

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044760.D
 Acq On : 13 Mar 2020 8:04
 Operator : CG/JU
 Sample : L1893-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-SA

Quant Time: Mar 13 08:53:07 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

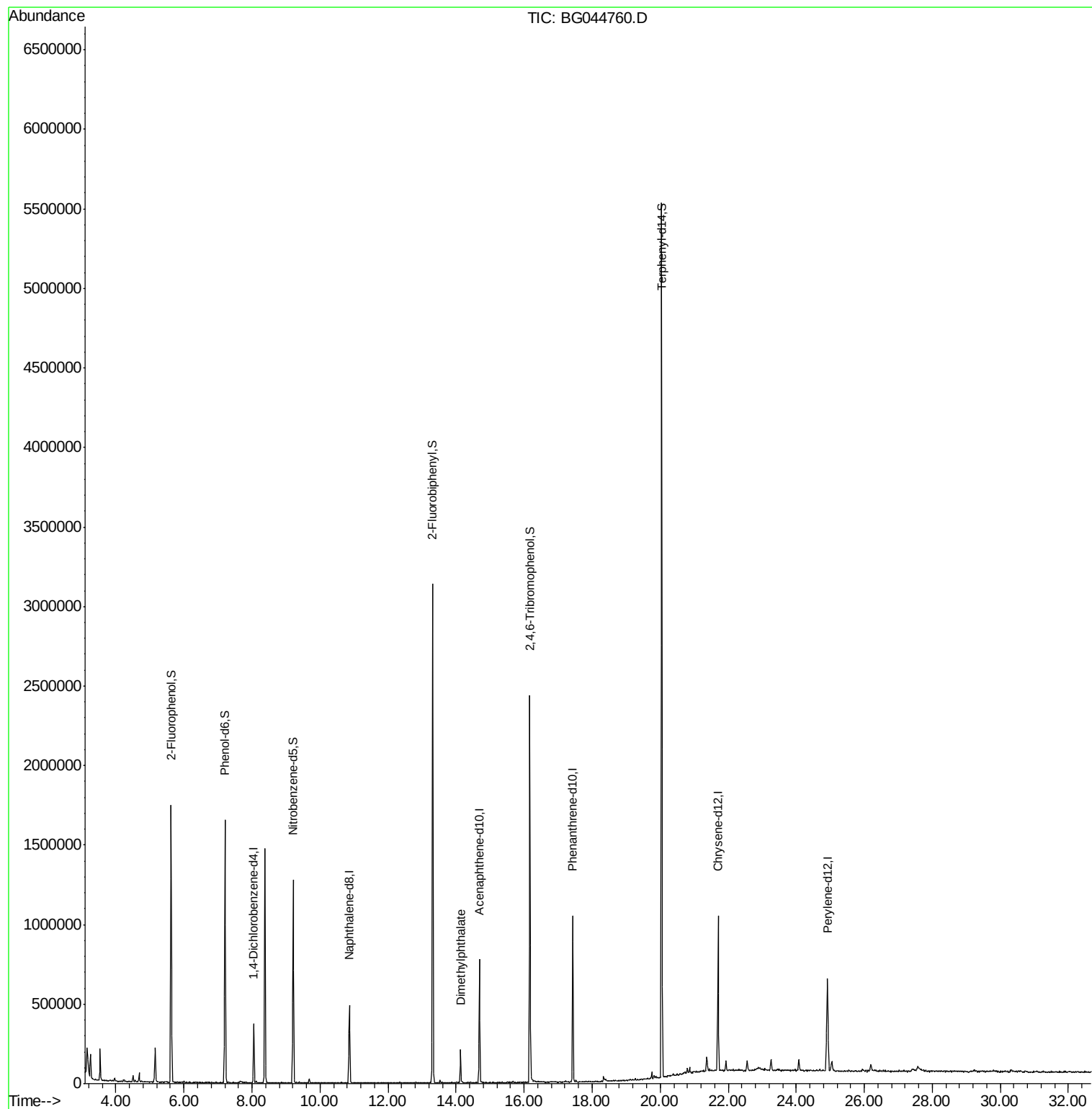
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	102116	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	417467	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	279477	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	621342	20.00	ng	0.00
76) Chrysene-d12	21.70	240	558621	20.00	ng	-0.01
87) Perylene-d12	24.92	264	622900	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	749583	114.27	ng	0.00
7) Phenol-d6	7.21	99	972668	102.05	ng	0.00
23) Nitrobenzene-d5	9.21	82	795870	83.66	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	455143	124.38	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1643701	84.22	ng	0.00
79) Terphenyl-d14	20.04	244	2473419	82.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	131362	5.902	ng	Qvalue 98

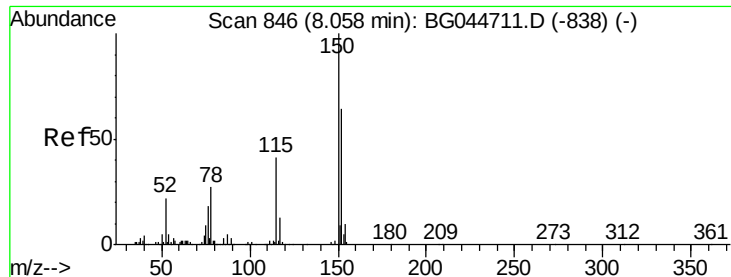
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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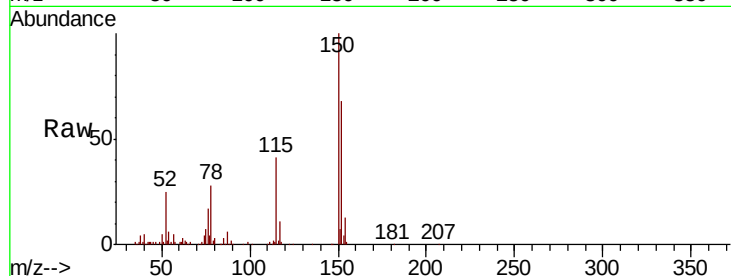


#1

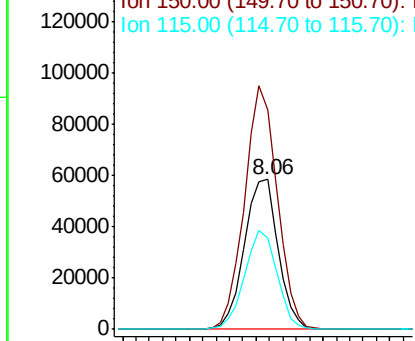
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Instrument :
BNA_G
ClientSampleId :
TP-2-SA

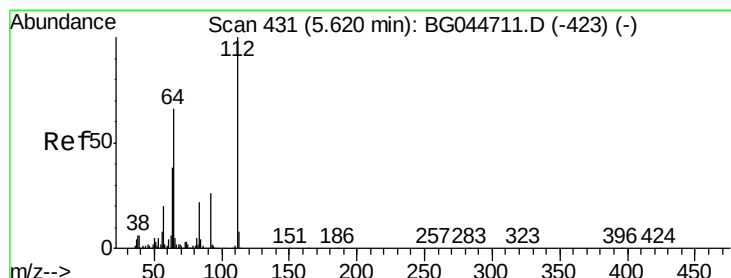
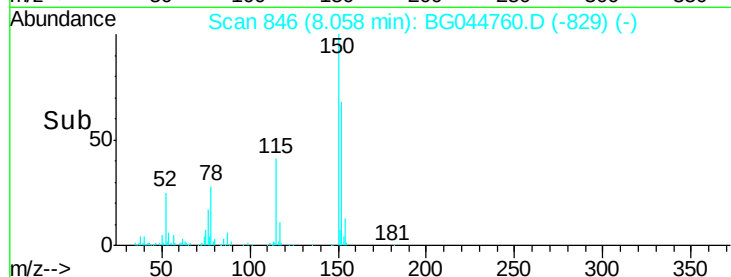
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.4	125.3	187.9
115	60.6	51.7	77.5



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



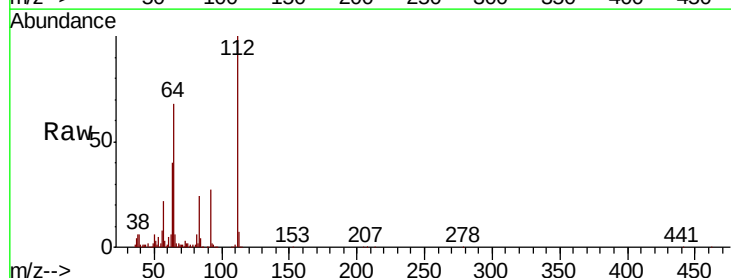
Time--> 7.95 8.00 8.05 8.10 8.15



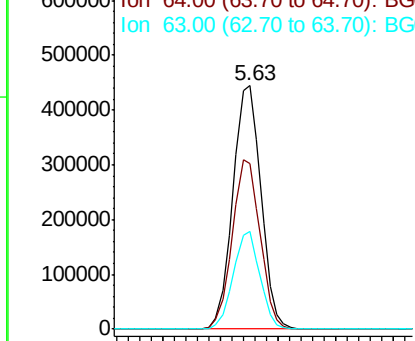
#5

2-Fluorophenol
Concen: 114.269 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

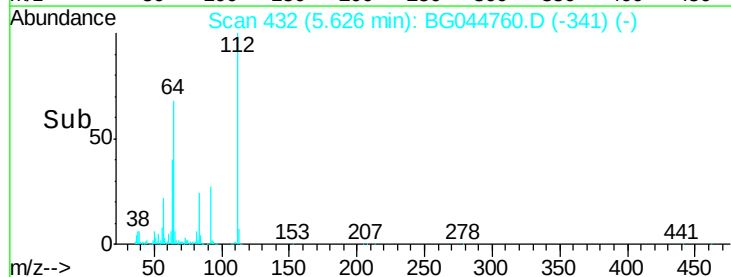
Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	52.6	78.8
63	39.9	30.2	45.4

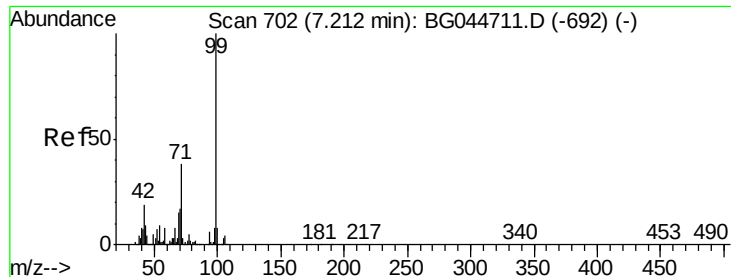


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG



Time--> 5.55 5.60 5.65 5.70





#7

Phenol-d6

Concen: 102.054 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044760.D

Acq: 13 Mar 2020 8:04

Instrument :

BNA_G

ClientSampleId :

TP-2-SA

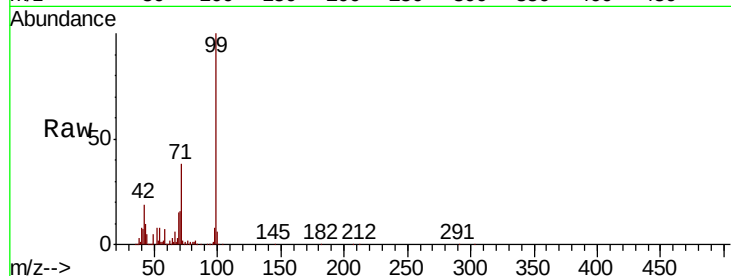
Tot Ion: 99 Resp: 972668

Ion Ratio Lower Upper

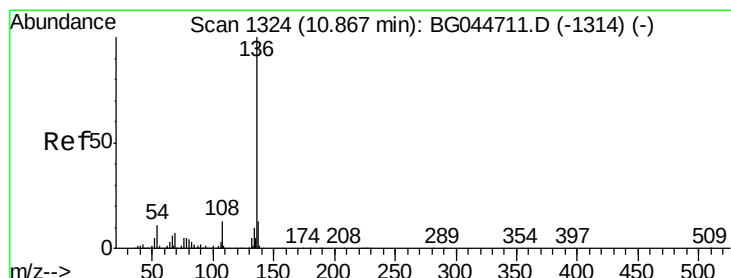
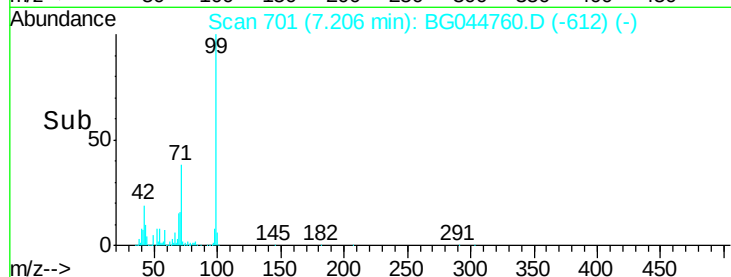
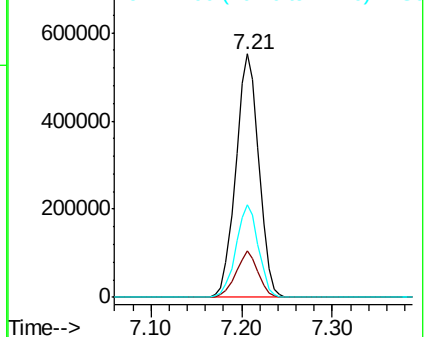
99 100

42 19.1 15.4 23.0

71 37.9 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# 1323

Delta R.T. -0.01 min

Lab File: BG044760.D

Acq: 13 Mar 2020 8:04

Tgt Ion: 136 Resp: 417467

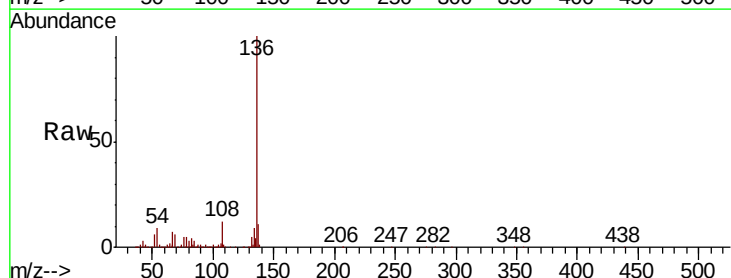
Ion Ratio Lower Upper

136 100

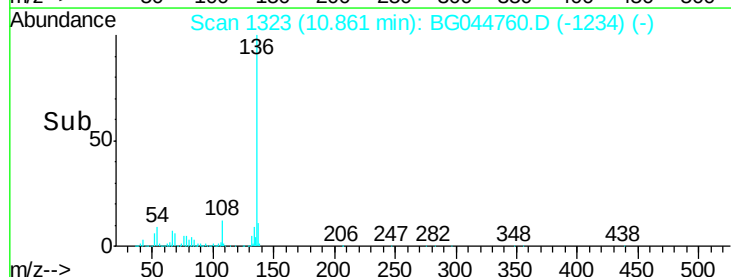
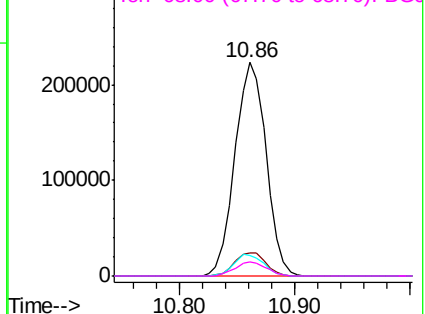
137 11.1 10.7 16.1

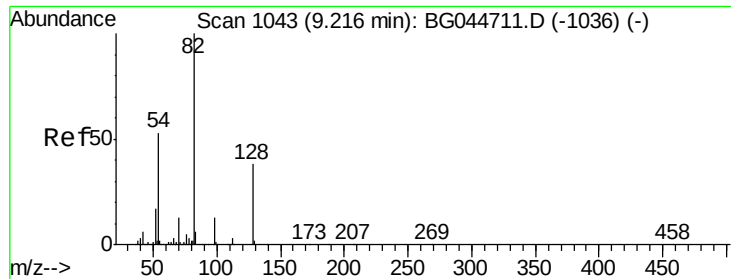
54 9.5 9.0 13.4

68 6.4 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

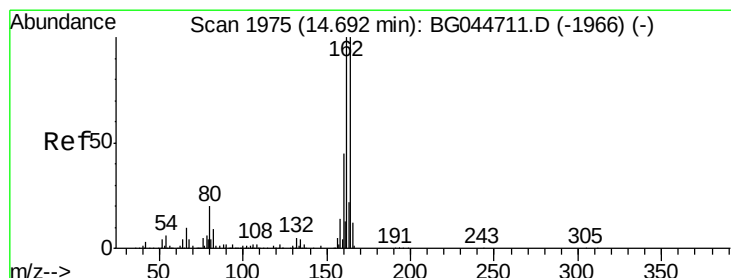
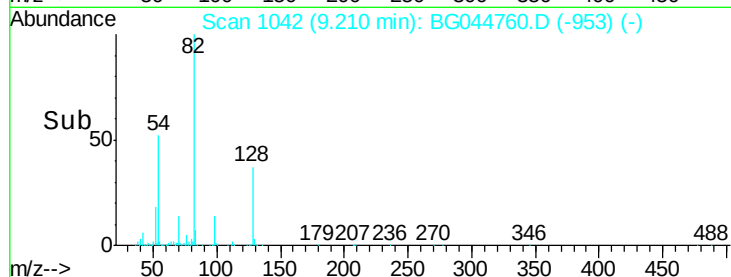
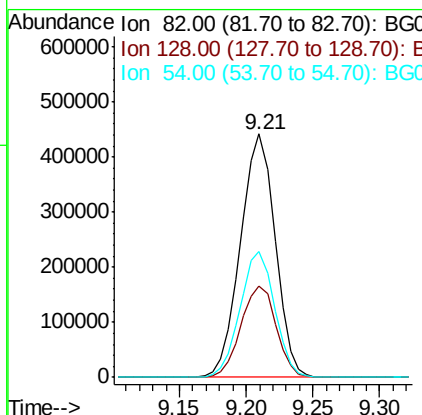
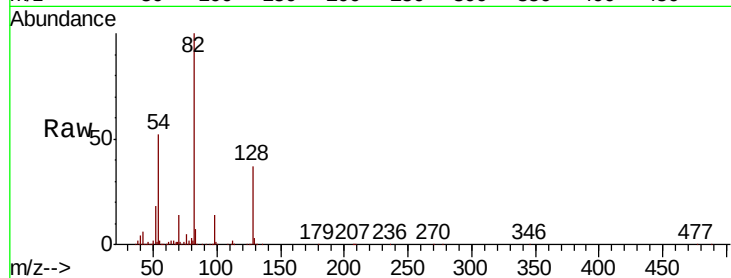




#23
 Nitrobenzene-d5
 Concen: 83.657 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG044760.D
 Acq: 13 Mar 2020 8:04

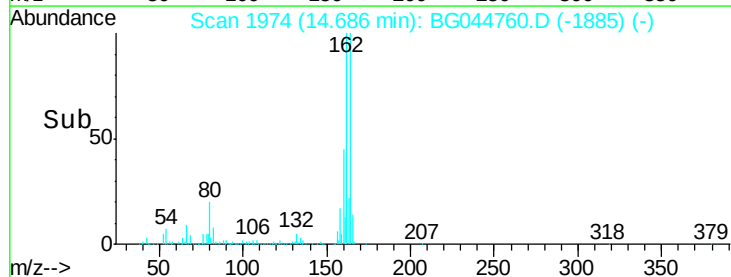
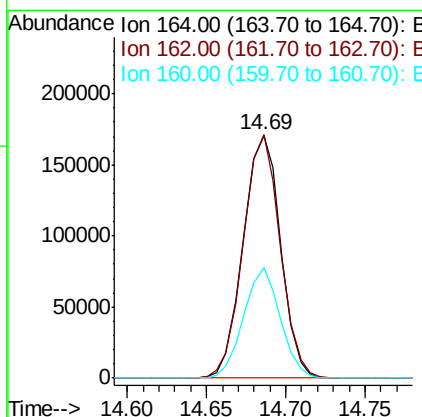
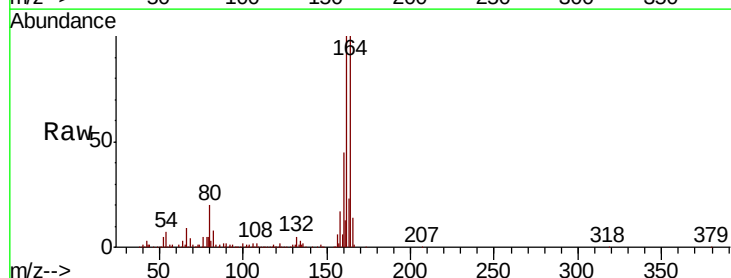
Instrument :
 BNA_G
 ClientSampleId :
 TP-2-SA

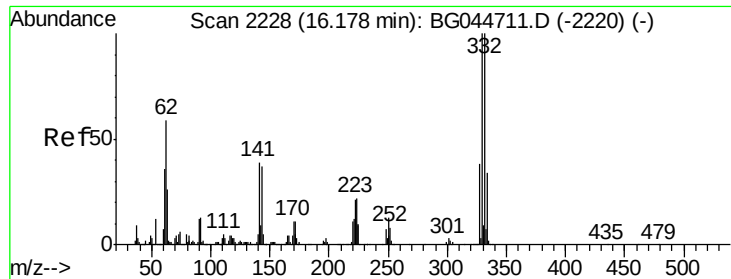
Tot Ion	82	Resp	795870
Ion Ratio	Lower	Upper	
82	100		
128	37.3	30.2	45.2
54	51.8	41.8	62.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG044760.D
 Acq: 13 Mar 2020 8:04

Tgt Ion	164	Resp	279477
Ion Ratio	Lower	Upper	
164	100		
162	100.4	80.2	120.4
160	45.5	36.2	54.2

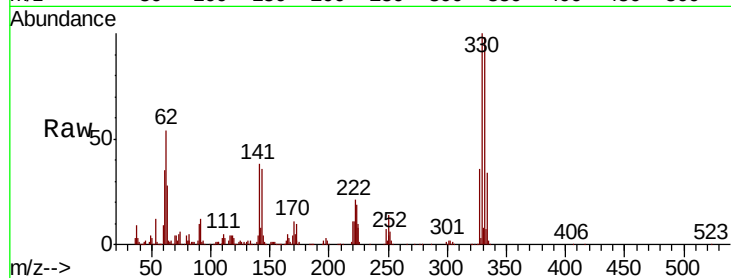




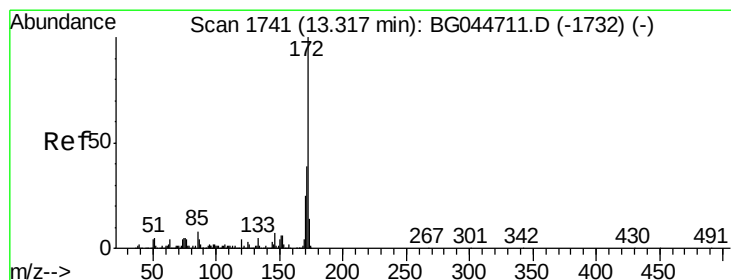
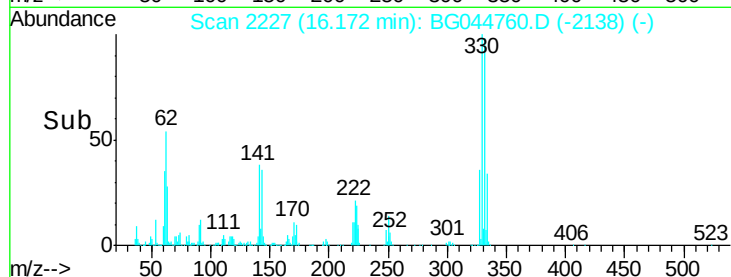
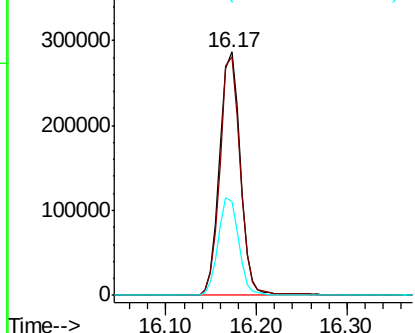
#42
 2,4,6-Tribromophenol
 Concen: 124.379 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG044760.D
 Acq: 13 Mar 2020 8:04

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-SA

Tot Ion:330 Resp: 455143
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.5 116.3
 141 39.6 31.7 47.5

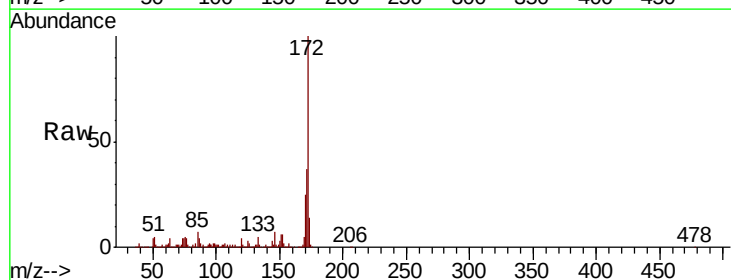


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

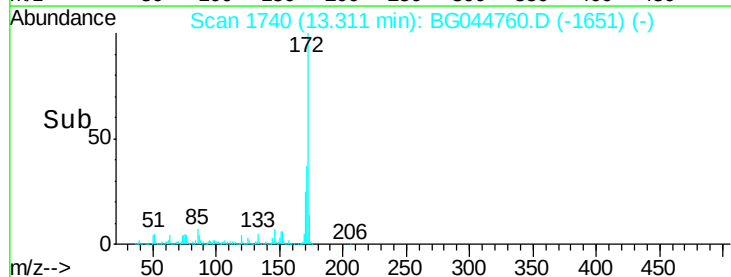
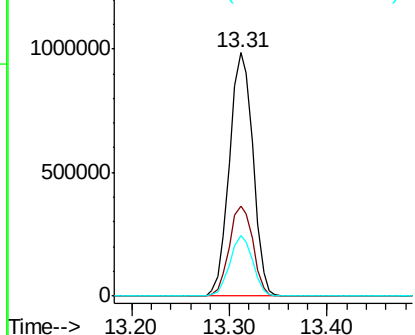


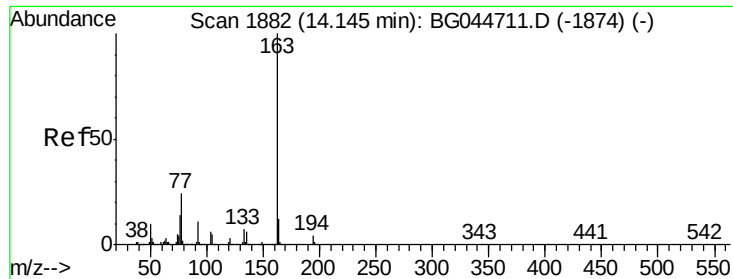
#45
 2-Fluorobiphenyl
 Concen: 84.223 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG044760.D
 Acq: 13 Mar 2020 8:04

Tgt Ion:172 Resp: 1643701
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.8 46.2
 170 25.0 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: 5.902 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG044760.D

Acq: 13 Mar 2020 8:04

Instrument :

BNA_G

ClientSampleId :

TP-2-SA

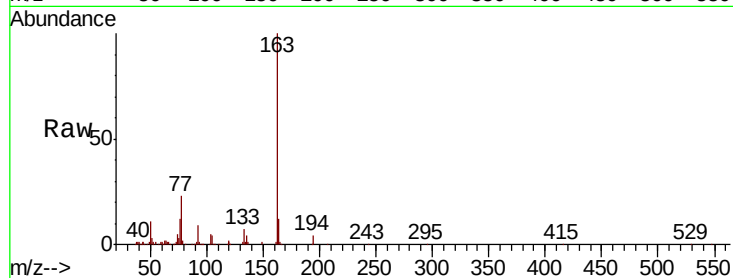
Tot Ion:163 Resp: 131362

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

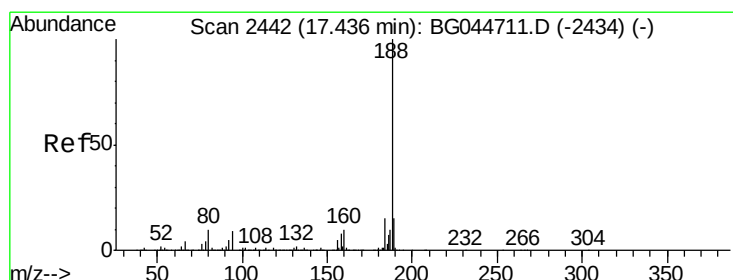
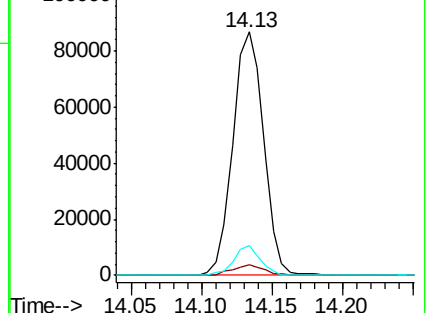
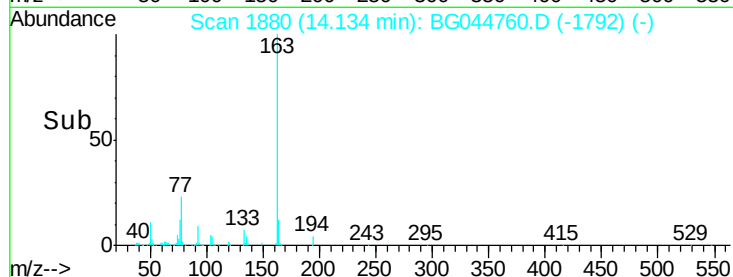
164 12.4 9.2 13.8



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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG044760.D

Acq: 13 Mar 2020 8:04

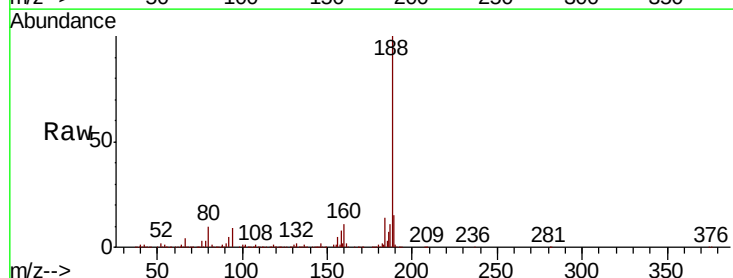
Tgt Ion:188 Resp: 621342

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

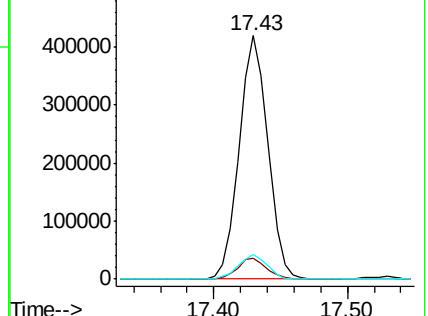
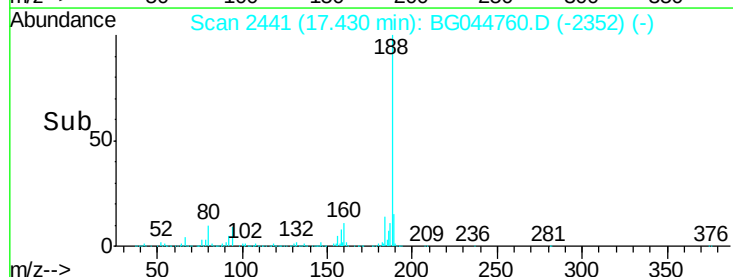
80 10.2 8.4 12.6

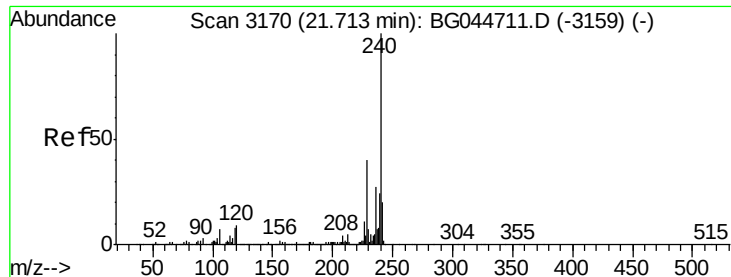


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

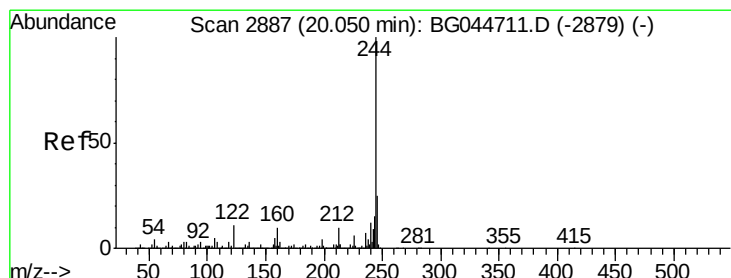
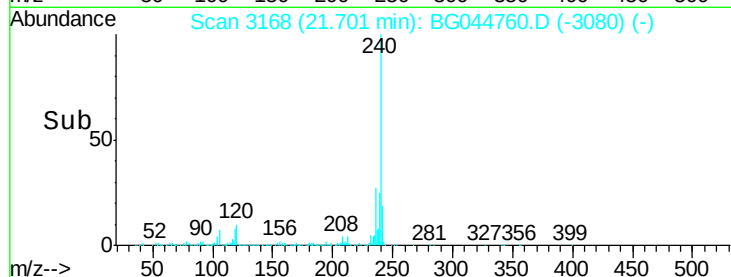
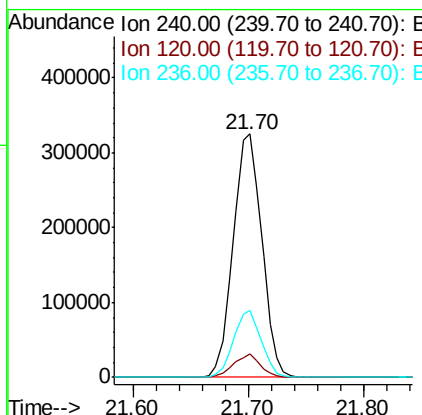
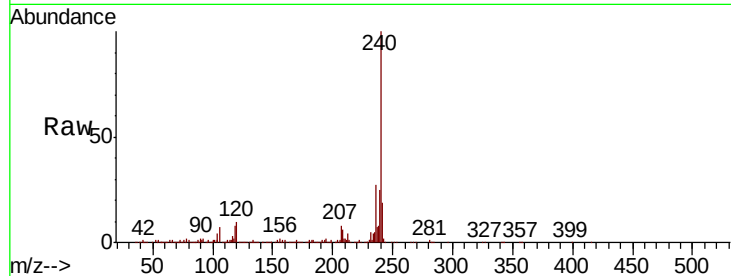




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

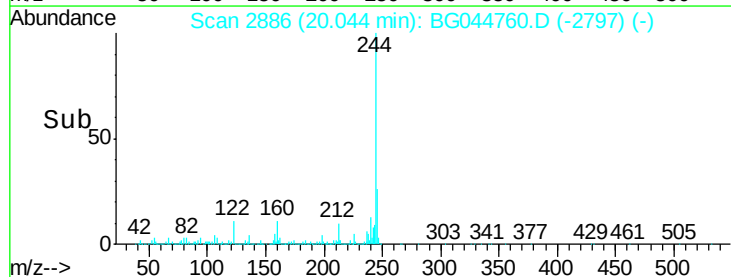
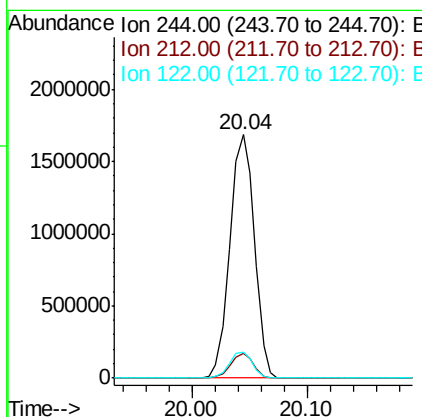
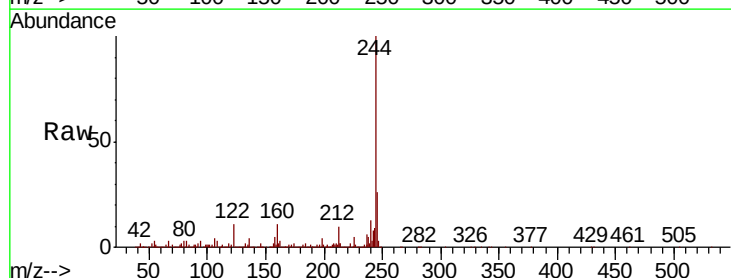
Instrument :
BNA_G
ClientSampleId :
TP-2-SA

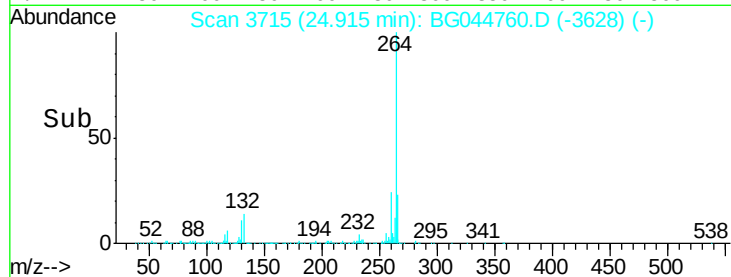
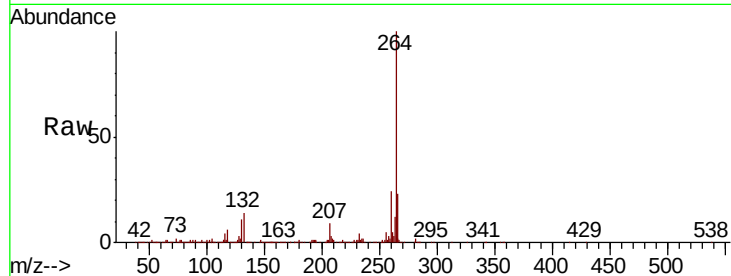
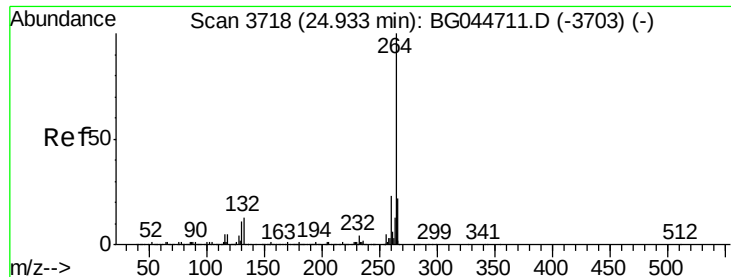
Tot Ion:240 Resp: 558621
Ion Ratio Lower Upper
240 100
120 9.7 6.9 10.3
236 27.5 21.9 32.9



#79
Terphenyl-d14
Concen: 82.823 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Tgt Ion:244 Resp: 2473419
Ion Ratio Lower Upper
244 100
212 10.2 8.4 12.6
122 10.9 8.7 13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Instrument :
BNA_G
ClientSampleId :
TP-2-SA

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.7	18.4	27.6	
265	22.7	17.4	26.2	

