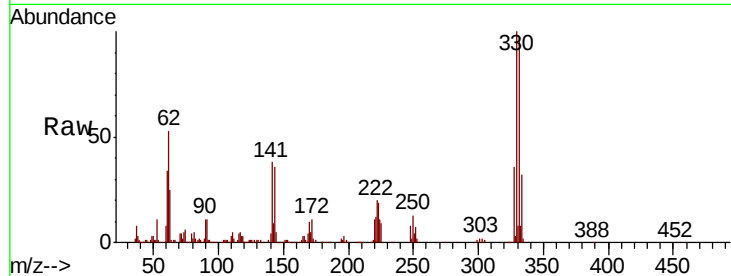
Tot Ion:330 Resp: 460078

Ion Ratio Lower Upper

330 100

332 95.5 77.5 116.3

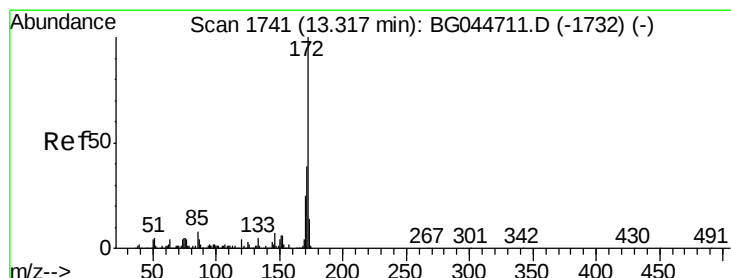
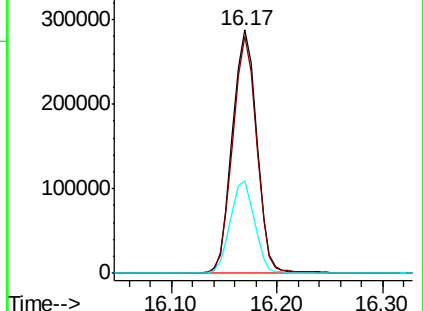
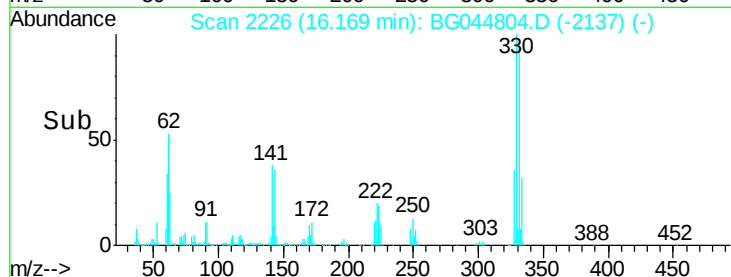
141 38.1 31.7 47.5



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: 83.737 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.01 min

Lab File: BG044804.D

Acq: 14 Mar 2020 21:00

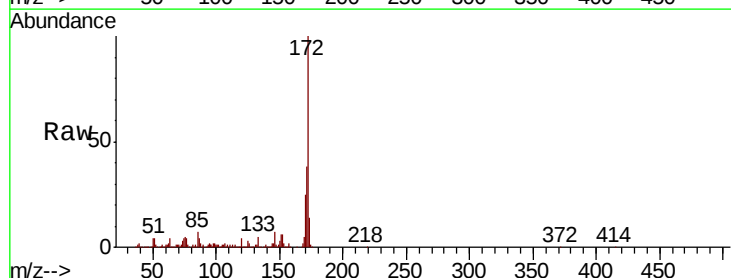
Tgt Ion:172 Resp: 1625566

Ion Ratio Lower Upper

172 100

171 38.0 30.8 46.2

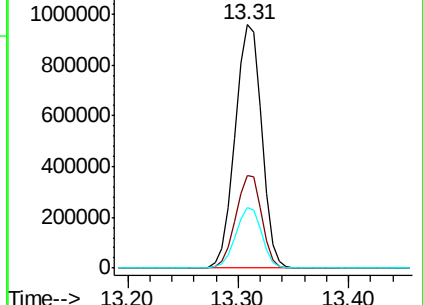
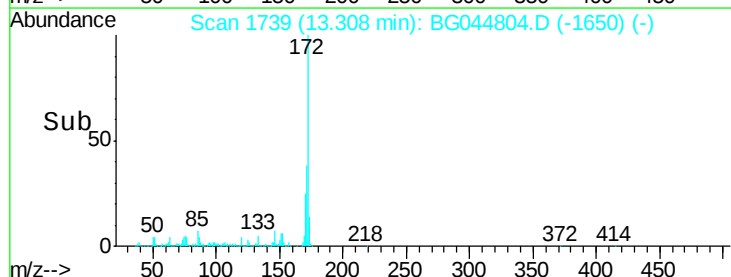
170 24.9 20.0 30.0

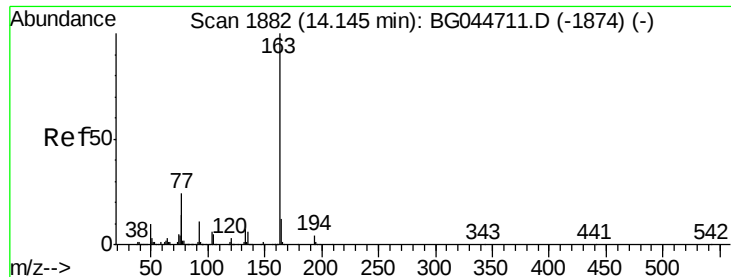


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

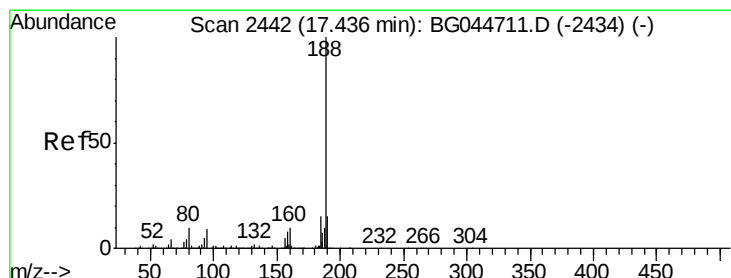
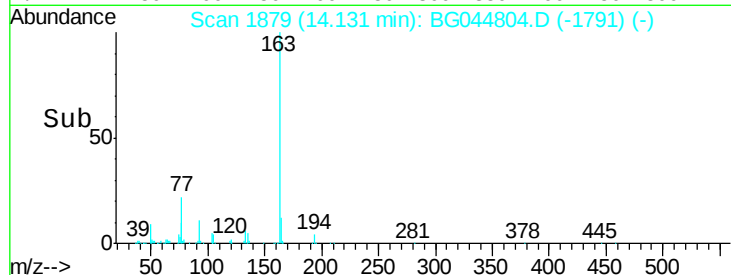
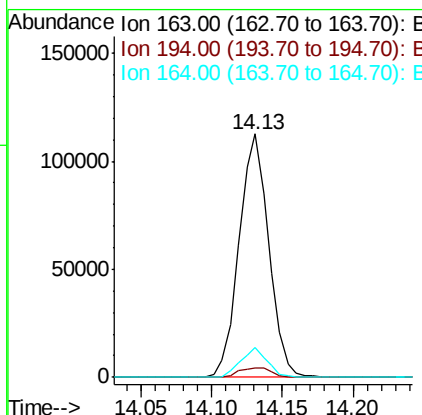
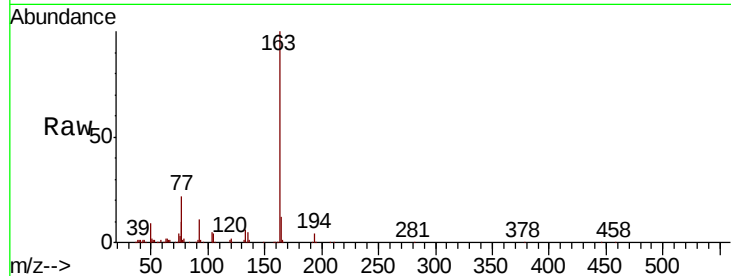




#50
Dimethylphthalate
Concen: 7.490 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG044804.D
Acq: 14 Mar 2020 21:00

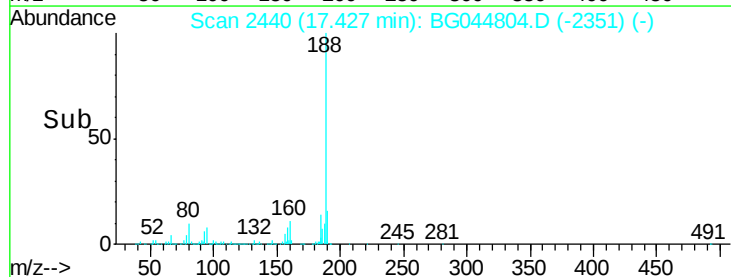
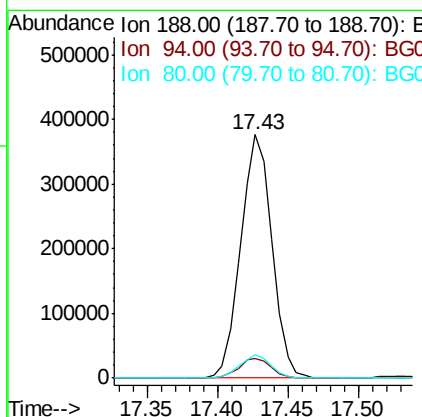
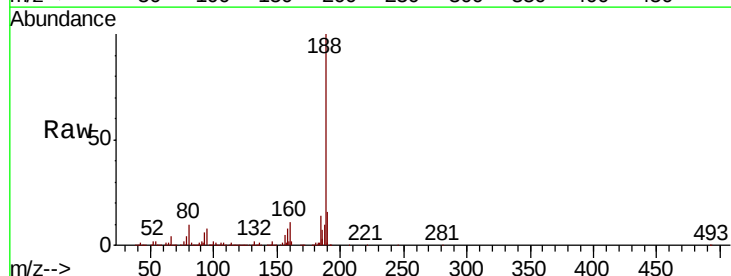
Instrument :
BNA_G
ClientSampleId :
TP-4-SA

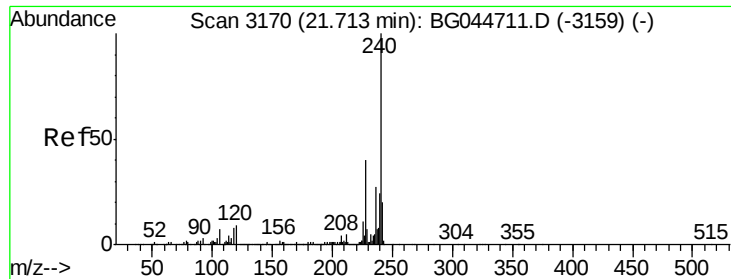
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	12.3	9.2	13.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044804.D
Acq: 14 Mar 2020 21:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.6
80	9.7	8.4	12.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG044804.D

Acq: 14 Mar 2020 21:00

Instrument :

BNA_G

ClientSampleId :

TP-4-SA

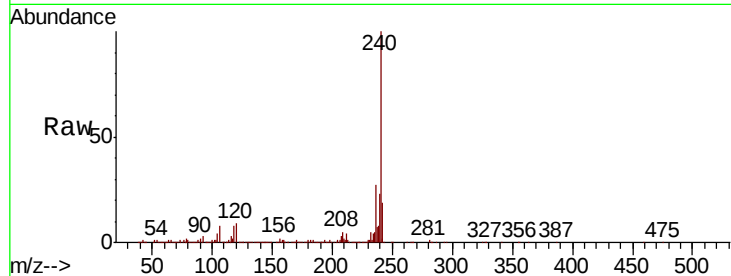
Tot Ion:240 Resp: 502103

Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

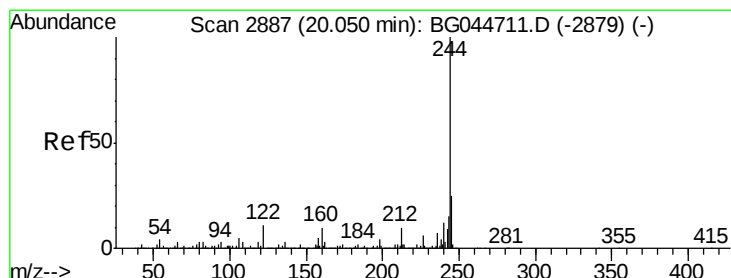
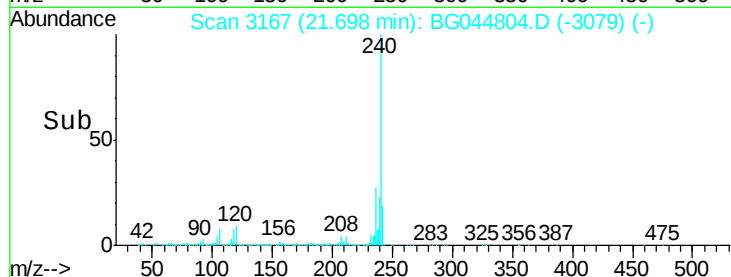
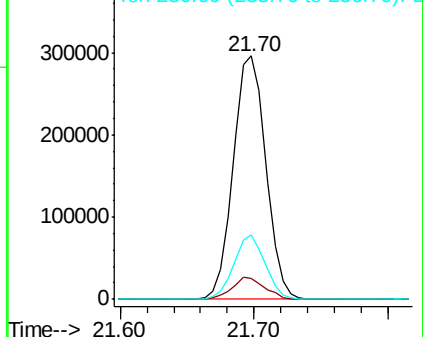
236 26.7 21.9 32.9



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: 85.506 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG044804.D

Acq: 14 Mar 2020 21:00

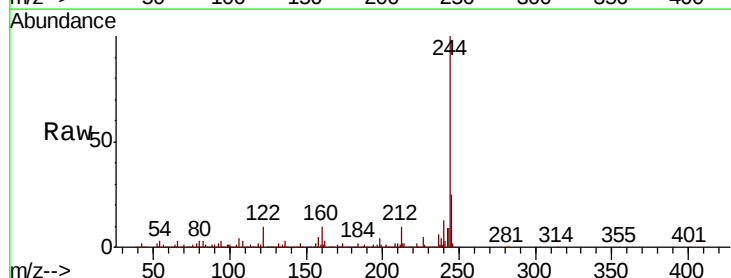
Tgt Ion:244 Resp: 2295208

Ion Ratio Lower Upper

244 100

212 10.1 8.4 12.6

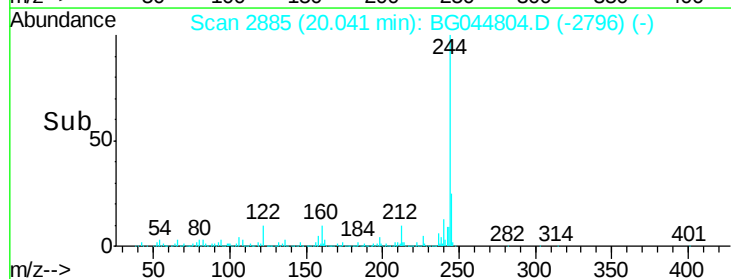
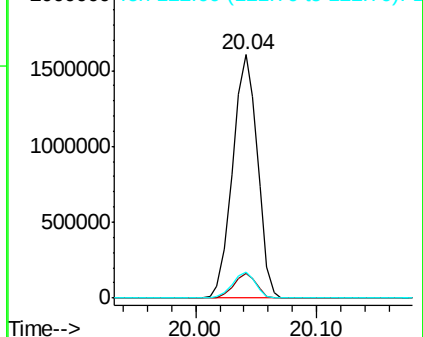
122 10.4 8.7 13.1

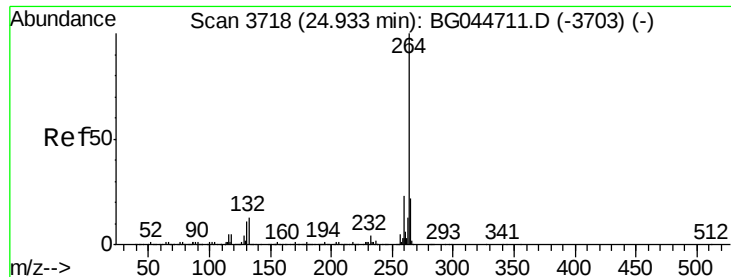


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

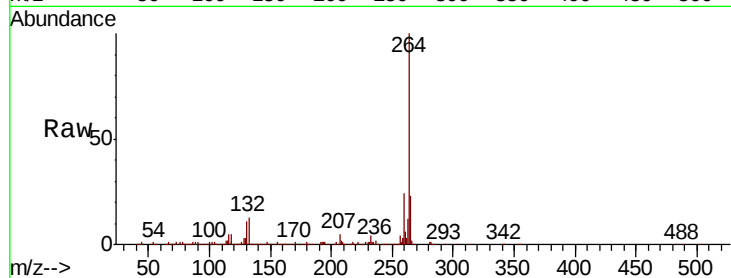




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.02 min
Lab File: BG044804.D
Acq: 14 Mar 2020 21:00

Instrument :
BNA_G
ClientSampleId :
TP-4-SA

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	23.3	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

