

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046561.D
 Acq On : 8 Sep 2020 17:15
 Operator : CG/JU
 Sample : L3919-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-14

Quant Time: Sep 08 18:59:03 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

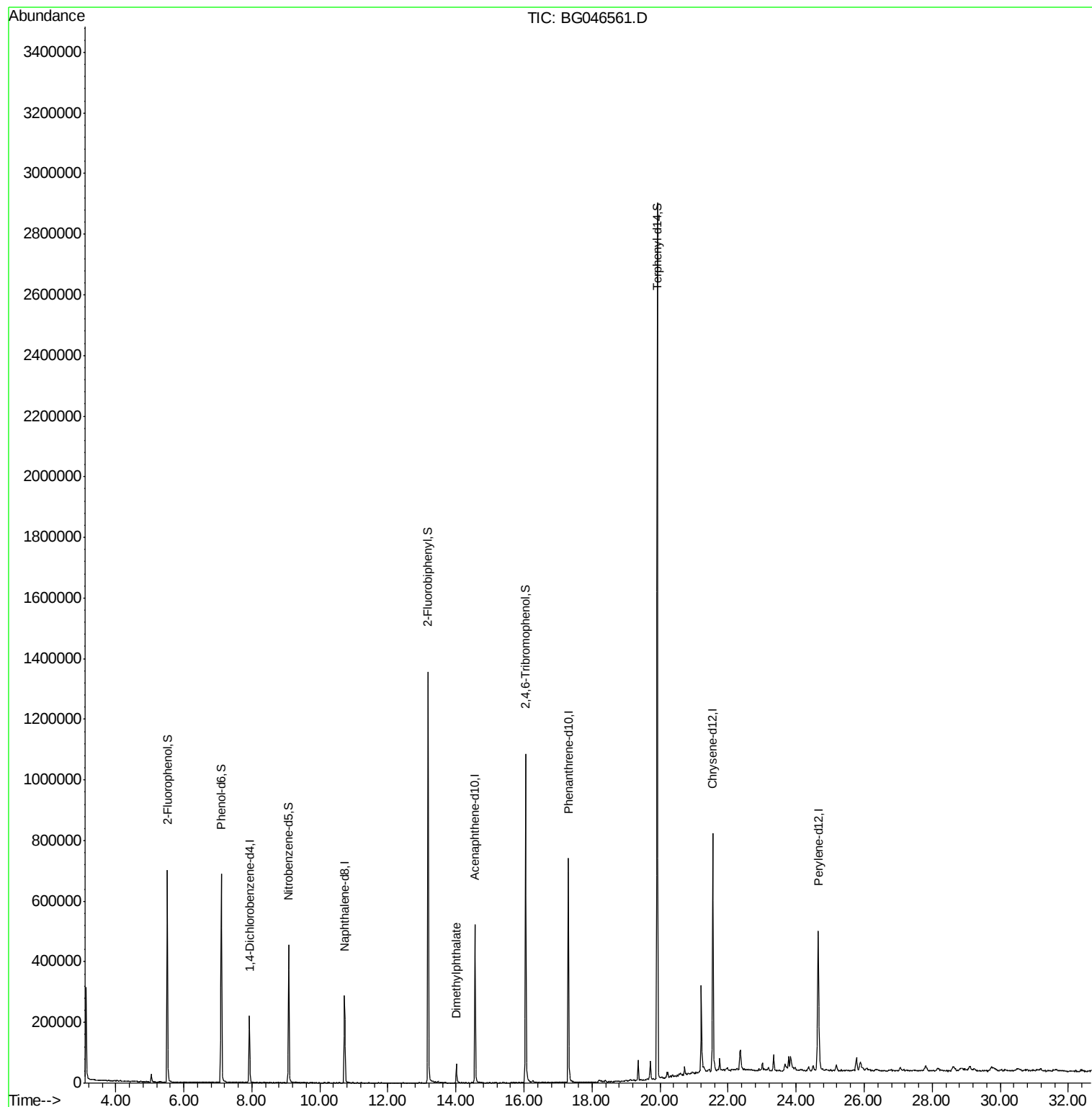
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	67947	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	275100	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	196844	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	501396	20.00	ng	0.00
76) Chrysene-d12	21.55	240	503264	20.00	ng	0.00
86) Perylene-d12	24.65	264	492501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	338679	88.28	ng	0.00
7) Phenol-d6	7.10	99	452647	83.23	ng	0.00
23) Nitrobenzene-d5	9.08	82	297605	61.83	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	237082	88.89	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	803393	62.30	ng	0.00
79) Terphenyl-d14	19.92	244	1318944	55.77	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	59421	3.902	ng	Qvalue 97

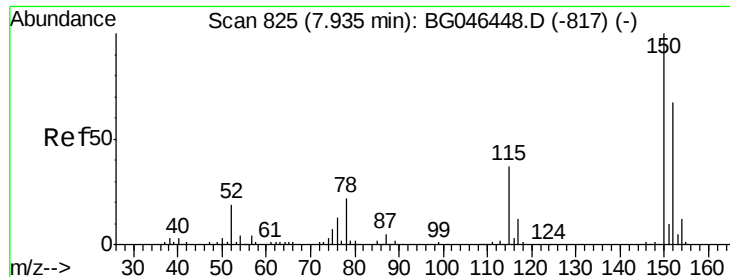
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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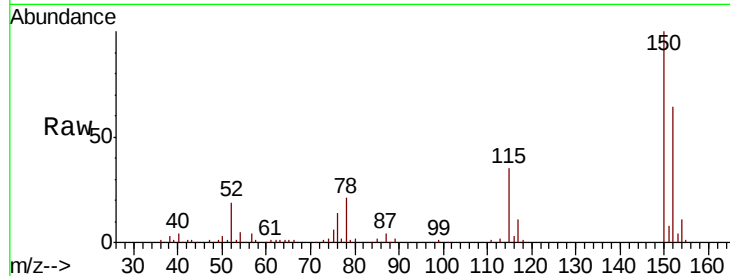


#1

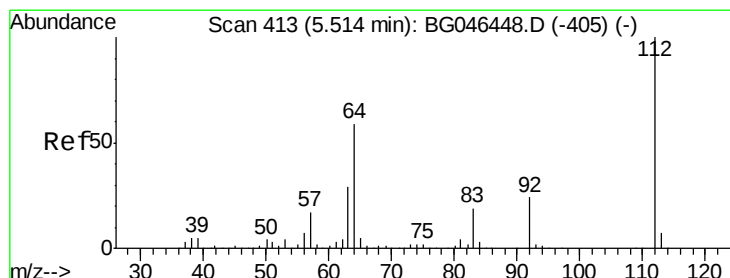
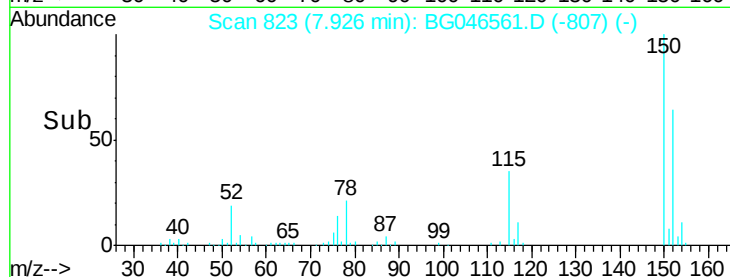
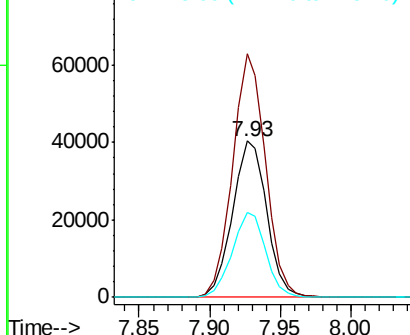
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046561.D
Acq: 8 Sep 2020 17:15

Instrument :
BNA_G
ClientSampleId :
TP-14

Tot Ion:152 Resp: 67947
Ion Ratio Lower Upper
152 100
150 155.8 119.5 179.3
115 54.2 44.3 66.5



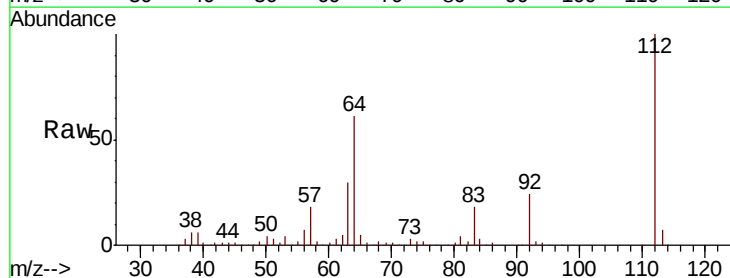
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



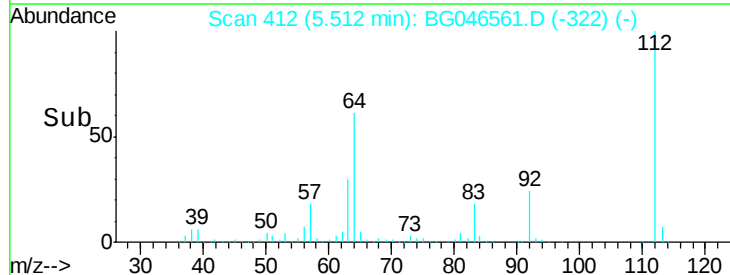
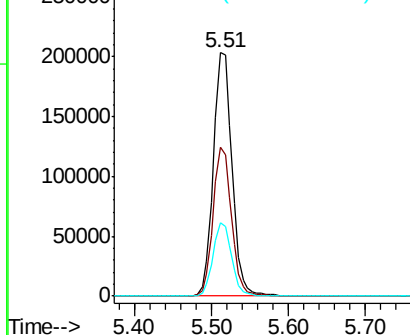
#5

2-Fluorophenol
Concen: 88.284 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG046561.D
Acq: 8 Sep 2020 17:15

Tgt Ion:112 Resp: 338679
Ion Ratio Lower Upper
112 100
64 61.2 47.0 70.6
63 30.4 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: 83.234 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046561.D

Acq: 8 Sep 2020 17:15

Instrument :

BNA_G

ClientSampleId :

TP-14

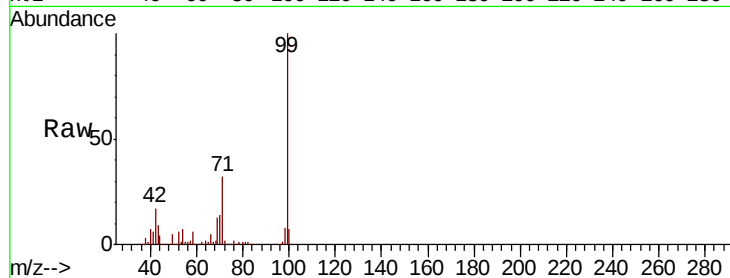
Tot Ion: 99 Resp: 452647

Ion Ratio Lower Upper

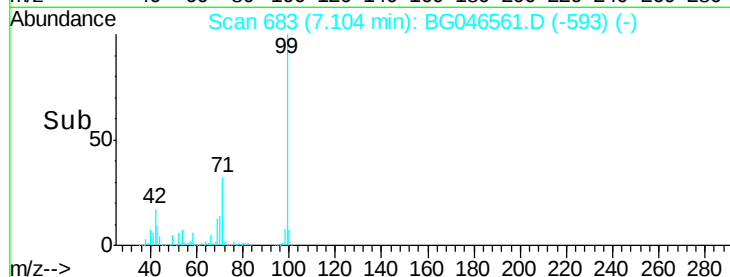
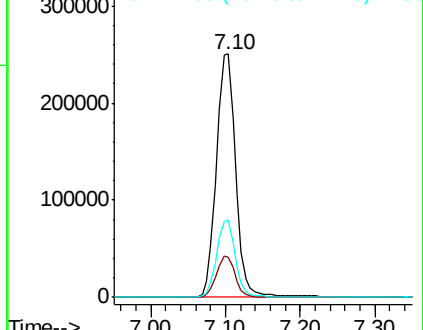
99 100

42 16.7 13.3 19.9

71 31.6 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# 1299

Delta R.T. -0.00 min

Lab File: BG046561.D

Acq: 8 Sep 2020 17:15

Tgt Ion: 136 Resp: 275100

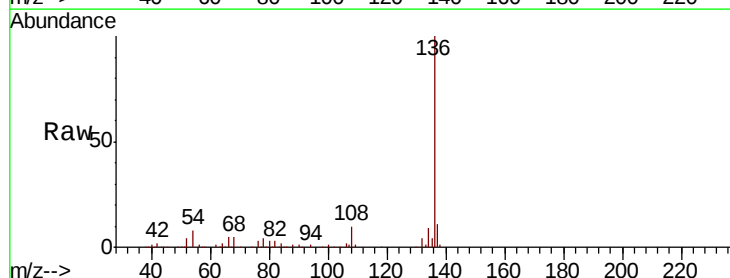
Ion Ratio Lower Upper

136 100

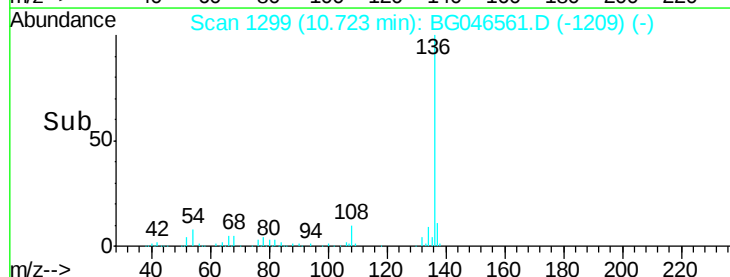
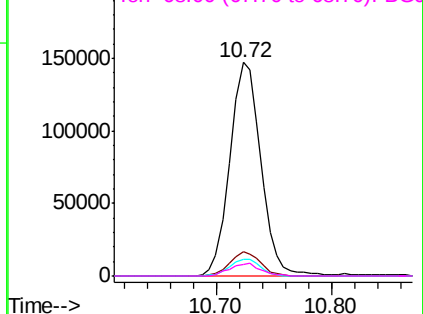
137 11.4 8.8 13.2

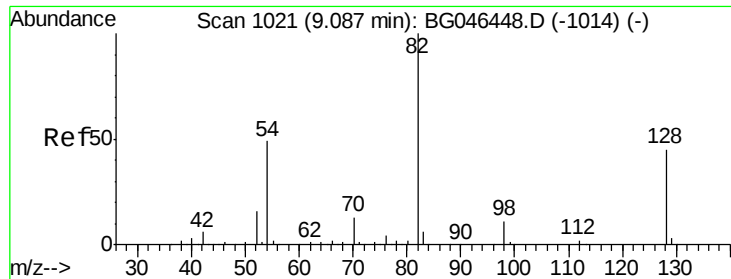
54 7.5 6.1 9.1

68 5.4 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

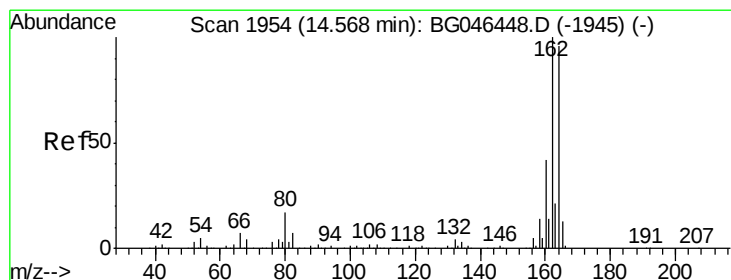
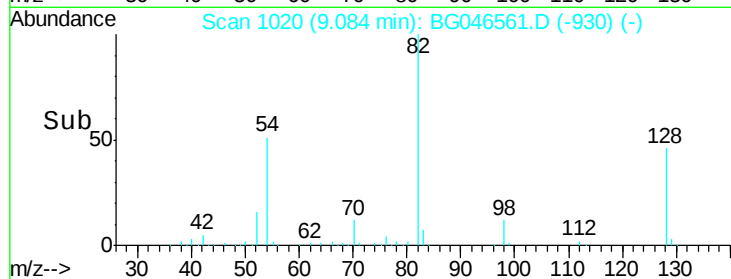
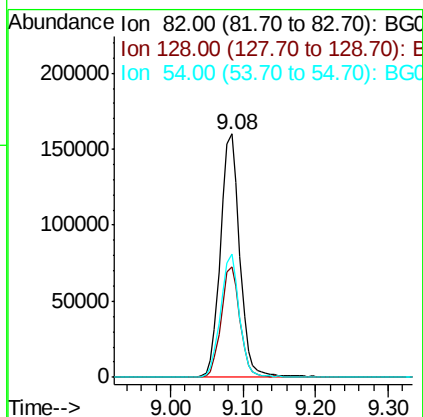
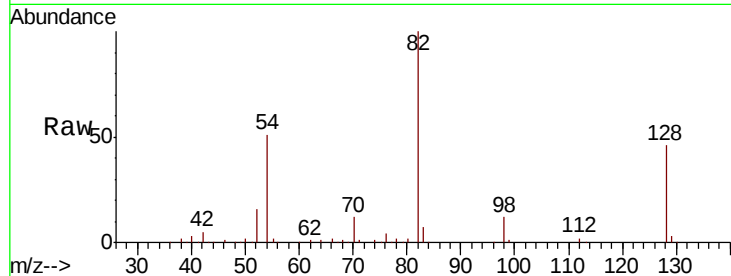




#23
 Nitrobenzene-d5
 Concen: 61.831 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046561.D
 Acq: 8 Sep 2020 17:15

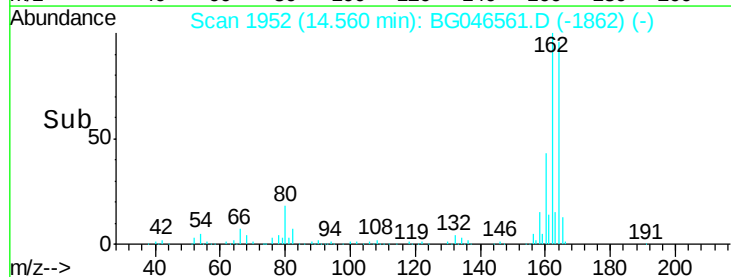
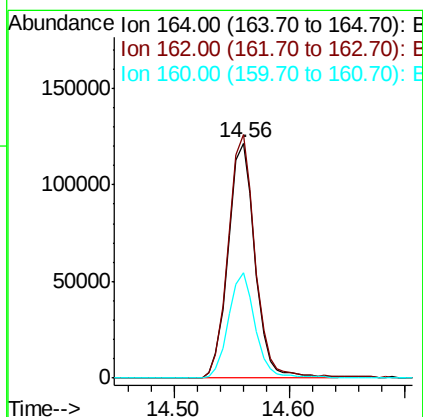
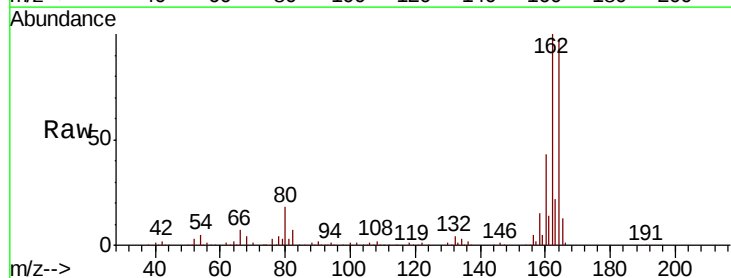
Instrument :
 BNA_G
 ClientSampleId :
 TP-14

Tot Ion	82	Resp	297605
Ion Ratio	Lower	Upper	
82	100		
128	45.6	35.7	53.5
54	50.7	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046561.D
 Acq: 8 Sep 2020 17:15

Tgt Ion	164	Resp	196844
Ion Ratio	Lower	Upper	
164	100		
162	103.5	83.3	124.9
160	44.6	35.0	52.6

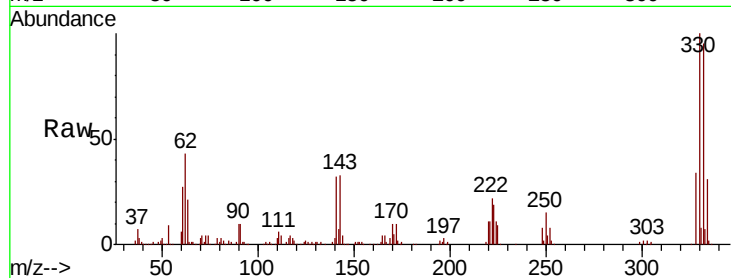




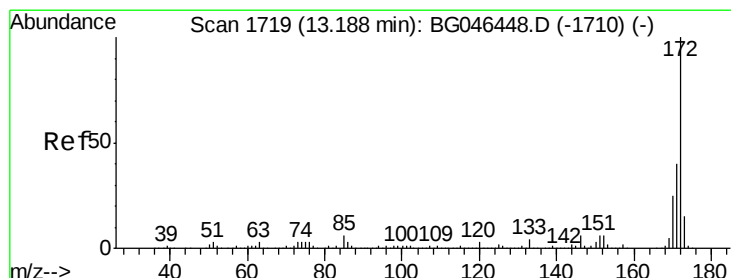
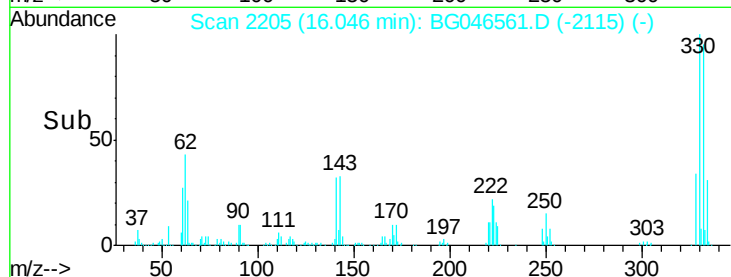
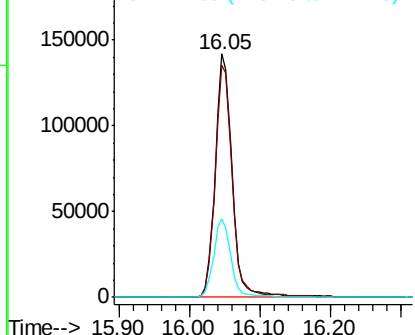
#42
 2,4,6-Tribromophenol
 Concen: 88.891 ng
 RT: 16.05 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG046561.D
 Acq: 8 Sep 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-14

Tot Ion:330 Resp: 237082
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.1 114.1
 141 33.0 26.1 39.1

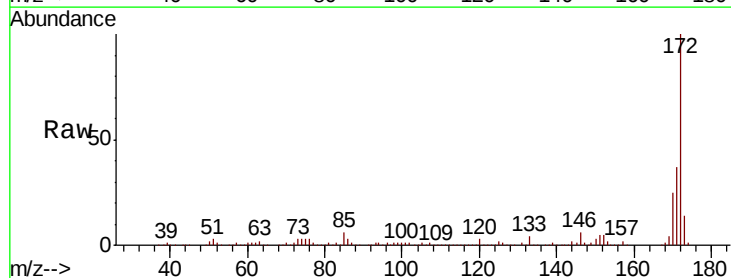


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

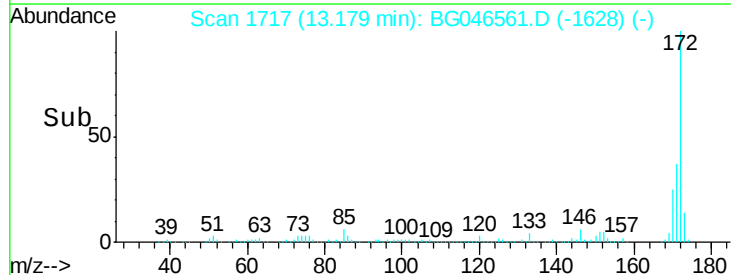
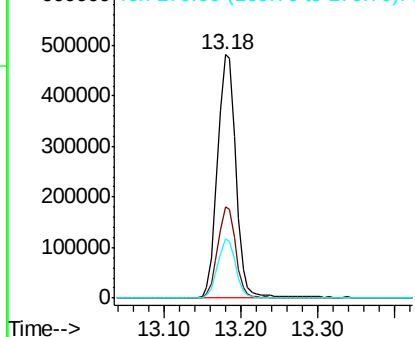


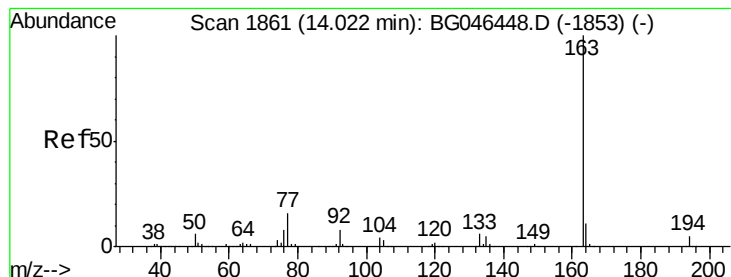
#45
 2-Fluorobiphenyl
 Concen: 62.305 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG046561.D
 Acq: 8 Sep 2020 17:15

Tgt Ion:172 Resp: 803393
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.8 47.6
 170 24.6 20.3 30.5



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: 3.902 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG046561.D

Acq: 8 Sep 2020 17:15

Instrument :

BNA_G

ClientSampleId :

TP-14

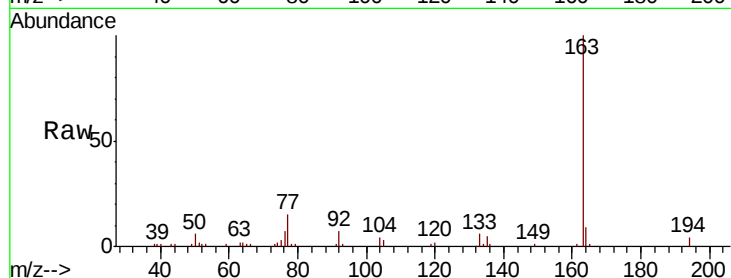
Tot Ion:163 Resp: 59421

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

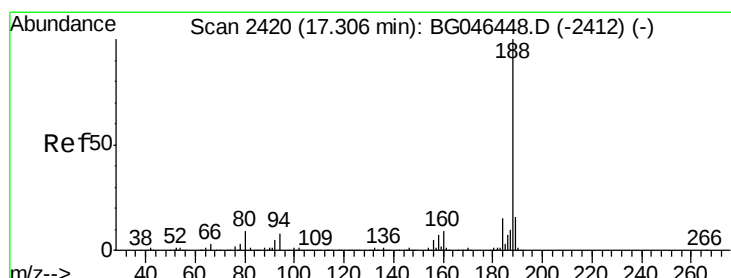
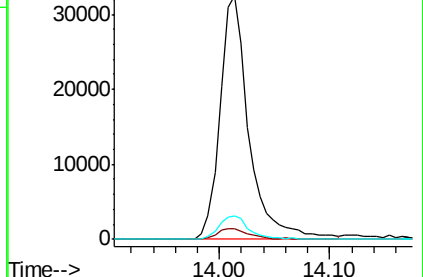
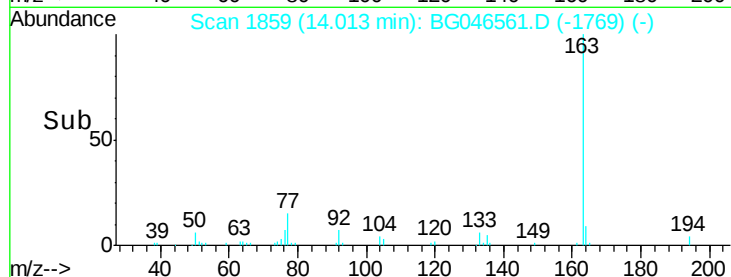
164 9.4 8.6 12.8



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# 2419

Delta R.T. -0.00 min

Lab File: BG046561.D

Acq: 8 Sep 2020 17:15

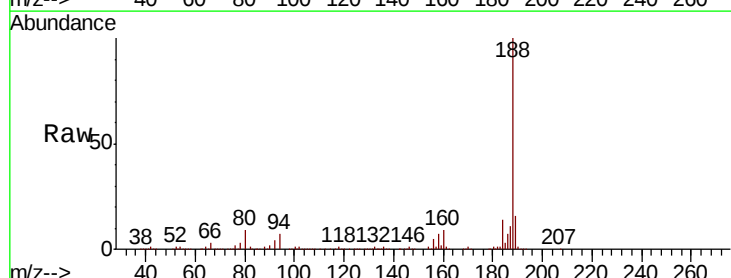
Tgt Ion:188 Resp: 501396

Ion Ratio Lower Upper

188 100

94 7.4 6.3 9.5

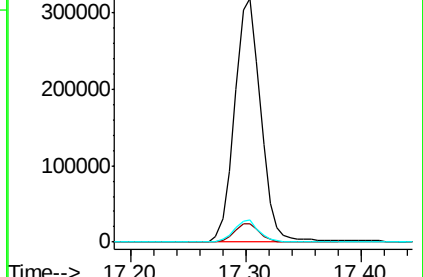
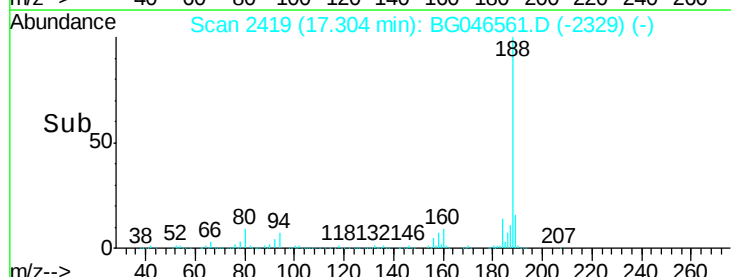
80 8.9 6.9 10.3

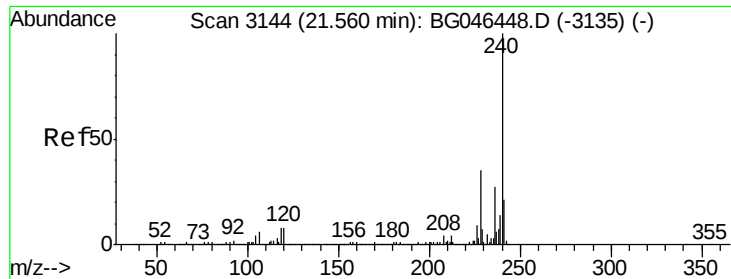


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

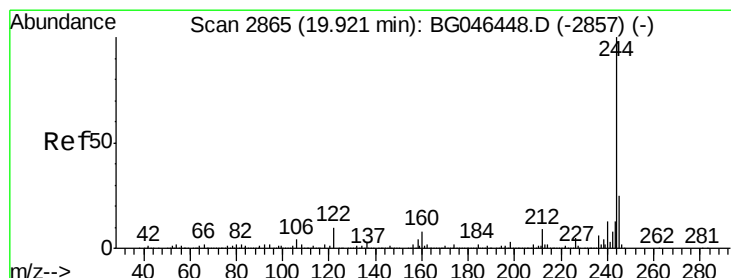
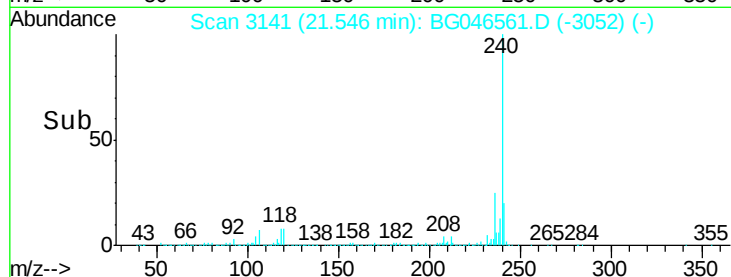
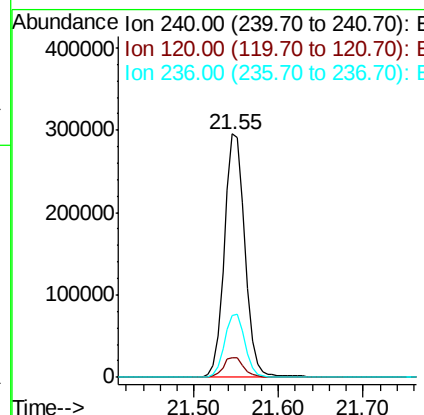
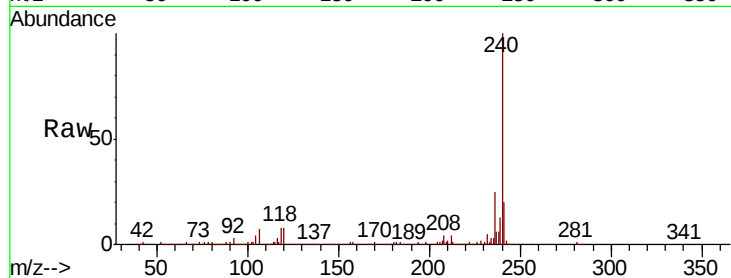




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG046561.D
 Acq: 8 Sep 2020 17:15

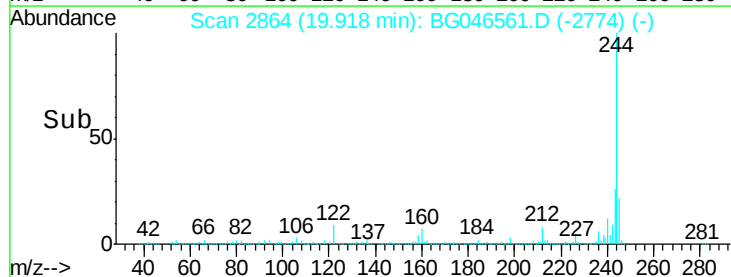
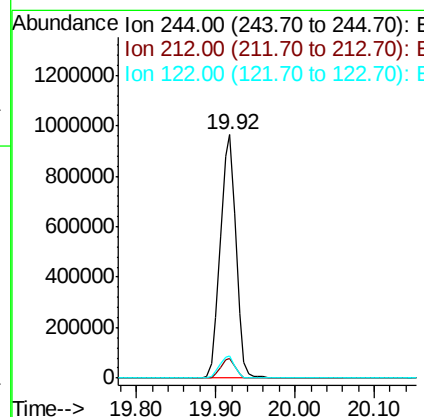
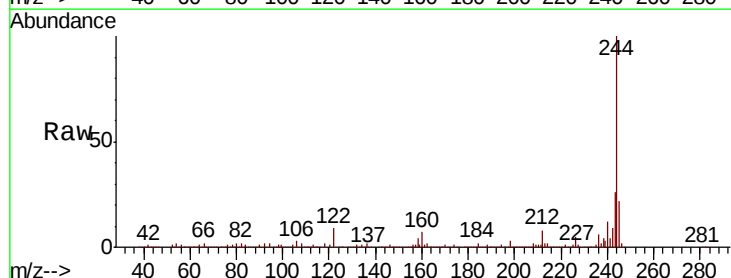
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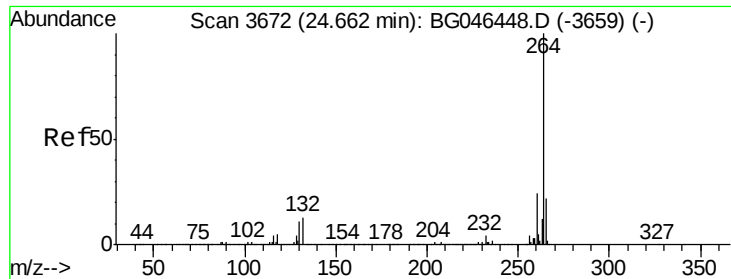
Tot Ion:240 Resp: 503264
 Ion Ratio Lower Upper
 240 100
 120 8.3 6.6 10.0
 236 25.4 21.4 32.2



#79
 Terphenyl-d14
 Concen: 55.775 ng
 RT: 19.92 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BG046561.D
 Acq: 8 Sep 2020 17:15

Tgt Ion:244 Resp: 1318944
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.9 10.3
 122 9.0 8.2 12.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.65 min Scan# 3669
 Delta R.T. -0.01 min
 Lab File: BG046561.D
 Acq: 8 Sep 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-14

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	17.9	26.9

