

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046609.D
 Acq On : 14 Sep 2020 18:51
 Operator : CG/JU
 Sample : L3981-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9

Quant Time: Sep 15 01:48:37 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

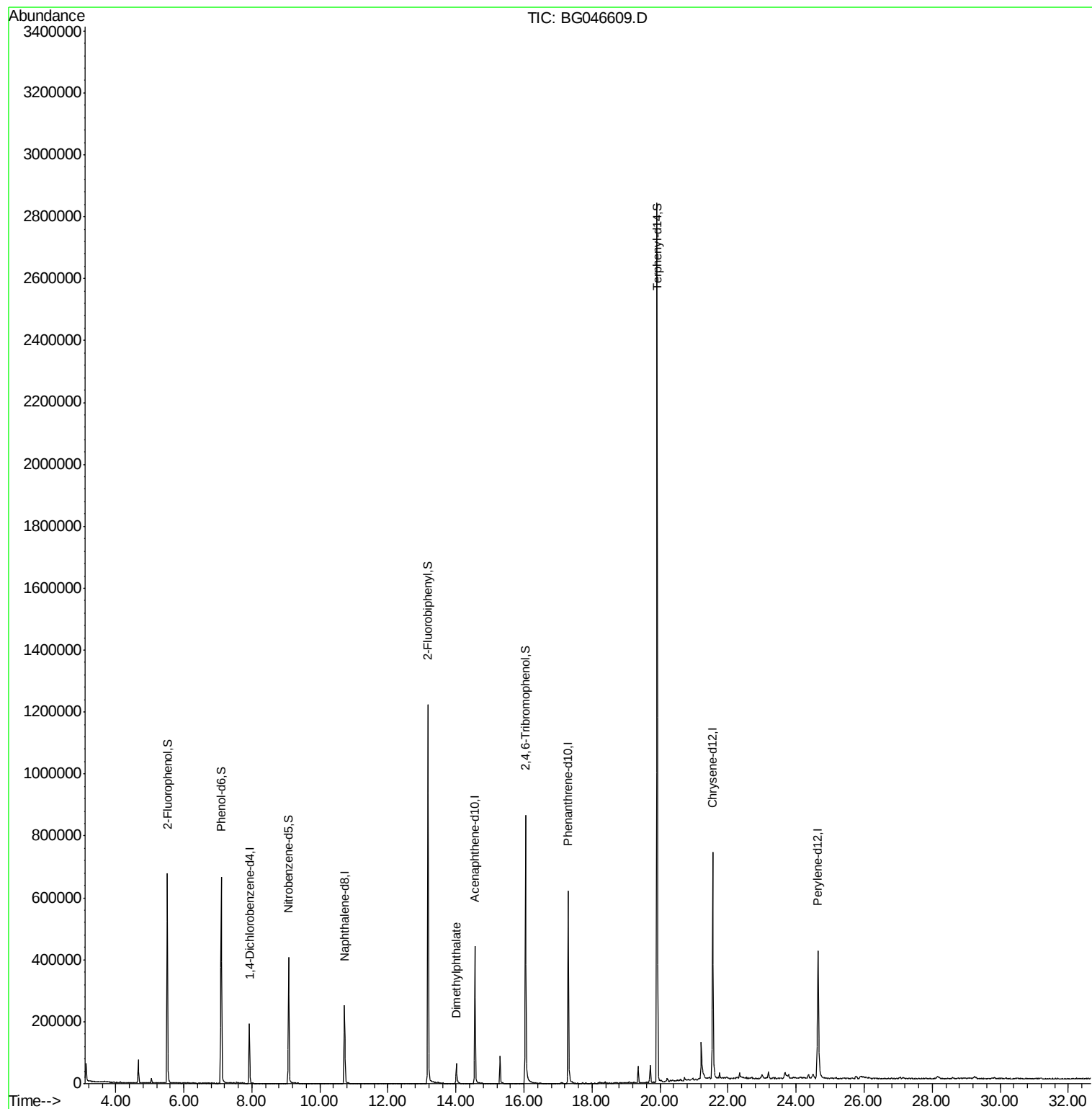
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	61052	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	243904	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	170675	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	433728	20.00	ng	0.00
76) Chrysene-d12	21.55	240	465996	20.00	ng	0.00
86) Perylene-d12	24.64	264	450043	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	328247	95.23	ng	0.00
7) Phenol-d6	7.10	99	435226	89.07	ng	0.00
23) Nitrobenzene-d5	9.08	82	274982	64.44	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	202242	87.45	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	727406	65.06	ng	0.00
79) Terphenyl-d14	19.91	244	1268072	57.91	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	65942	4.994	ng	Qvalue 99

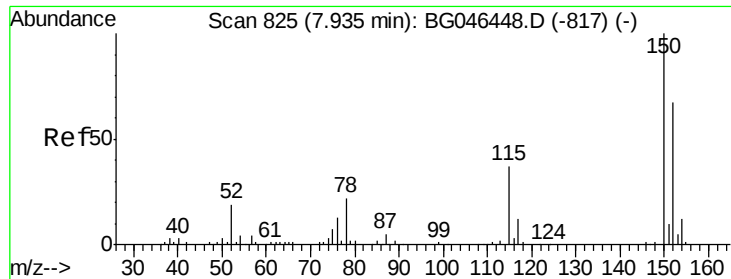
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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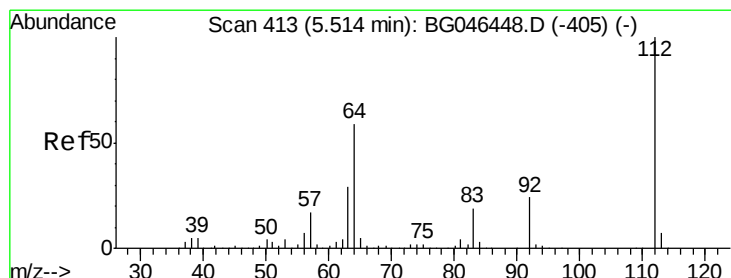
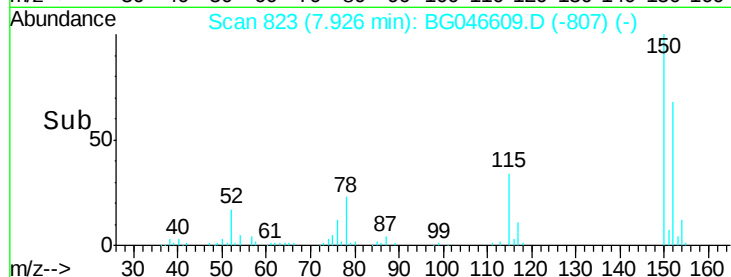
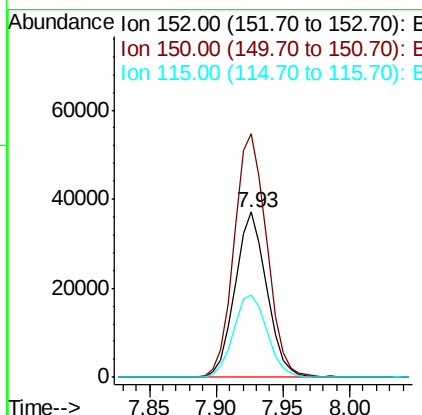
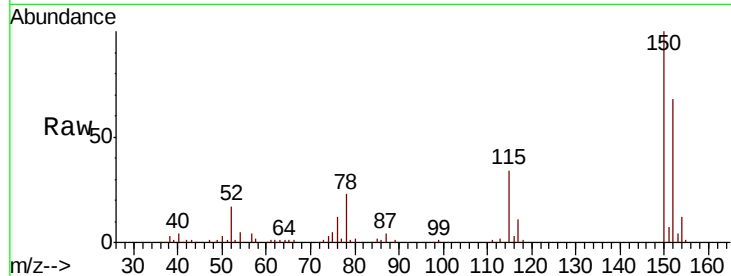


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046609.D
 Acq: 14 Sep 2020 18:51

Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9

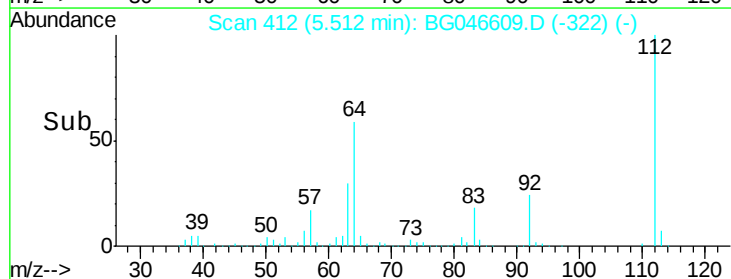
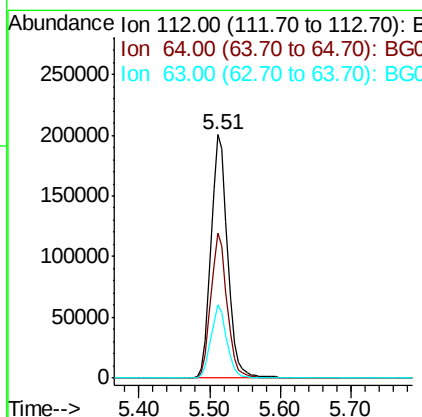
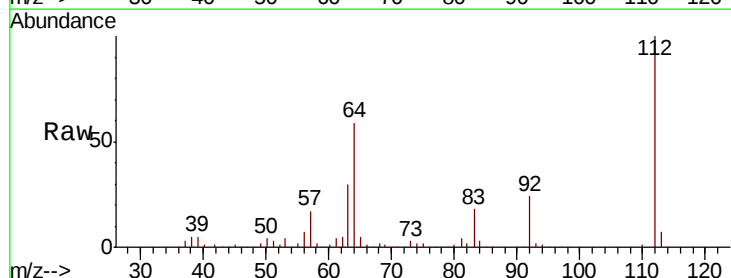
Tot Ion:152 Resp: 61052
 Ion Ratio Lower Upper
 152 100
 150 147.6 119.5 179.3
 115 49.5 44.3 66.5

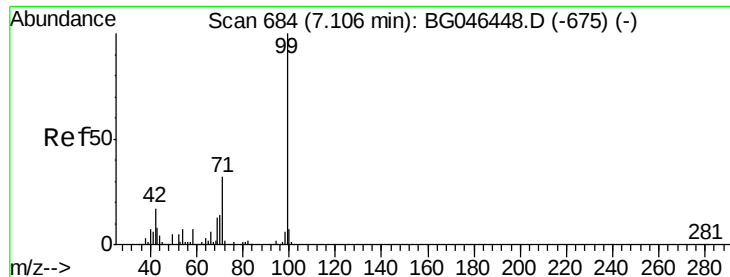


#5

2-Fluorophenol
 Concen: 95.228 ng
 RT: 5.51 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BG046609.D
 Acq: 14 Sep 2020 18:51

Tgt Ion:112 Resp: 328247
 Ion Ratio Lower Upper
 112 100
 64 59.5 47.0 70.6
 63 30.1 23.5 35.3





#7

Phenol-d6

Concen: 89.068 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG046609.D

Acq: 14 Sep 2020 18:51

Instrument :

BNA_G

ClientSampleId :

B20-7-9

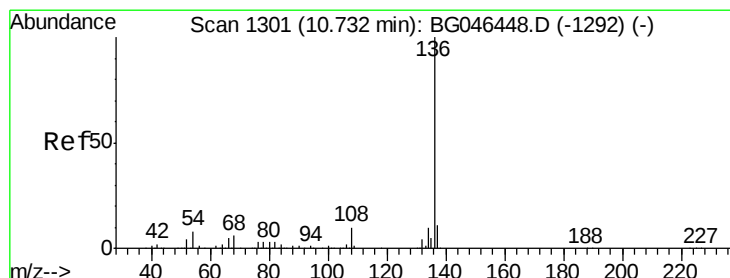
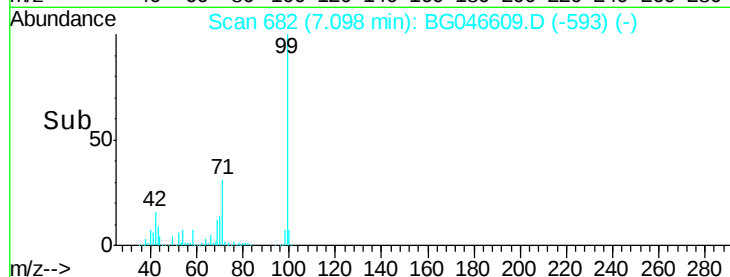
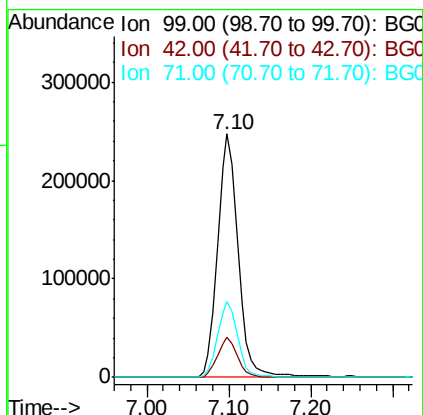
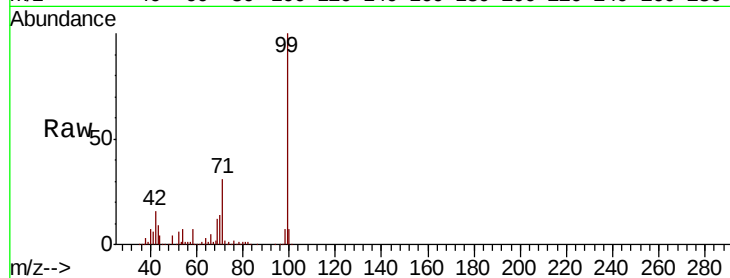
Tot Ion: 99 Resp: 435226

Ion Ratio Lower Upper

99 100

42 16.5 13.3 19.9

71 30.9 25.3 37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG046609.D

Acq: 14 Sep 2020 18:51

Tgt Ion: 136 Resp: 243904

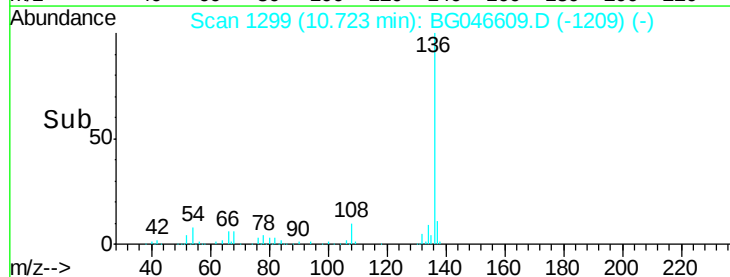
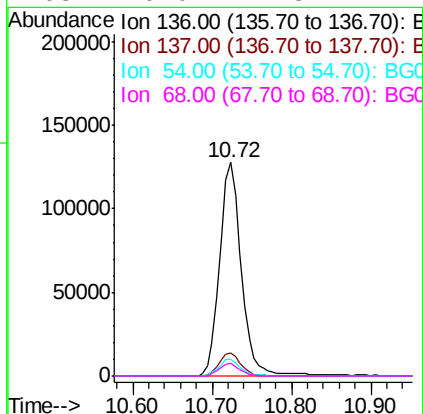
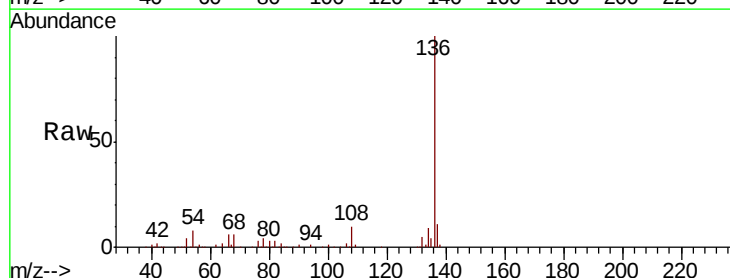
Ion Ratio Lower Upper

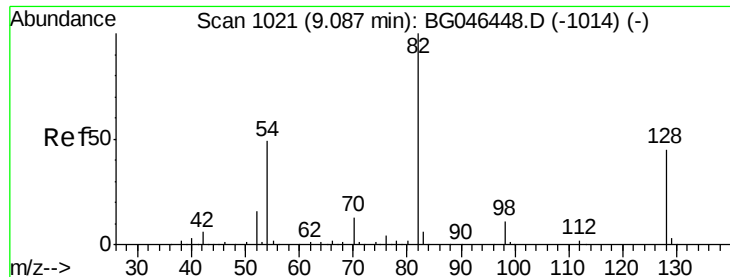
136 100

137 10.9 8.8 13.2

54 8.1 6.1 9.1

68 6.0 4.8 7.2

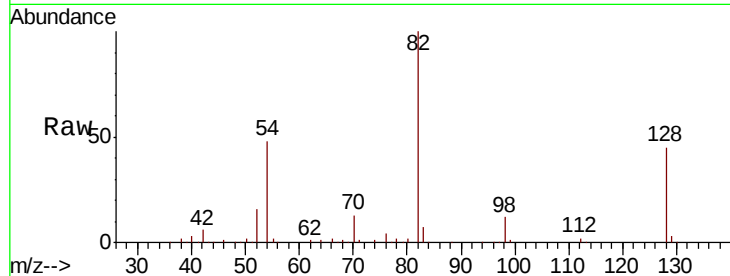




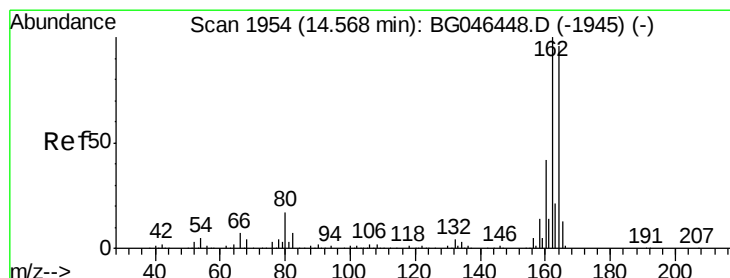
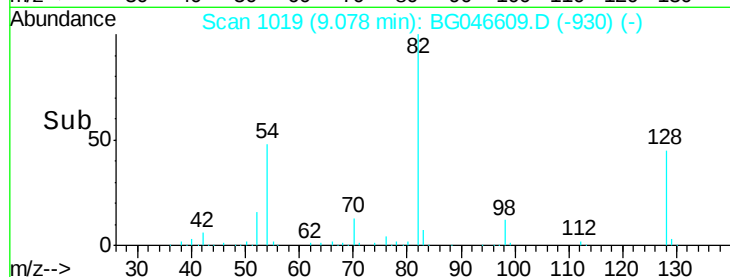
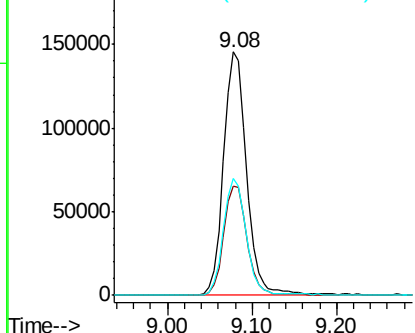
#23
Nitrobenzene-d5
Concen: 64.438 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG046609.D
Acq: 14 Sep 2020 18:51

Instrument :
BNA_G
ClientSampled :
B20-7-9

Tot Ion: 82 Resp: 274982
Ion Ratio Lower Upper
82 100
128 44.8 35.7 53.5
54 48.0 39.4 59.0

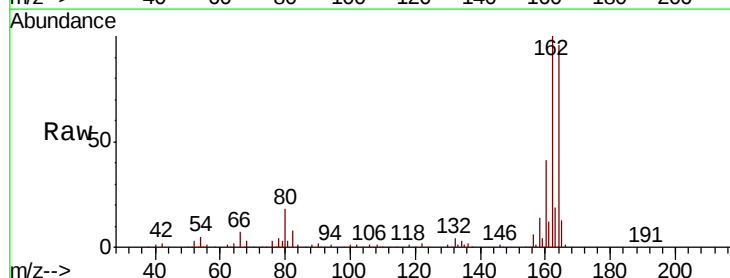


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

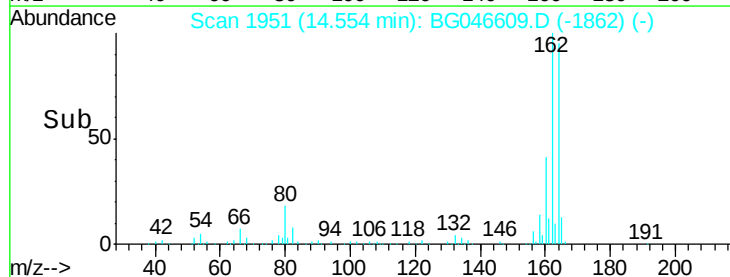
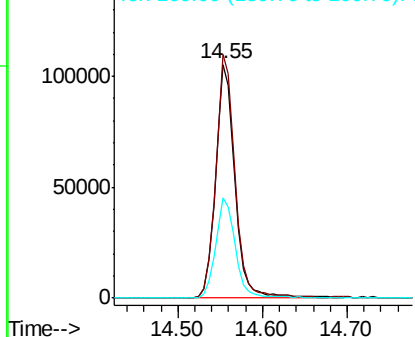


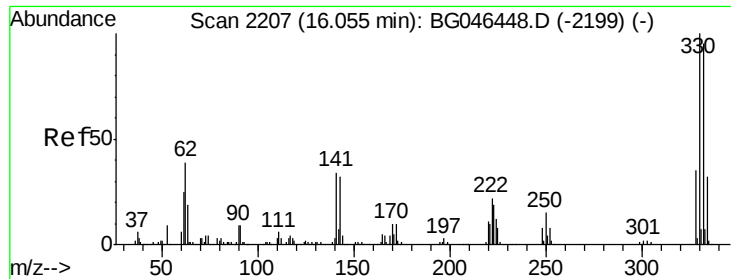
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG046609.D
Acq: 14 Sep 2020 18:51

Tgt Ion: 164 Resp: 170675
Ion Ratio Lower Upper
164 100
162 104.2 83.3 124.9
160 43.0 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

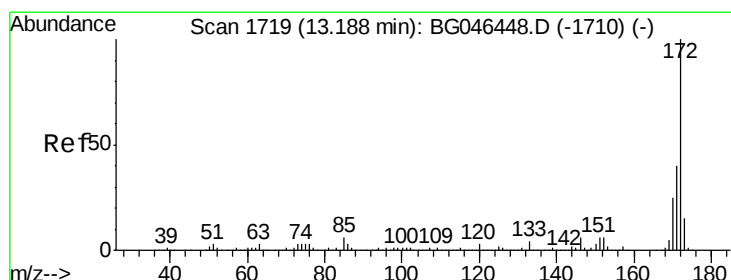
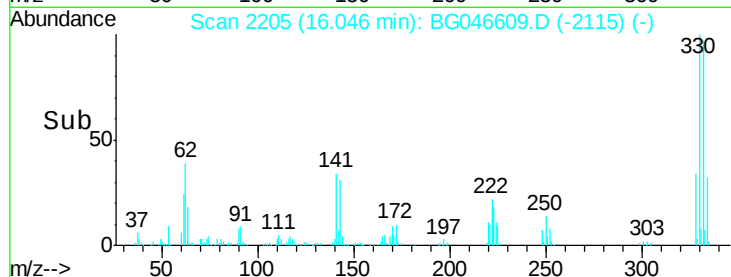
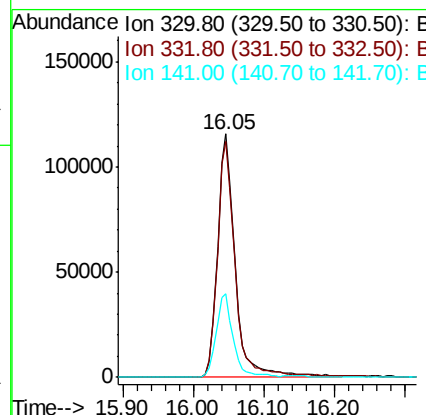
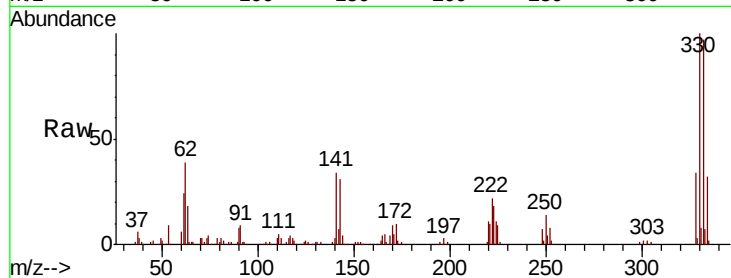




#42
 2,4,6-Tribromophenol
 Concen: 87.455 ng
 RT: 16.05 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG046609.D
 Acq: 14 Sep 2020 18:51

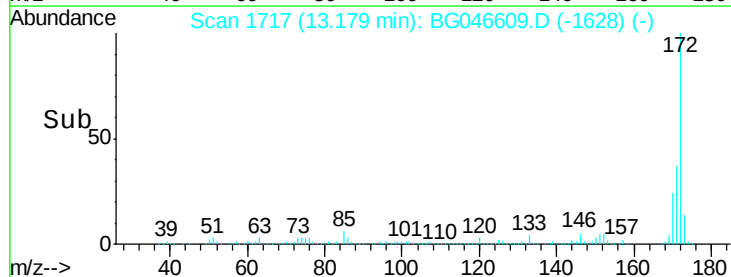
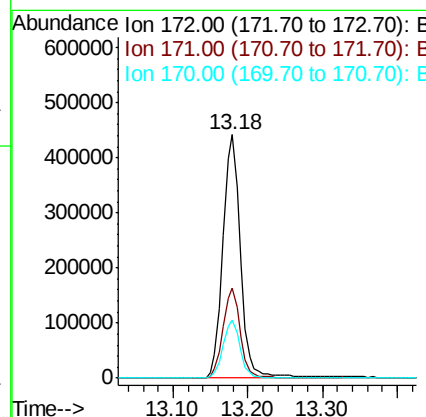
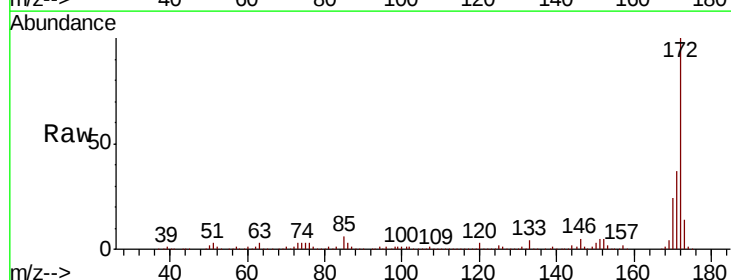
Instrument :
 BNA_G
 ClientSampled :
 B20-7-9

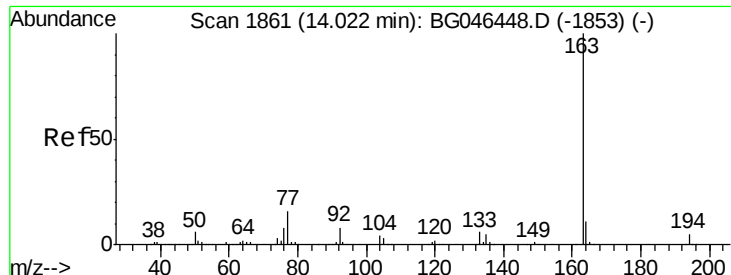
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.1	114.1
141	32.9	26.1	39.1



#45
 2-Fluorobiphenyl
 Concen: 65.061 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG046609.D
 Acq: 14 Sep 2020 18:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.8	47.6
170	23.8	20.3	30.5





#50

Dimethylphthalate

Concen: 4.994 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG046609.D

Acq: 14 Sep 2020 18:51

Instrument :

BNA_G

ClientSampled :

B20-7-9

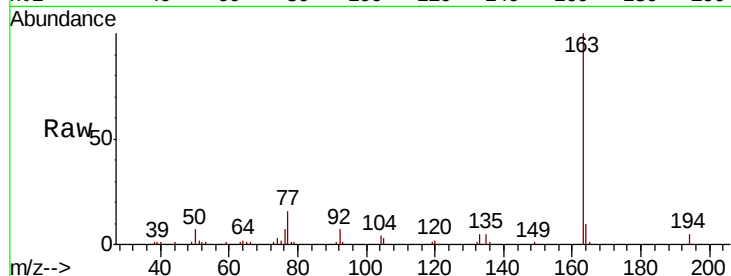
Tot Ion:163 Resp: 65942

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

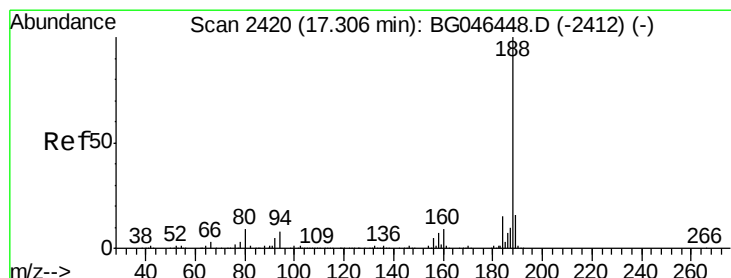
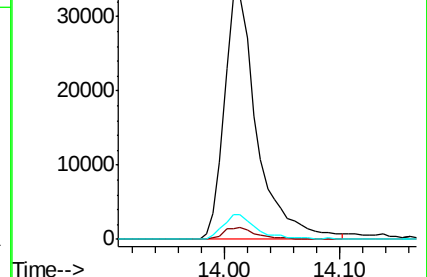
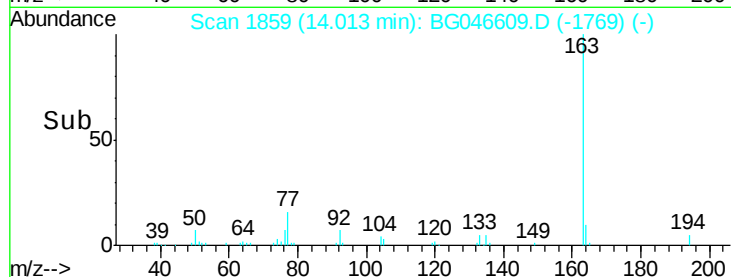
164 10.1 8.6 12.8



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: 17.30 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG046609.D

Acq: 14 Sep 2020 18:51

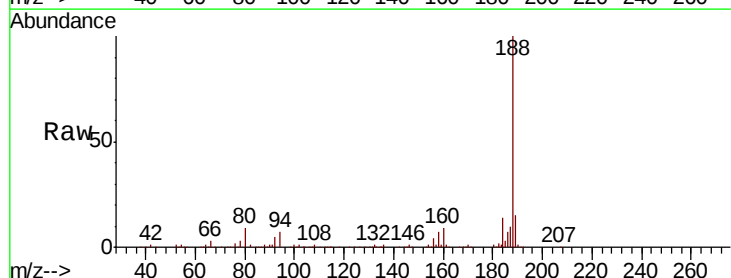
Tgt Ion:188 Resp: 433728

Ion Ratio Lower Upper

188 100

94 7.4 6.3 9.5

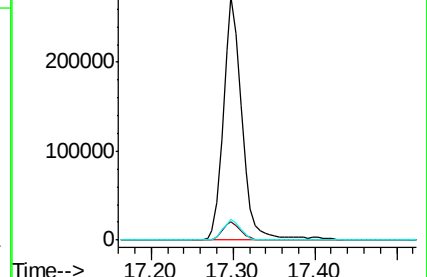
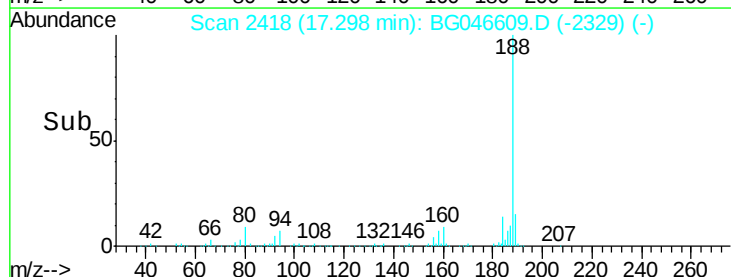
80 8.7 6.9 10.3

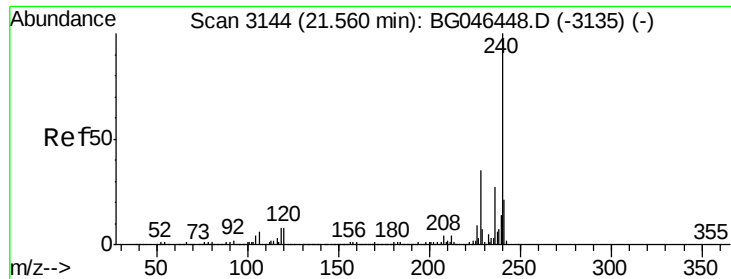


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

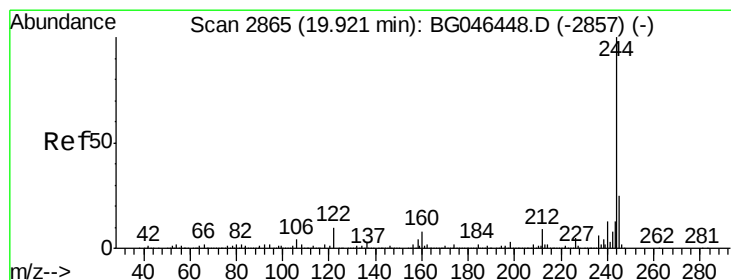
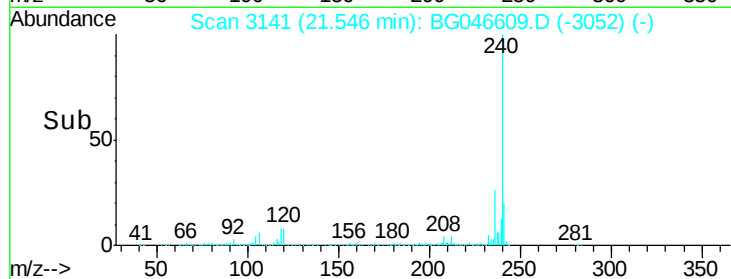
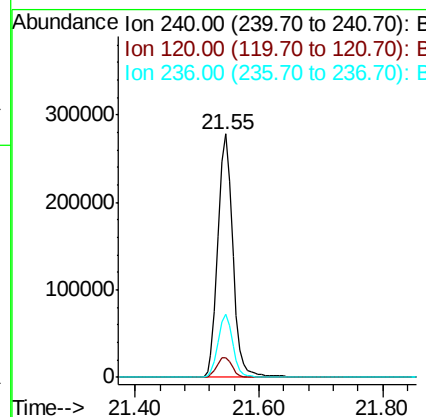
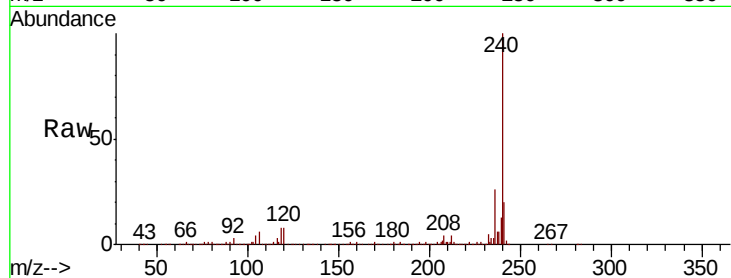




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG046609.D
 Acq: 14 Sep 2020 18:51

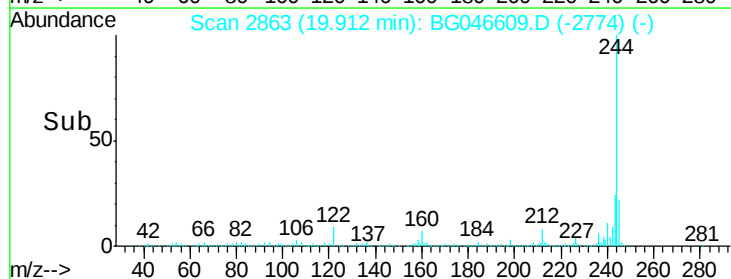
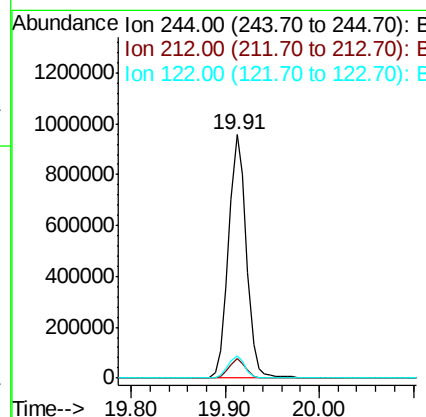
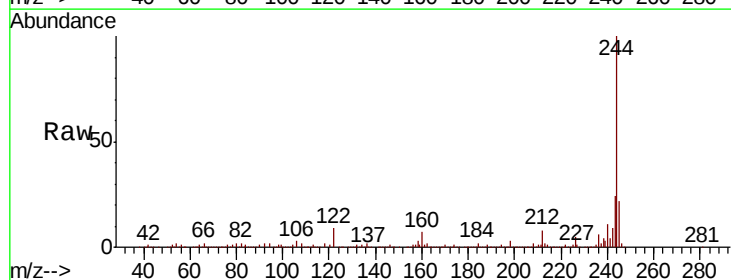
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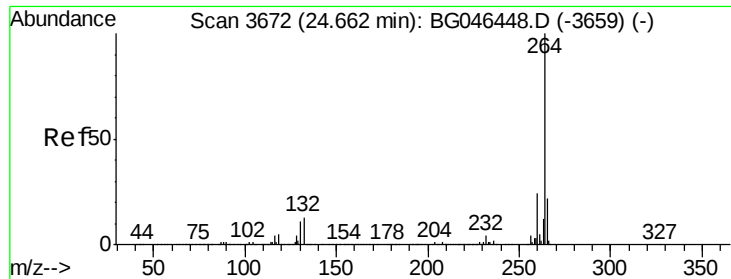
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.6	10.0
236	25.7	21.4	32.2



#79
 Terphenyl-d14
 Concen: 57.912 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG046609.D
 Acq: 14 Sep 2020 18:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.9	10.3
122	8.9	8.2	12.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.01 min
Lab File: BG046609.D
Acq: 14 Sep 2020 18:51

Instrument :
BNA_G
ClientSampleId :
B20-7-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.4	17.9	26.9

