

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044796.D
 Acq On : 14 Mar 2020 13:05
 Operator : CG/JU
 Sample : L1826-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MC5B42

Quant Time: Mar 16 03:09:47 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

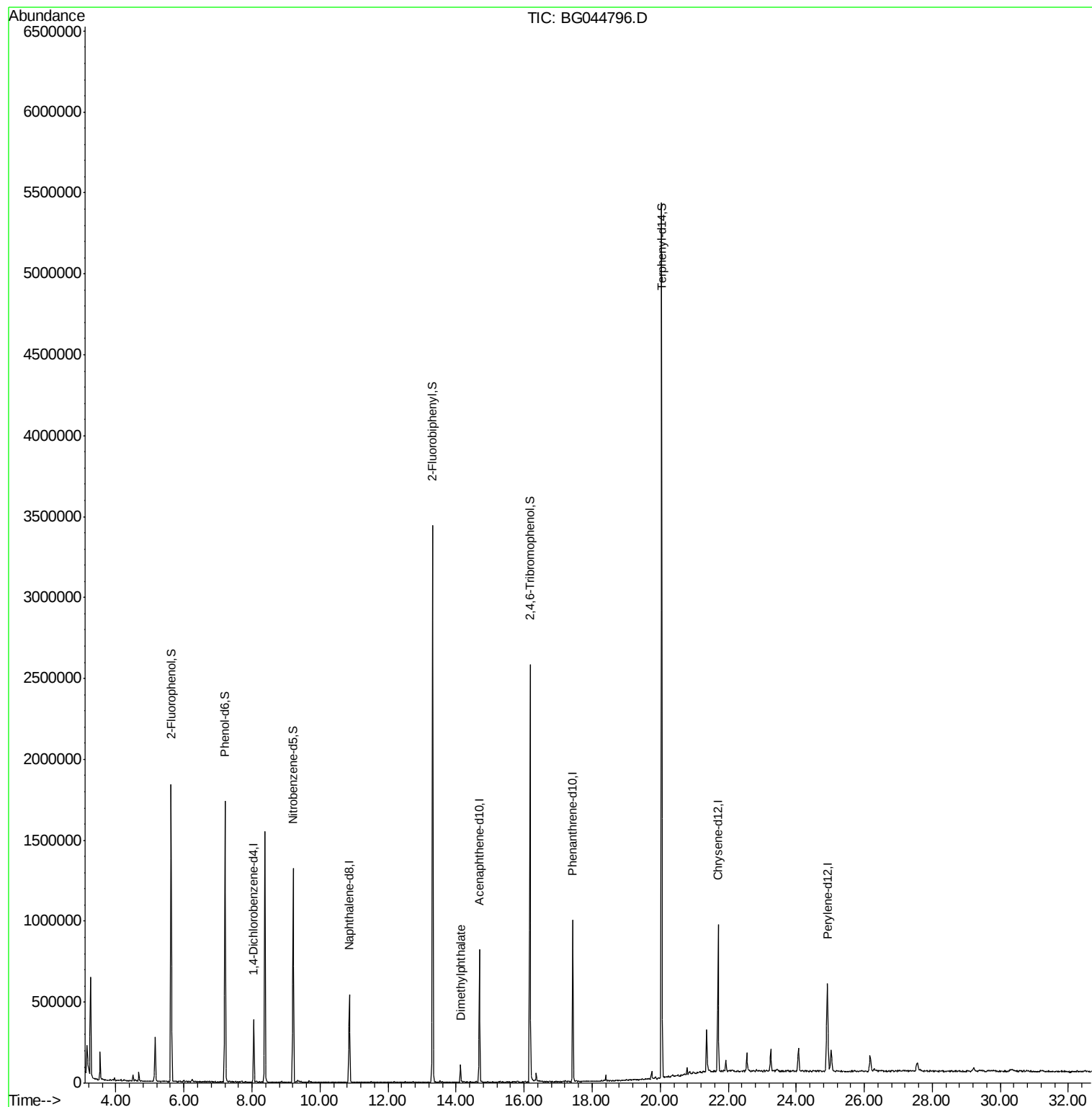
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	107362	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	438919	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	300099	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	625984	20.00	ng	0.00
76) Chrysene-d12	21.70	240	537981	20.00	ng	-0.01
87) Perylene-d12	24.91	264	594789	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	807034	117.02	ng	0.00
7) Phenol-d6	7.21	99	1059697	105.75	ng	0.00
23) Nitrobenzene-d5	9.21	82	869026	86.88	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	511065	130.06	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1750396	83.53	ng	0.00
79) Terphenyl-d14	20.04	244	2421107	84.18	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	75459	3.157	ng	Qvalue # 95

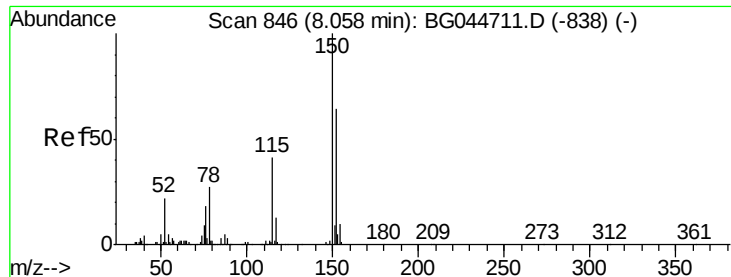
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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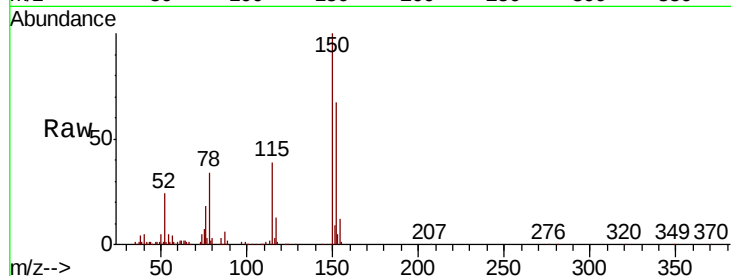


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Instrument :
BNA_G
ClientSampleId :
MC5B42

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	125.3	187.9
115	58.5	51.7	77.5

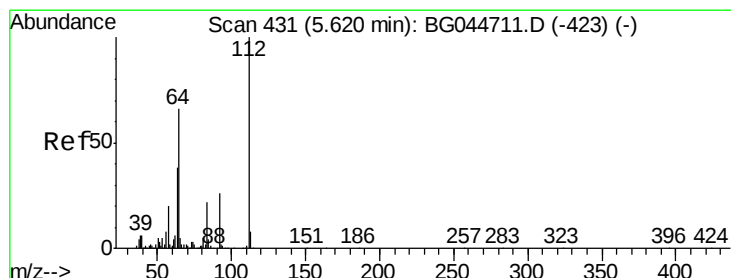
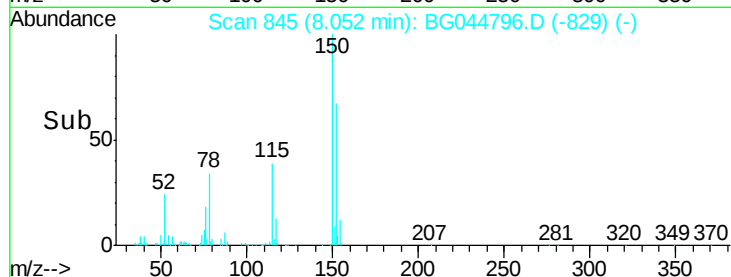
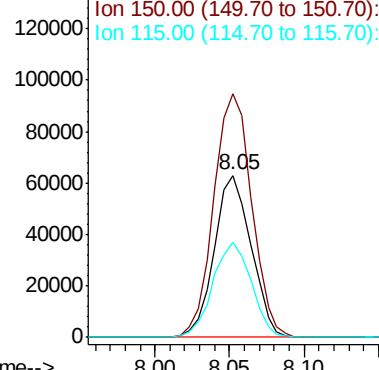


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

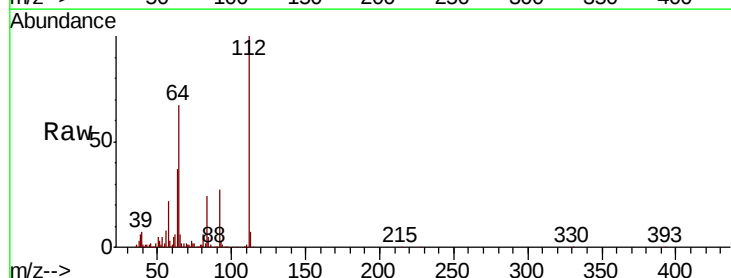
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 117.016 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	52.6	78.8
63	37.1	30.2	45.4

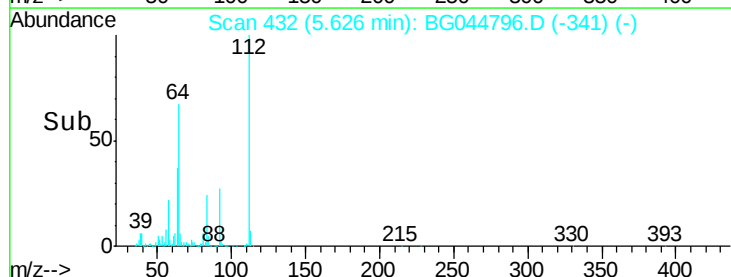
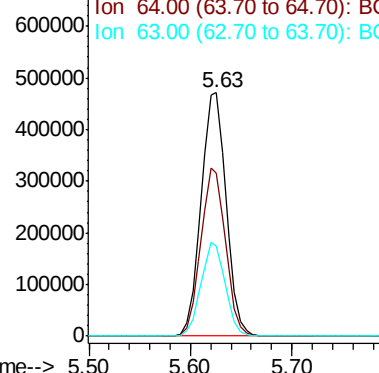


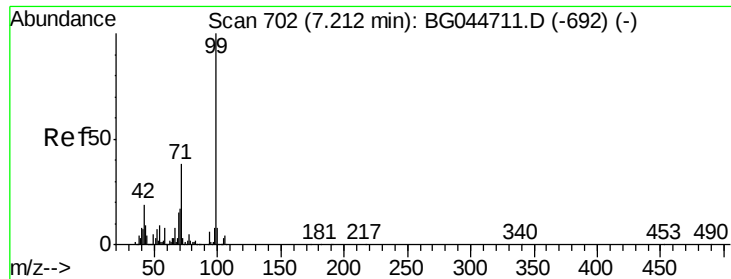
Abundance

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





#7

Phenol-d6

Concen: 105.752 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044796.D

Acq: 14 Mar 2020 13:05

Instrument :

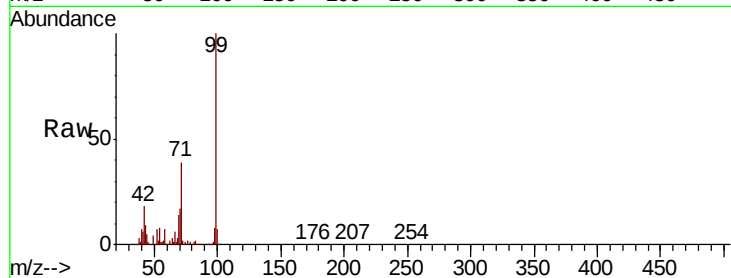
BNA_G

ClientSampleId :

MC5B42

Tot Ion: 99 Resp: 1059697

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.4	23.0
71	39.1	30.2	45.4

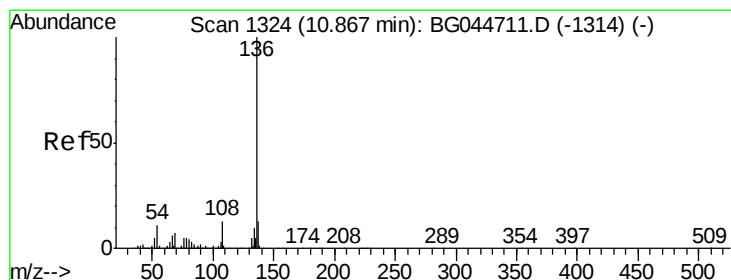
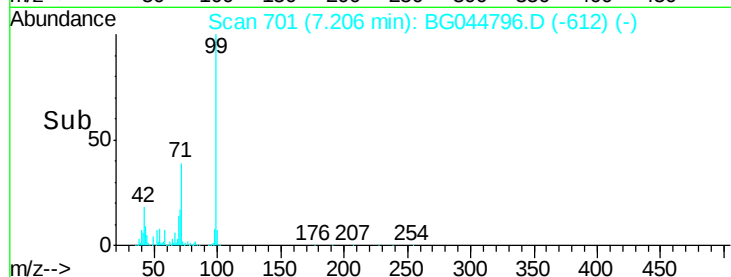
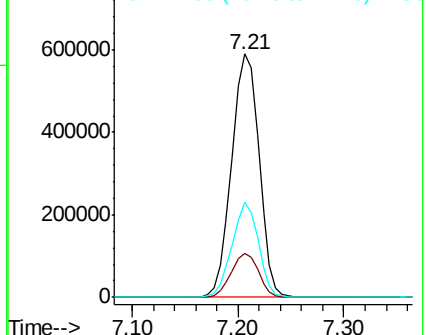


Abundance

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# 1323

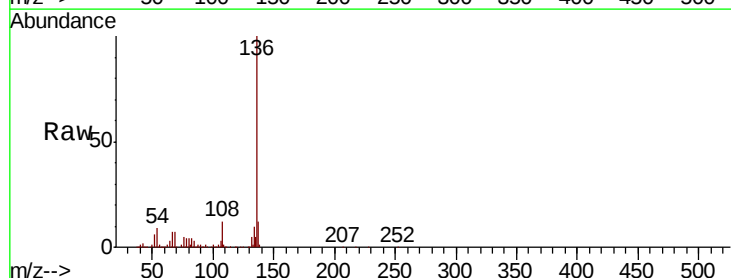
Delta R.T. -0.01 min

Lab File: BG044796.D

Acq: 14 Mar 2020 13:05

Tgt Ion: 136 Resp: 438919

Ion	Ratio	Lower	Upper
136	100		
137	11.7	10.7	16.1
54	9.2	9.0	13.4
68	6.9	5.9	8.9



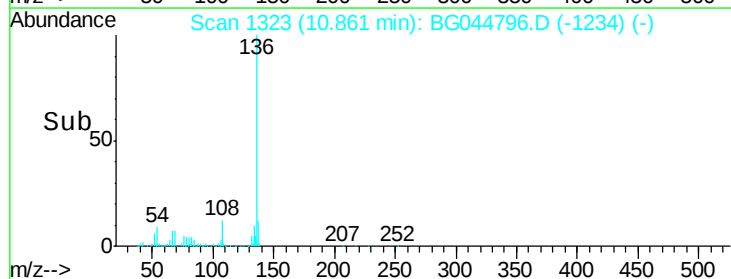
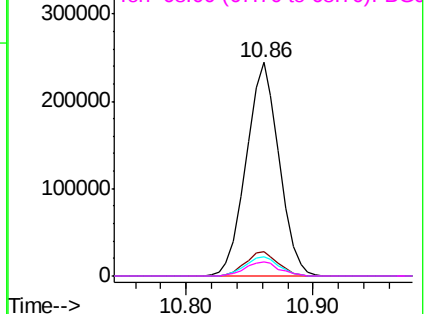
Abundance

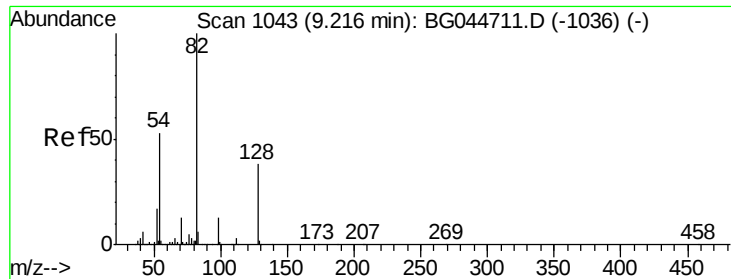
Ion 136.00 (135.70 to 136.70): BGC

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

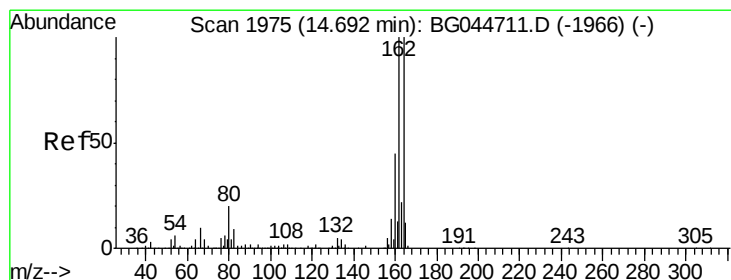
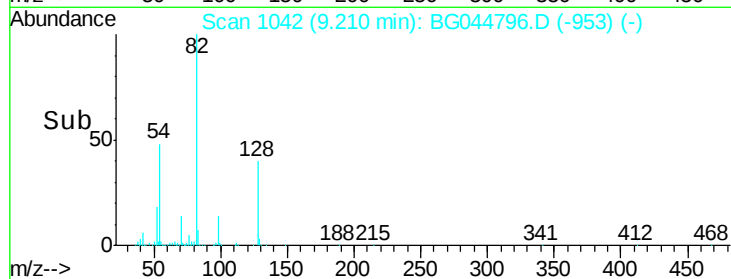
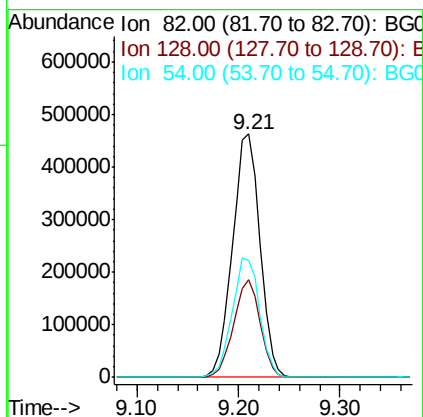
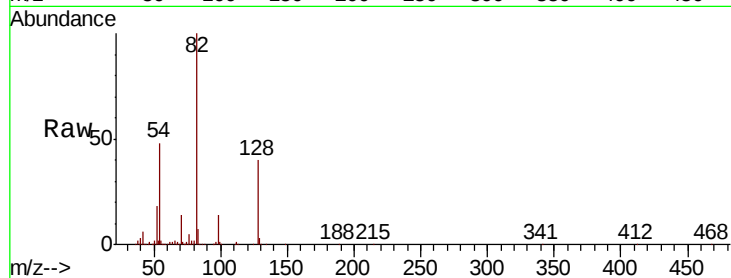




#23
Nitrobenzene-d5
Concen: 86.882 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

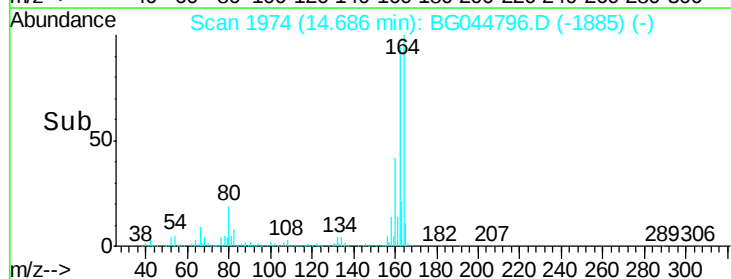
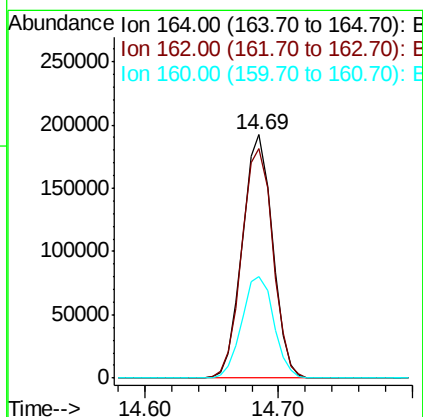
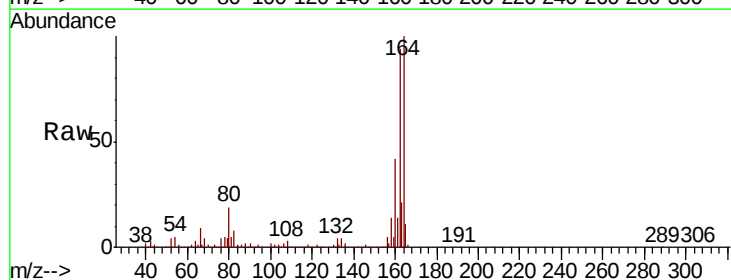
Instrument :
BNA_G
ClientSampleId :
MC5B42

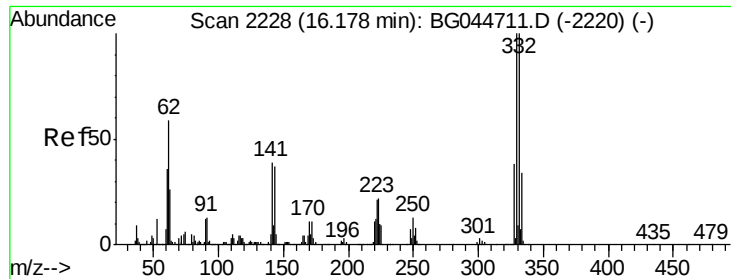
Tot Ion	82	Resp	869026
Ion Ratio	Lower	Upper	
82	100		
128	40.3	30.2	45.2
54	47.9	41.8	62.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Tgt Ion	164	Resp	300099
Ion Ratio	Lower	Upper	
164	100		
162	94.1	80.2	120.4
160	41.6	36.2	54.2

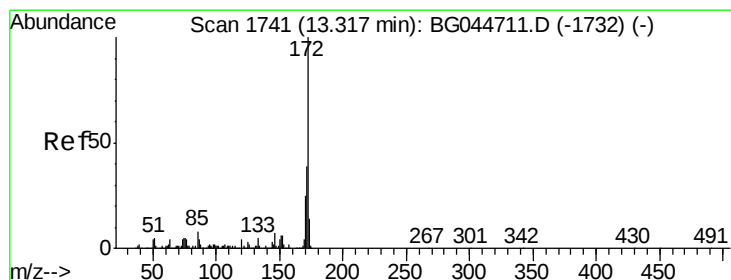
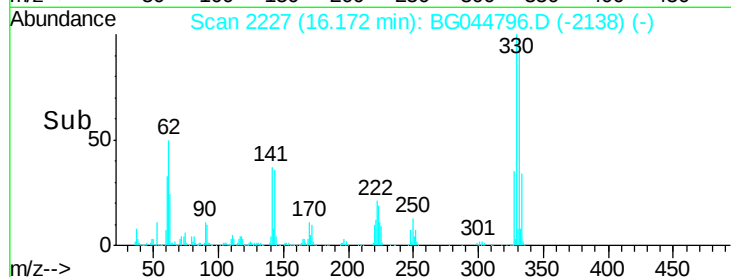
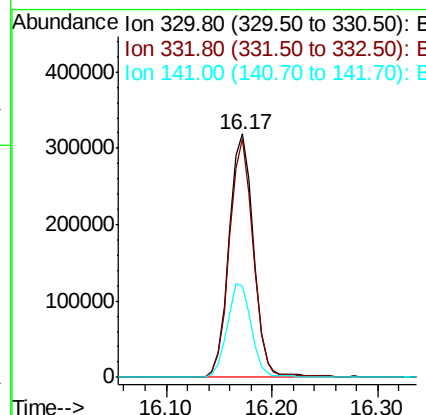
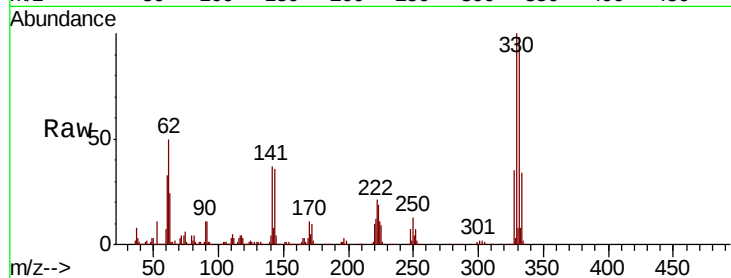




#42
 2,4,6-Tribromophenol
 Concen: 130.064 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG044796.D
 Acq: 14 Mar 2020 13:05

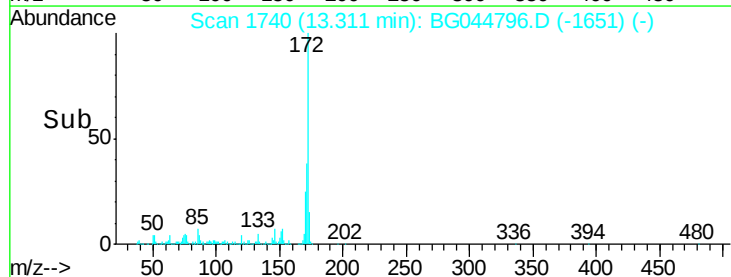
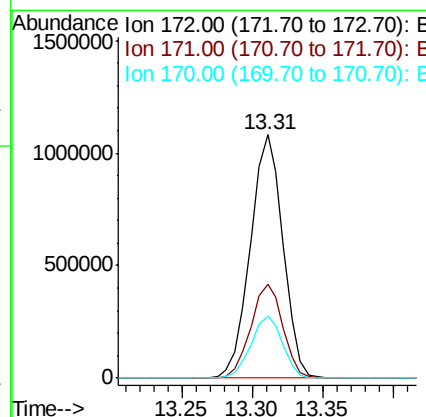
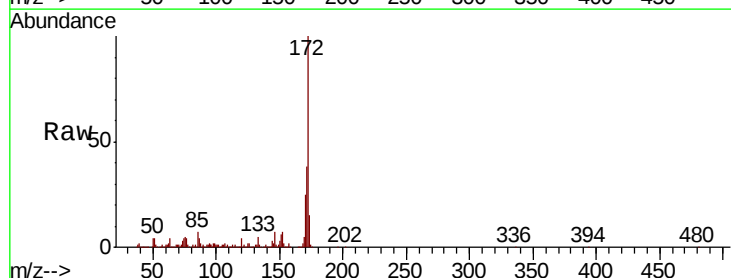
Instrument :
 BNA_G
 ClientSampleId :
 MC5B42

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.5	116.3
141	38.1	31.7	47.5



#45
 2-Fluorobiphenyl
 Concen: 83.527 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG044796.D
 Acq: 14 Mar 2020 13:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	25.5	20.0	30.0

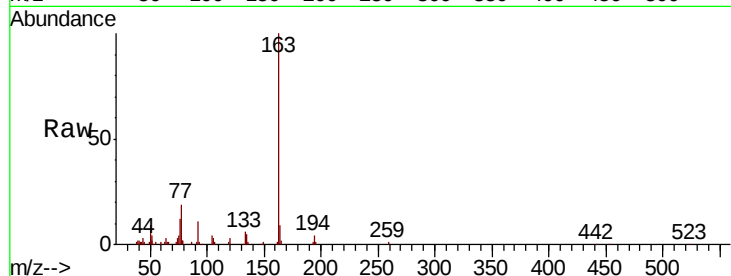




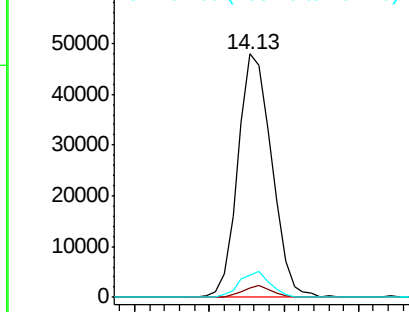
#50
Dimethylphthalate
Concen: 3.157 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Instrument :
BNA_G
ClientSampleId :
MC5B42

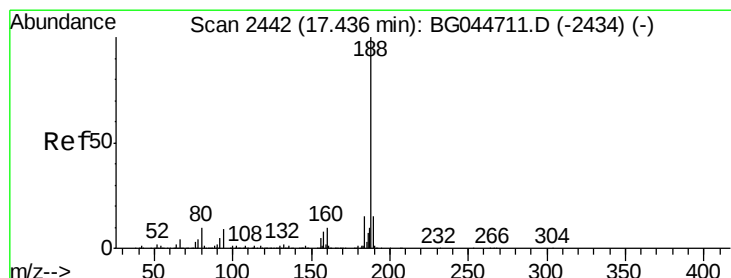
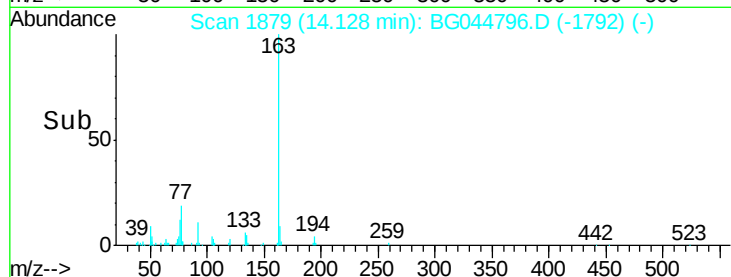
Tot Ion:163 Resp: 75459
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 9.1 9.2 13.8#



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

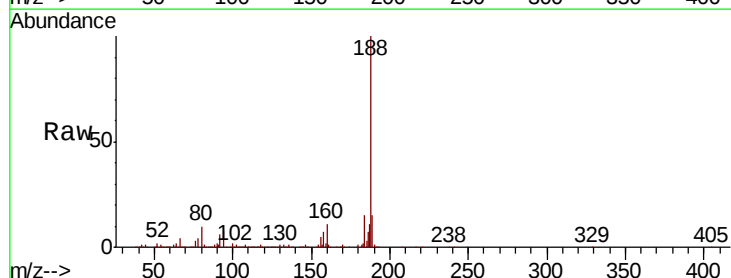


Time--> 14.05 14.10 14.15 14.20

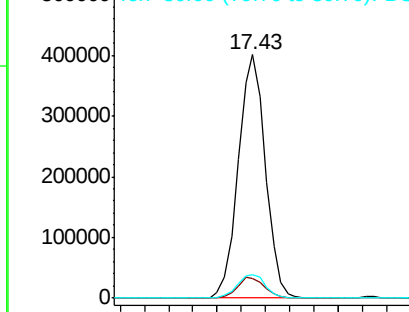


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

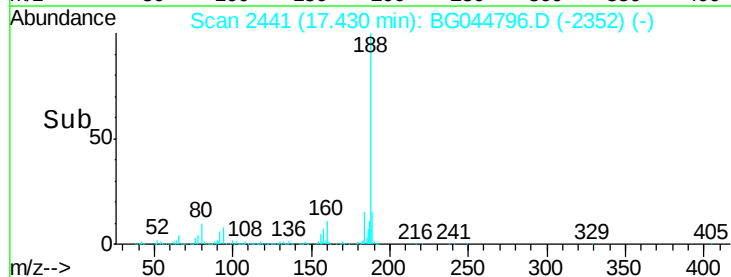
Tgt Ion:188 Resp: 625984
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 9.6 8.4 12.6

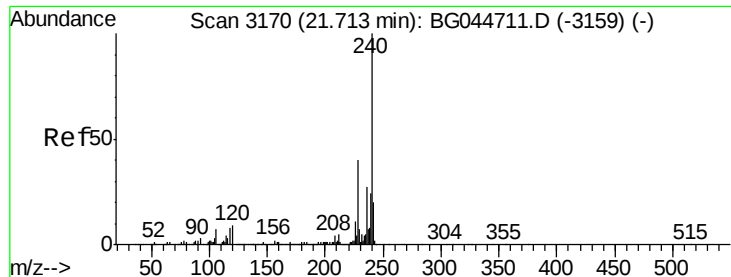


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.40 17.50





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044796.D

Acq: 14 Mar 2020 13:05

Instrument :

BNA_G

ClientSampleId :

MC5B42

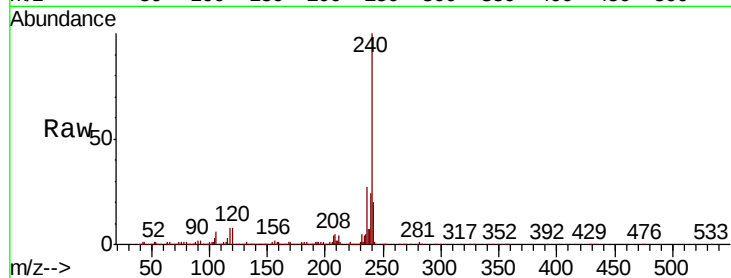
Tot Ion:240 Resp: 537981

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

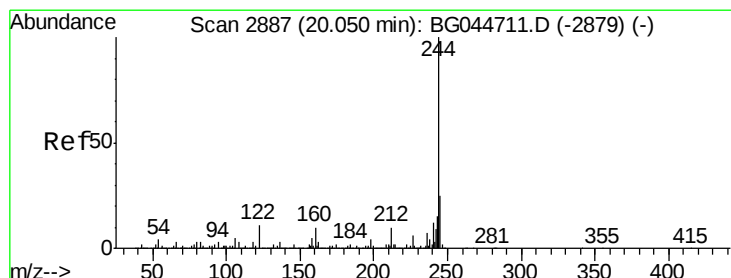
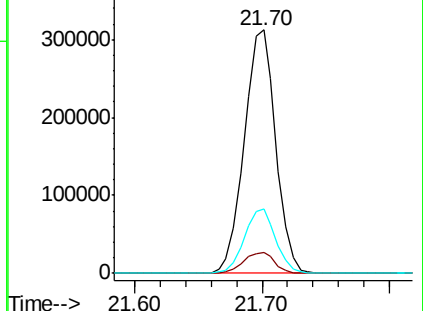
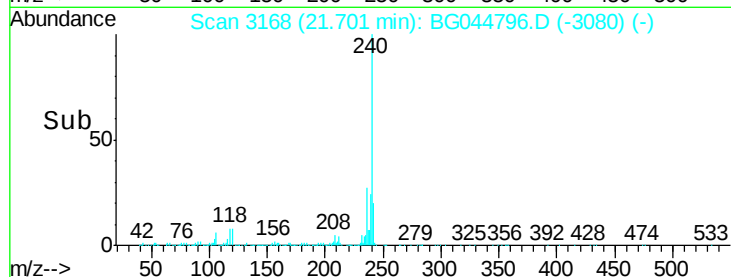
236 26.5 21.9 32.9



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: 84.181 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044796.D

Acq: 14 Mar 2020 13:05

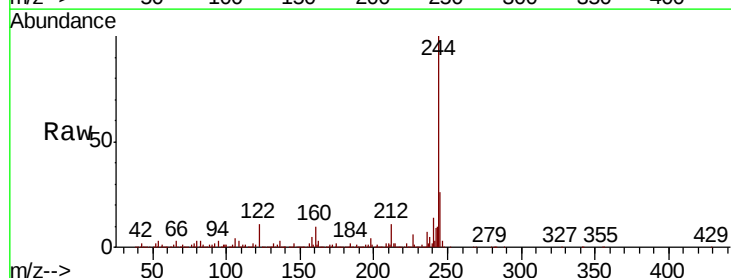
Tgt Ion:244 Resp: 2421107

Ion Ratio Lower Upper

244 100

212 10.5 8.4 12.6

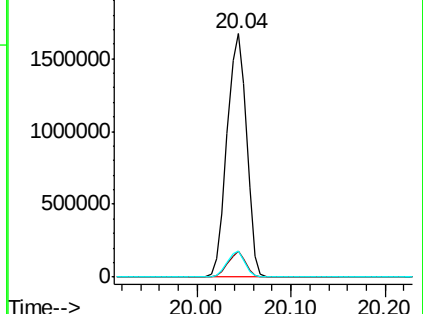
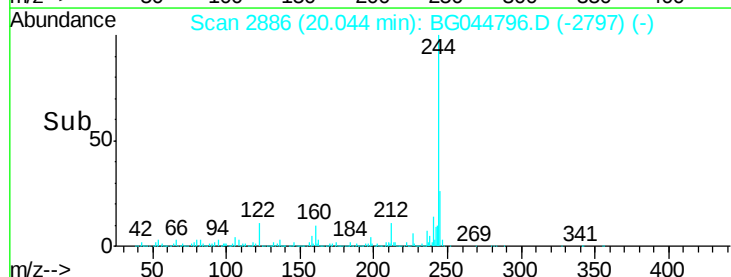
122 10.7 8.7 13.1

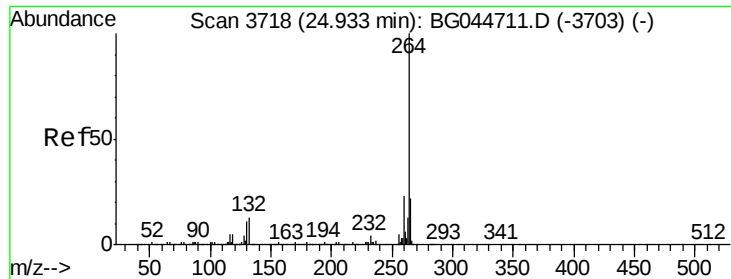


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

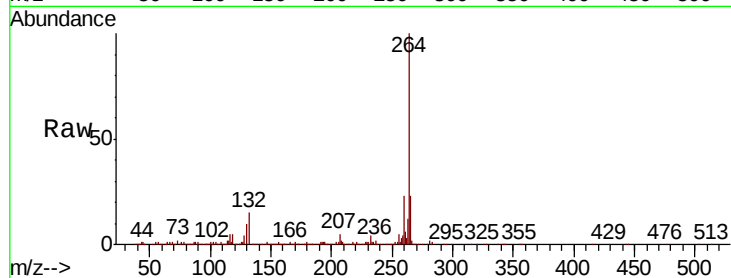




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Instrument :
BNA_G
ClientSampleId :
MC5B42

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	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

