

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
 Data File : BG046505.D
 Acq On : 2 Sep 2020 16:09
 Operator : CG/JU
 Sample : L3828-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW

Quant Time: Sep 02 16:47:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

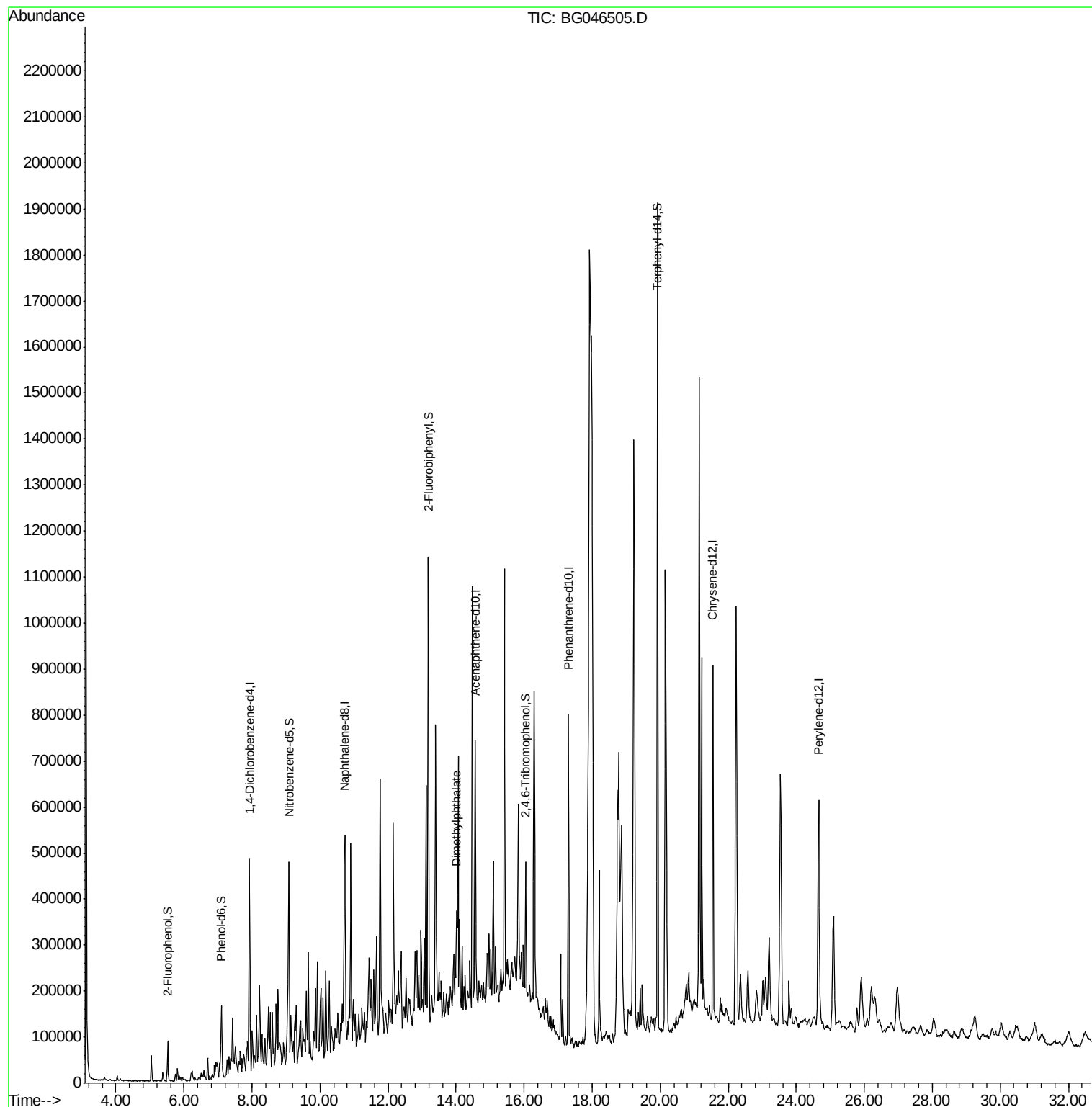
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	70341	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	271781	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	180414	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	459779	20.00	ng	0.00
76) Chrysene-d12	21.55	240	494129	20.00	ng	0.00
86) Perylene-d12	24.66	264	518343	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	41381	10.42	ng	0.00
7) Phenol-d6	7.10	99	51632	9.17	ng	0.00
23) Nitrobenzene-d5	9.09	82	253071	53.22	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	43353	17.74	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	541314	45.80	ng	0.00
79) Terphenyl-d14	19.92	244	787242	33.91	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	127016	9.100	ng	Qvalue # 98

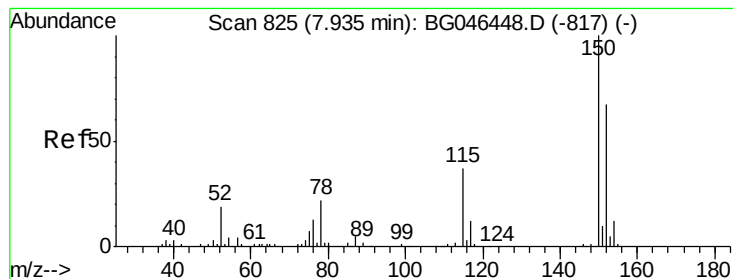
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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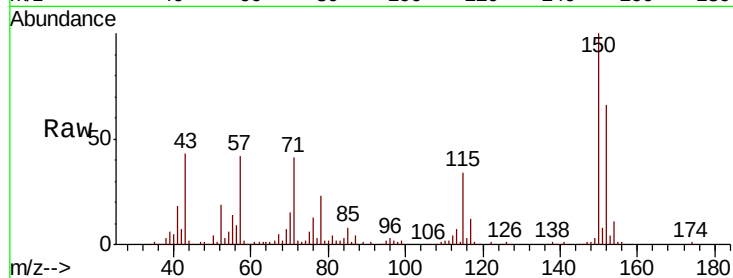


#1

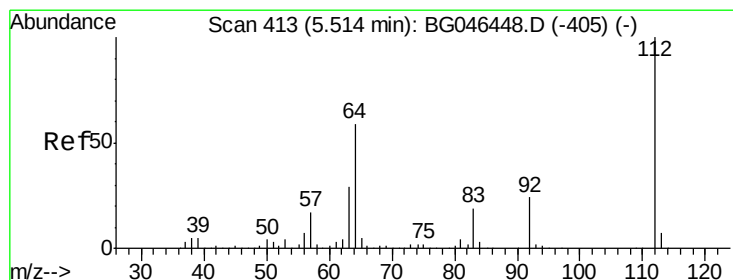
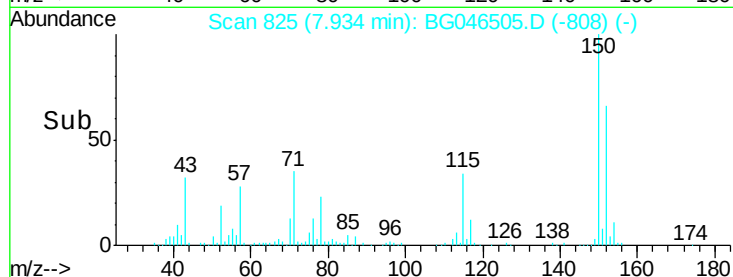
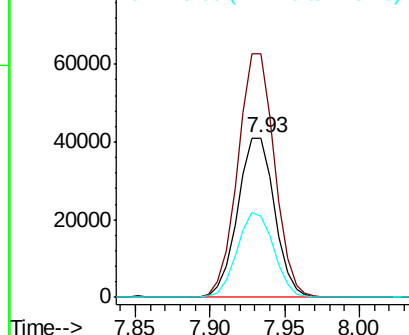
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG046505.D
Acq: 2 Sep 2020 16:09

Instrument :
BNA_G
ClientSampleId :
GW

Tot Ion:152 Resp: 70341
Ion Ratio Lower Upper
152 100
150 152.4 119.5 179.3
115 51.2 44.3 66.5



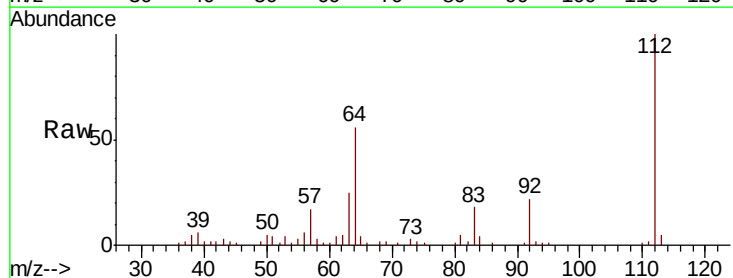
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



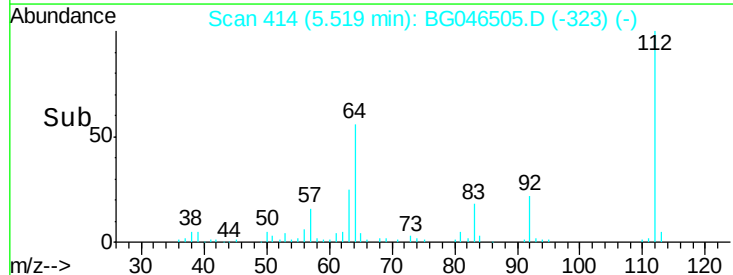
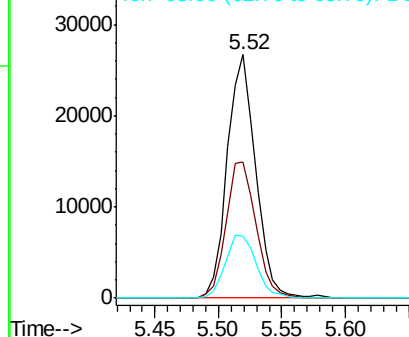
#5

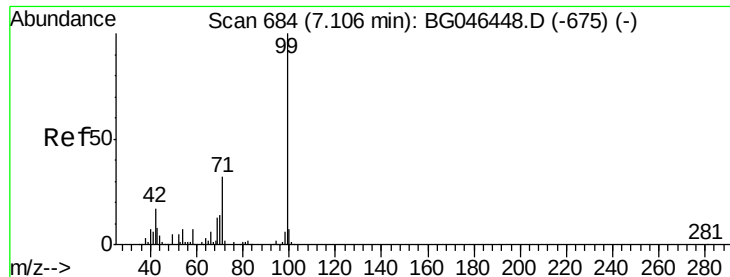
2-Fluorophenol
Concen: 10.420 ng
RT: 5.52 min Scan# 414
Delta R.T. 0.01 min
Lab File: BG046505.D
Acq: 2 Sep 2020 16:09

Tgt Ion:112 Resp: 41381
Ion Ratio Lower Upper
112 100
64 56.0 47.0 70.6
63 25.2 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 9.171 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046505.D

Acq: 2 Sep 2020 16:09

Instrument :

BNA_G

ClientSampleId :

GW

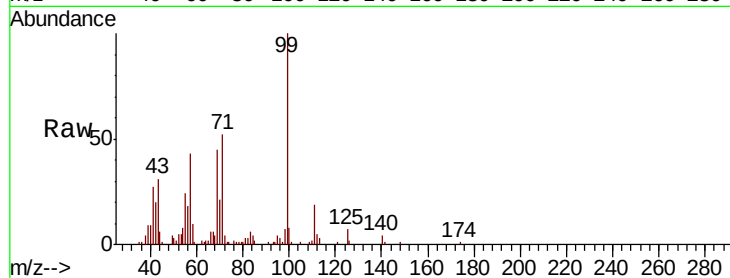
Tot Ion: 99 Resp: 51632

Ion Ratio Lower Upper

99 100

42 19.7 13.3 19.9

71 51.9 25.3 37.9#

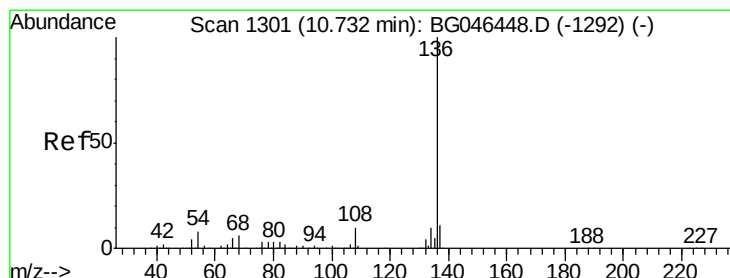
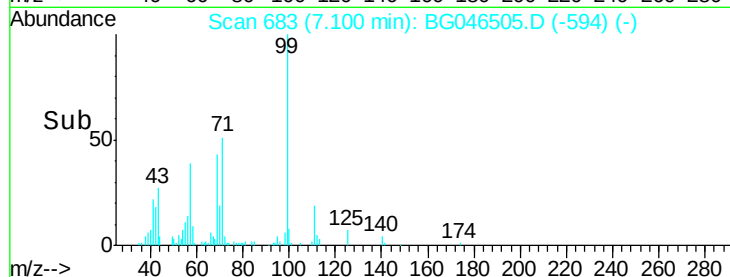
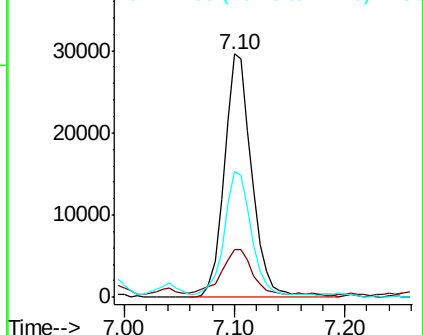


Abundance

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: 10.72 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG046505.D

Acq: 2 Sep 2020 16:09

Tgt Ion: 136 Resp: 271781

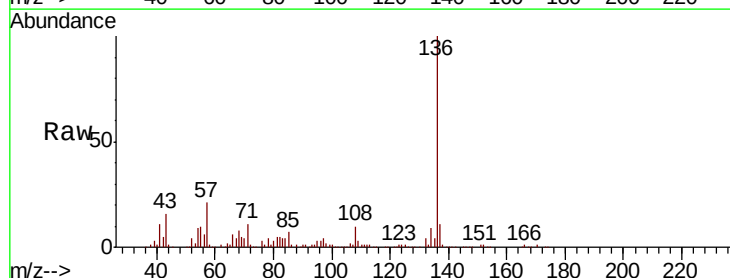
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.9 6.1 9.1

68 7.6 4.8 7.2#



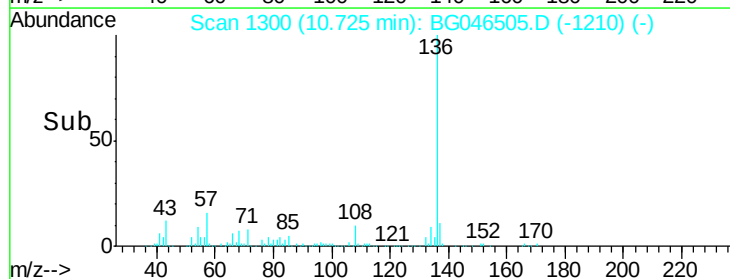
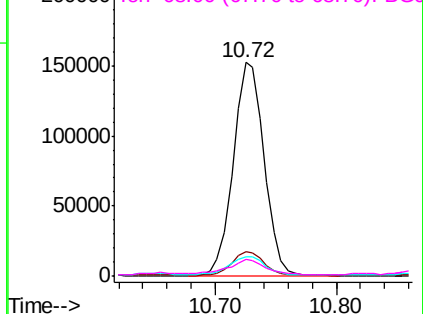
Abundance

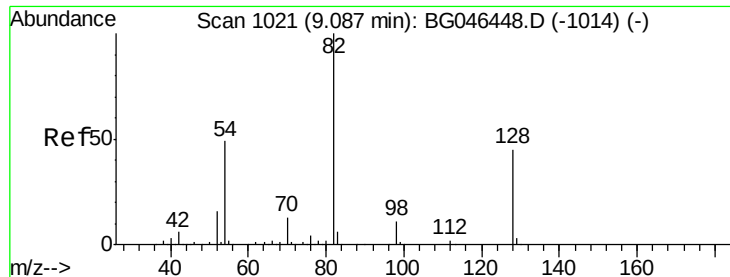
Ion 136.00 (135.70 to 136.70): BGC

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

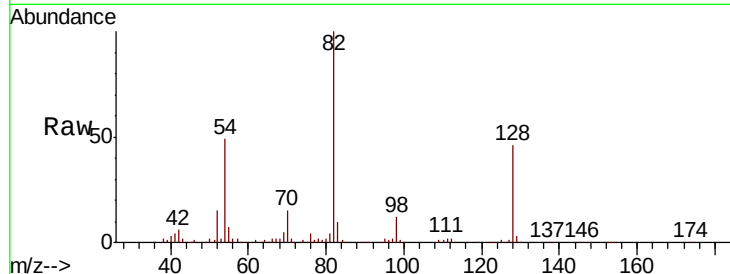




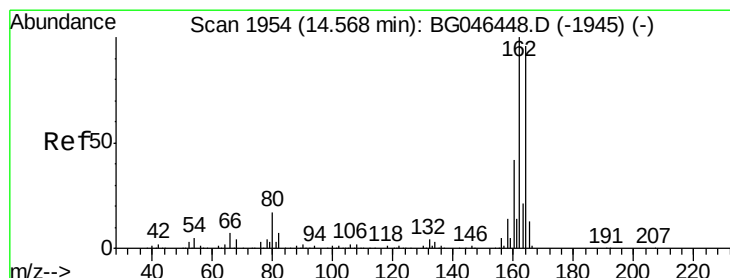
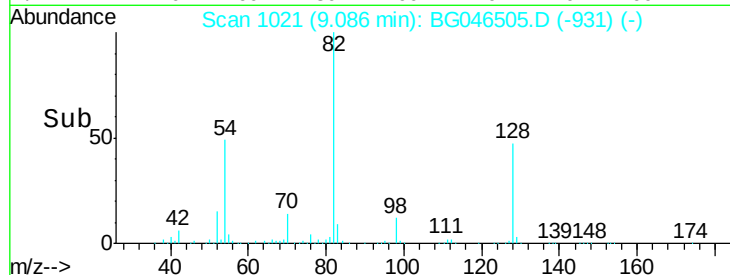
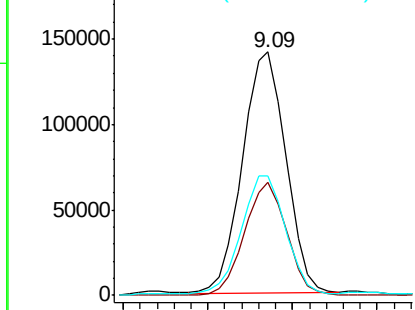
#23
Nitrobenzene-d5
Concen: 53.220 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG046505.D
Acq: 2 Sep 2020 16:09

Instrument :
BNA_G
ClientSampleId :
GW

Tot Ion	82	Resp	253071
Ion Ratio	Lower	Upper	
82	100		
128	46.4	35.7	53.5
54	48.9	39.4	59.0

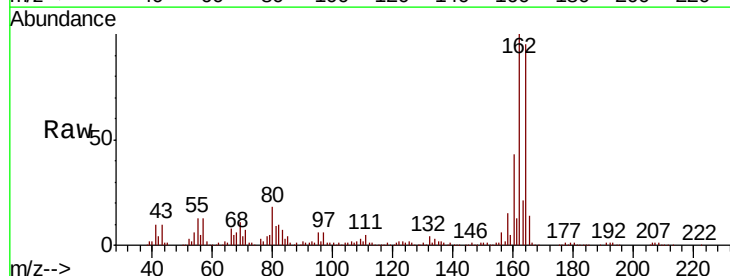


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

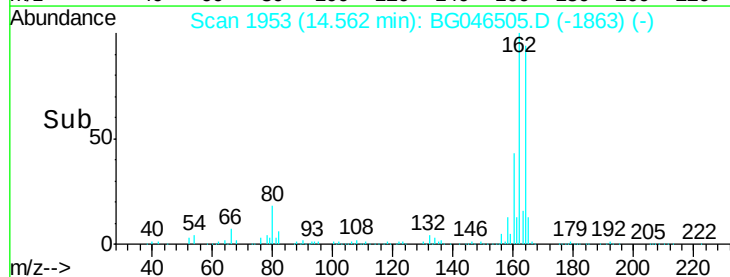
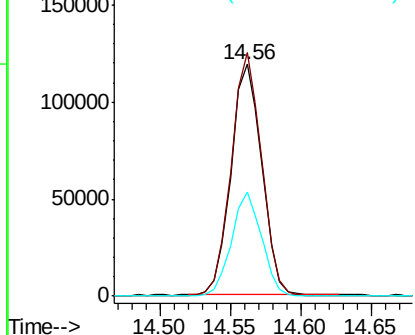


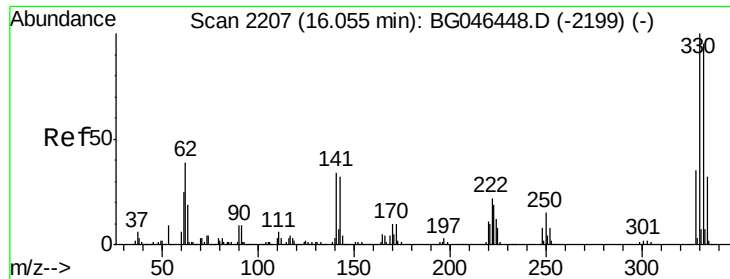
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG046505.D
Acq: 2 Sep 2020 16:09

Tgt Ion	164	Resp	180414
Ion Ratio	Lower	Upper	
164	100		
162	105.2	83.3	124.9
160	44.7	35.0	52.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

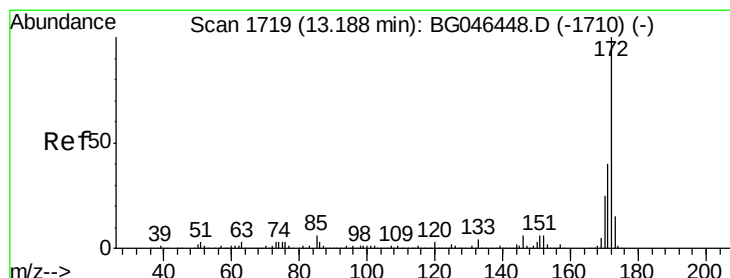
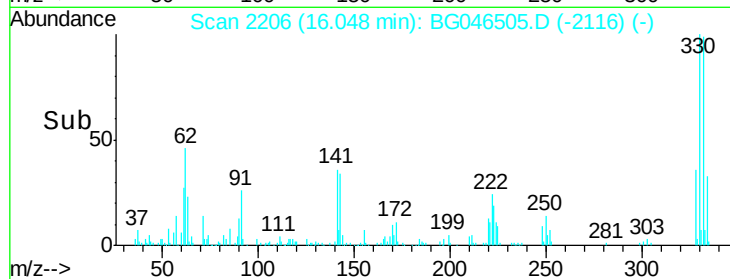
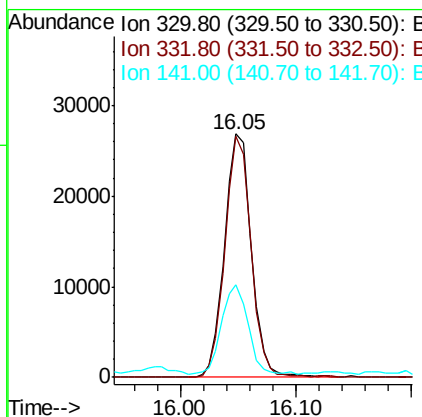
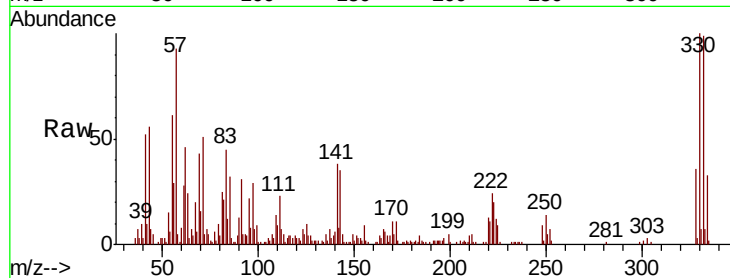




#42
 2,4,6-Tribromophenol
 Concen: 17.735 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG046505.D
 Acq: 2 Sep 2020 16:09

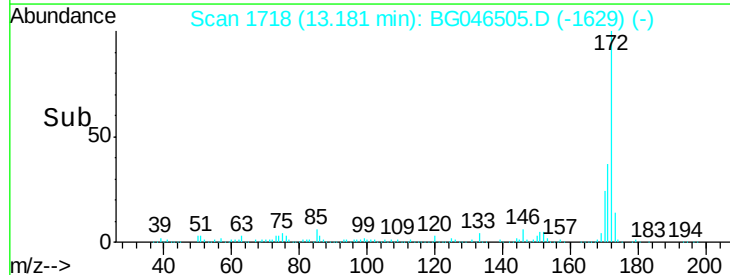
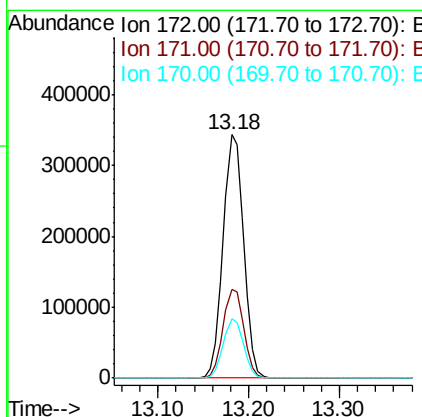
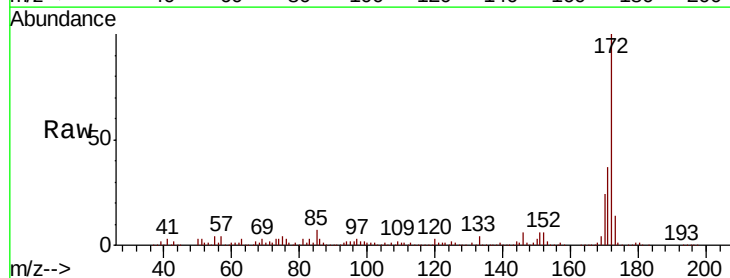
Instrument :
 BNA_G
 ClientSampleId :
 GW

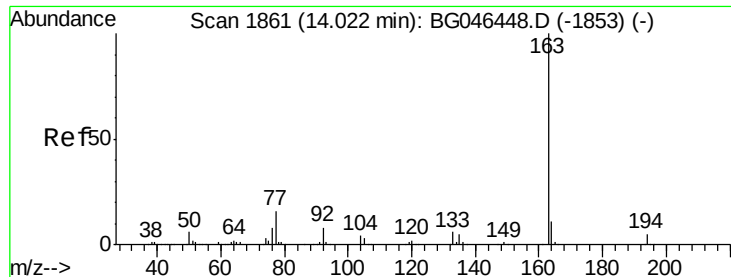
Tot Ion:330 Resp: 43353
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.1 114.1
 141 35.9 26.1 39.1



#45
 2-Fluorobiphenyl
 Concen: 45.803 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046505.D
 Acq: 2 Sep 2020 16:09

Tgt Ion:172 Resp: 541314
 Ion Ratio Lower Upper
 172 100
 171 36.5 31.8 47.6
 170 24.3 20.3 30.5





#50

Dimethylphthalate

Concen: 9.100 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG046505.D

Acq: 2 Sep 2020 16:09

Instrument :

BNA_G

ClientSampleId :

GW

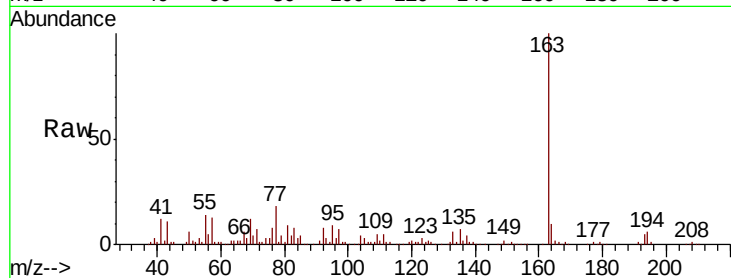
Tot Ion:163 Resp: 127016

Ion Ratio Lower Upper

163 100

194 5.7 3.7 5.5#

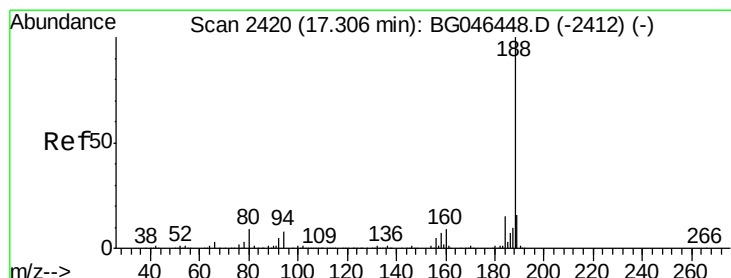
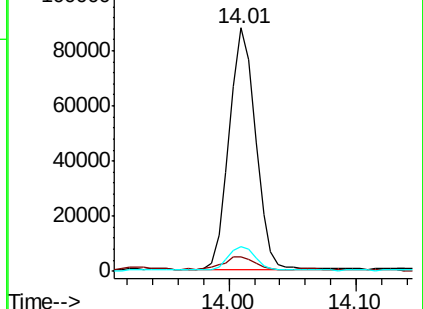
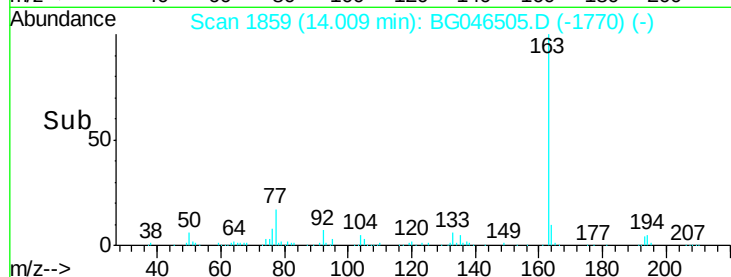
164 10.1 8.6 12.8



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: 17.31 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BG046505.D

Acq: 2 Sep 2020 16:09

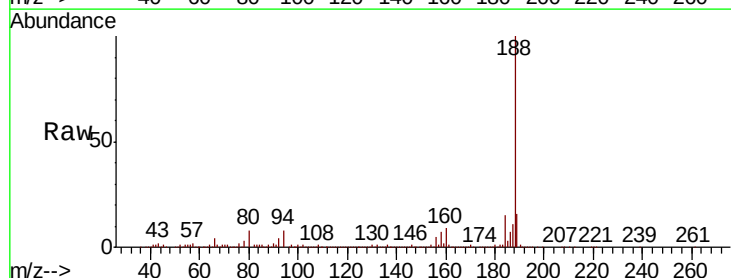
Tgt Ion:188 Resp: 459779

Ion Ratio Lower Upper

188 100

94 7.7 6.3 9.5

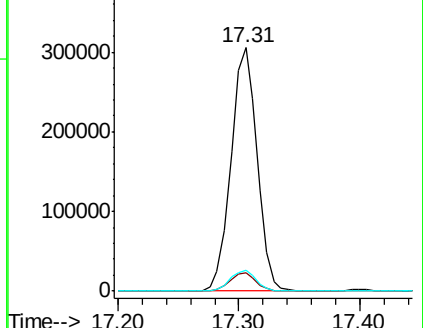
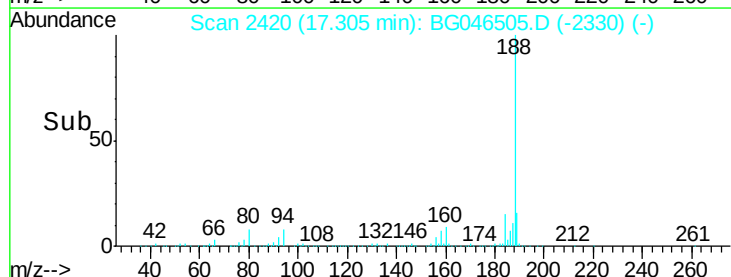
80 8.4 6.9 10.3

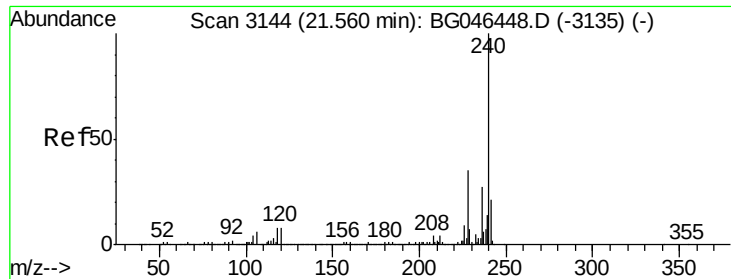


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

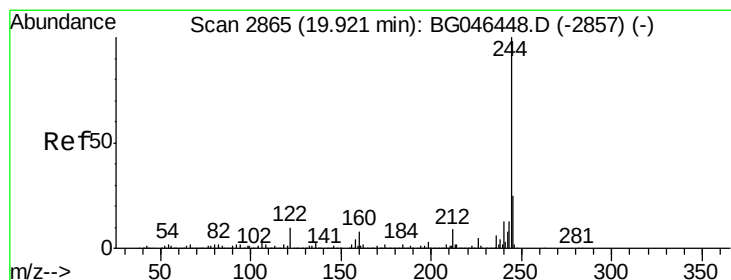
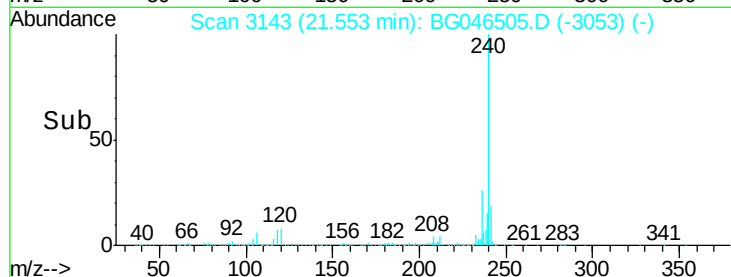
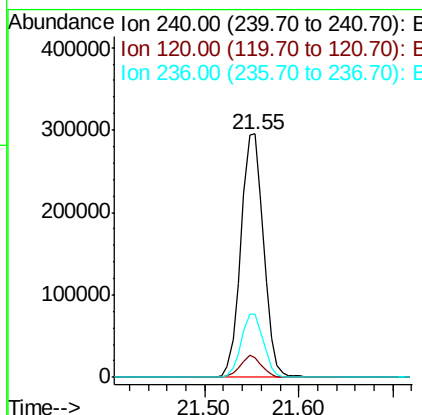
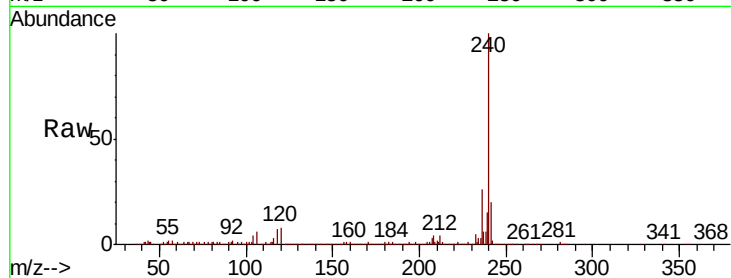




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG046505.D
Acq: 2 Sep 2020 16:09

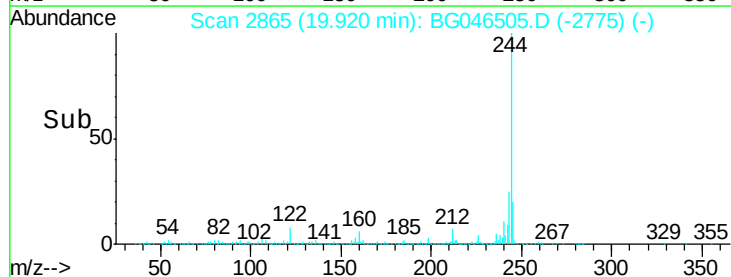
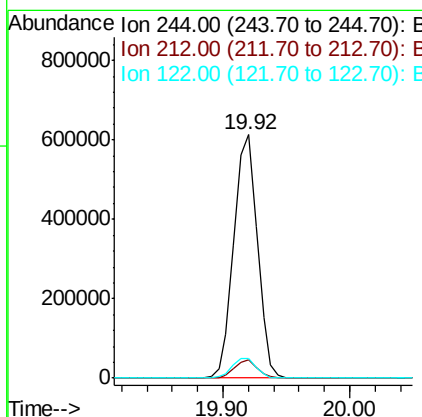
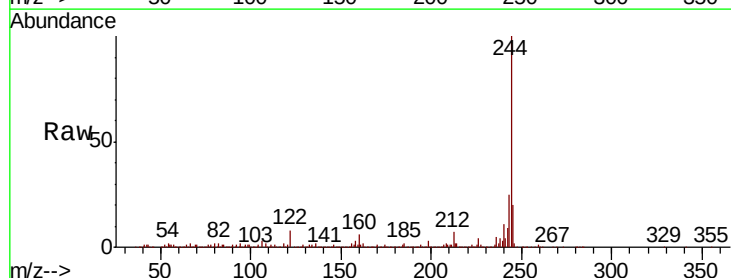
Instrument :
BNA_G
ClientSampleId :
GW

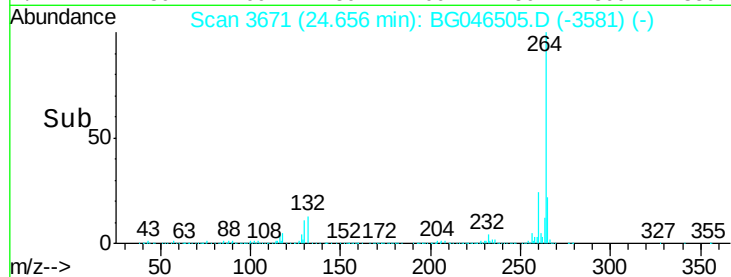
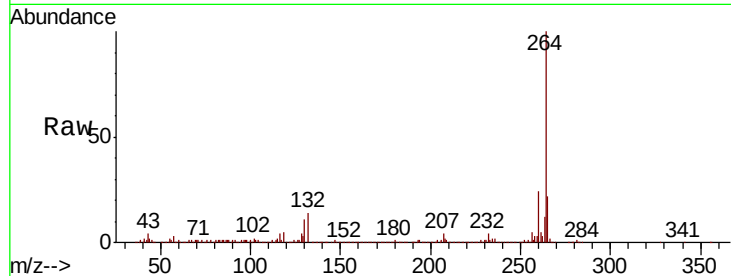
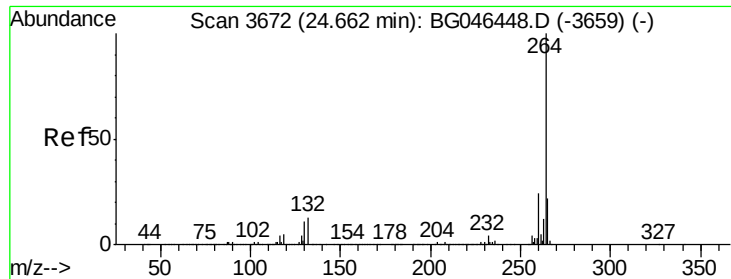
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.6	10.0
236	25.9	21.4	32.2



#79
Terphenyl-d14
Concen: 33.906 ng
RT: 19.92 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BG046505.D
Acq: 2 Sep 2020 16:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.9	10.3
122	8.0	8.2	12.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.66 min Scan# 3671
 Delta R.T. -0.00 min
 Lab File: BG046505.D
 Acq: 2 Sep 2020 16:09

Instrument :
 BNA_G
 ClientSampleId :
 GW

Tot Ion:	264	Resp:	518343
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.9	26.9

