

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG090920\
 Data File : BG046579.D
 Acq On : 9 Sep 2020 19:18
 Operator : CG/JU
 Sample : L3939-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B41-090820-0-10

Quant Time: Sep 09 19:53:38 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

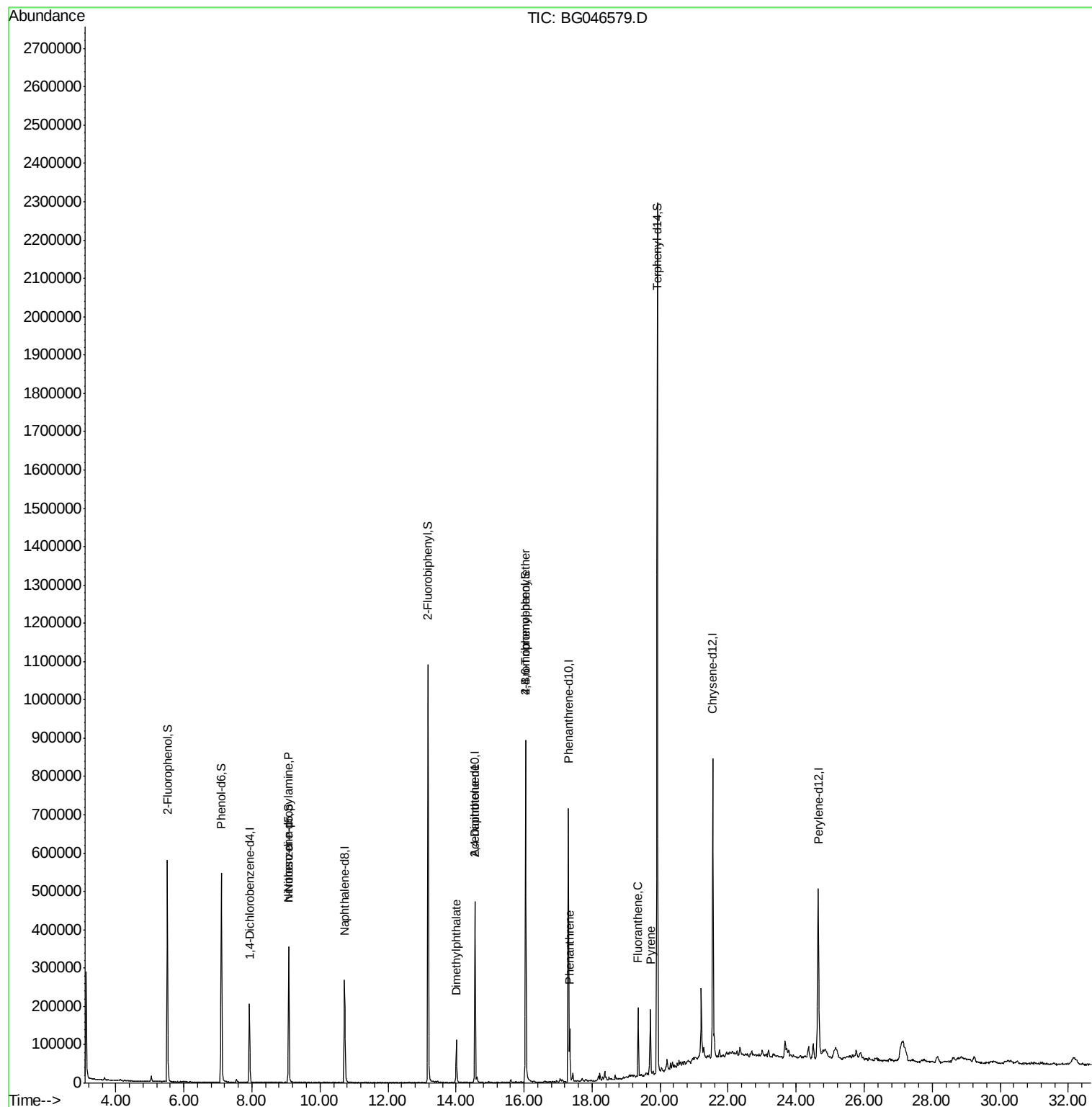
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	64326	20.00	ng	-0.01
21) Naphthalene-d8	10.72	136	257866	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	185417	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	483029	20.00	ng	0.00
76) Chrysene-d12	21.54	240	482298	20.00	ng	-0.01
86) Perylene-d12	24.65	264	474403	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	273963	75.43	ng	0.00
7) Phenol-d6	7.10	99	355739	69.10	ng	0.00
23) Nitrobenzene-d5	9.08	82	233880	51.84	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	193162	76.89	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	629074	51.79	ng	-0.01
79) Terphenyl-d14	19.92	244	1085567	47.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	29529	9.589	ng	# 75
50) Dimethylphthalate	14.01	163	97757	6.815	ng	98
57) 2,4-Dinitrotoluene	14.55	165	24724	5.484	ng	# 33
67) 4-Bromophenyl-phenylether	16.04	248	14411	2.557	ng	# 1
71) Phenanthrene	17.34	178	85881	3.508	ng	96
75) Fluoranthene	19.35	202	108146	3.432	ng	98
78) Pyrene	19.71	202	115045	3.746	ng	94

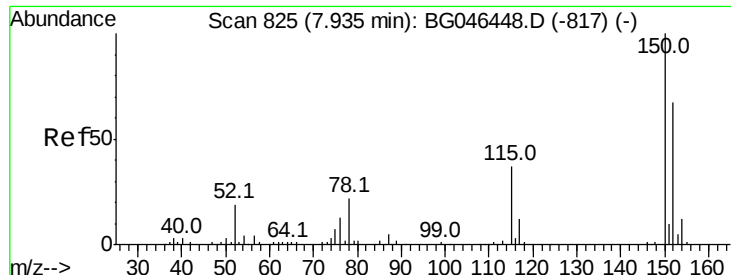
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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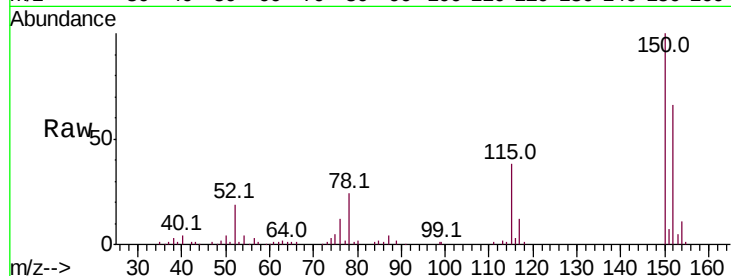


#1

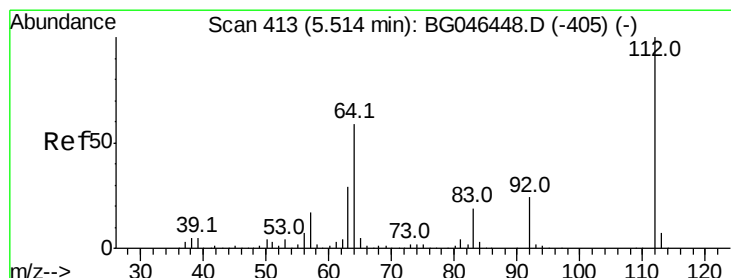
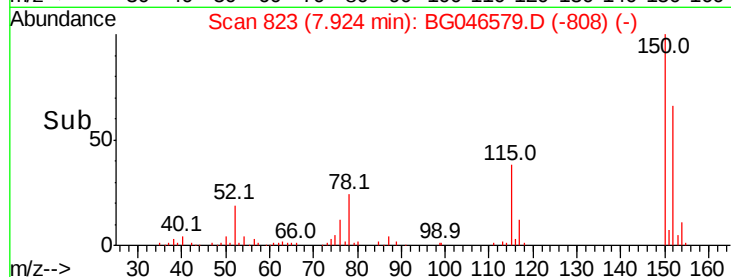
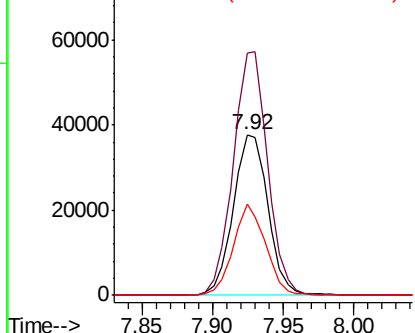
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046579.D
Acq: 9 Sep 2020 19:18

Instrument :
BNA_G
ClientSampleId :
PAV-B41-090820-0-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	119.5	179.3
115	56.5	44.3	66.5



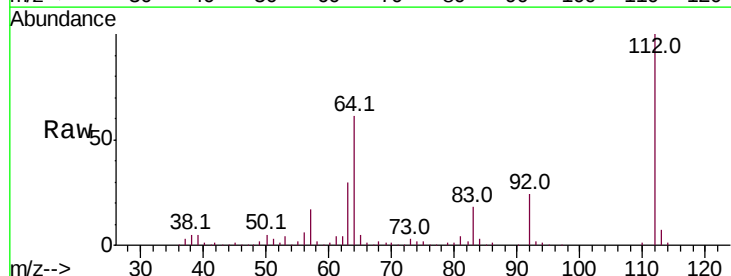
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



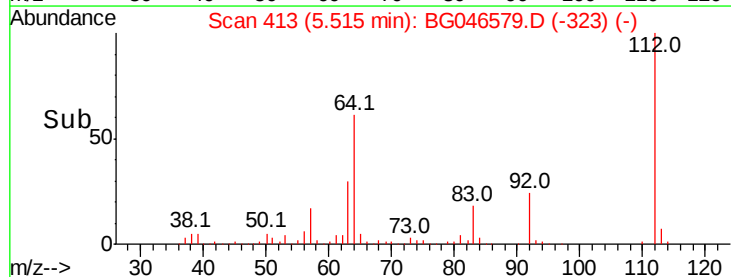
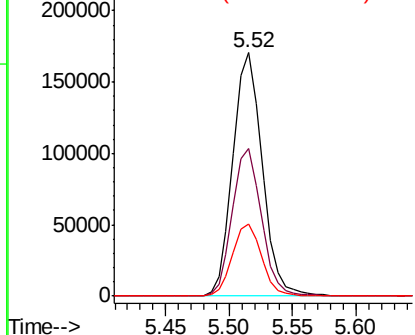
#5

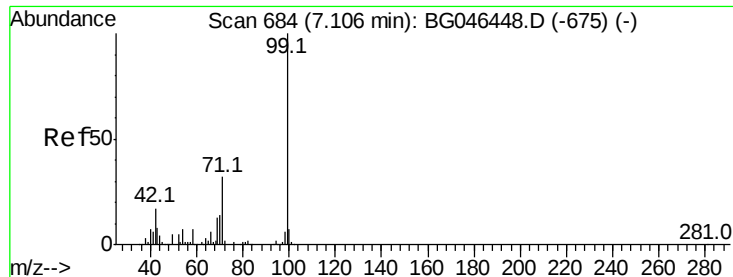
2-Fluorophenol
Concen: 75.434 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046579.D
Acq: 9 Sep 2020 19:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.0	70.6
63	29.8	23.5	35.3



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: 69.096 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046579.D

Acq: 9 Sep 2020 19:18

Instrument :

BNA_G

ClientSampleId :

PAV-B41-090820-0-10

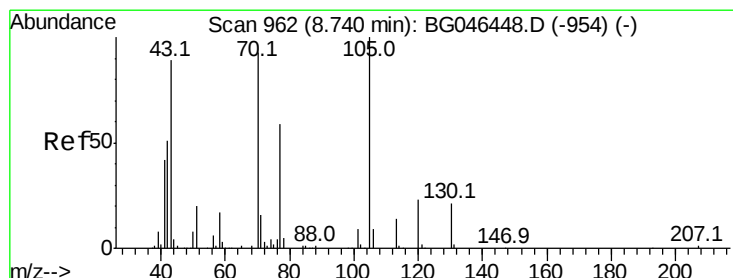
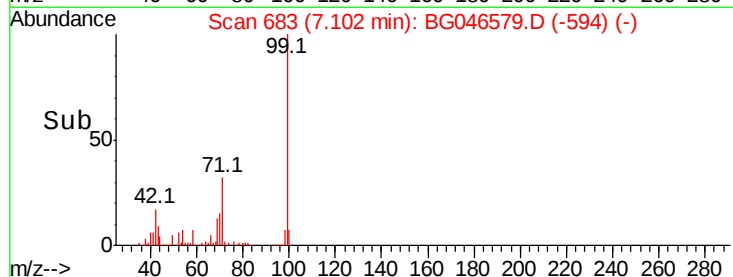
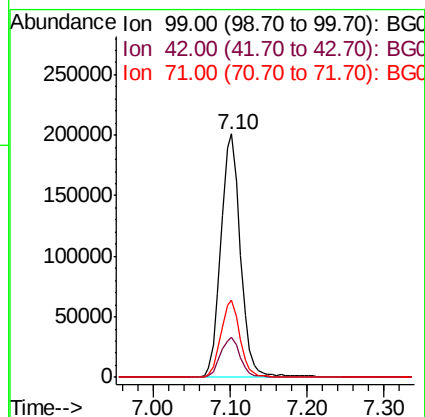
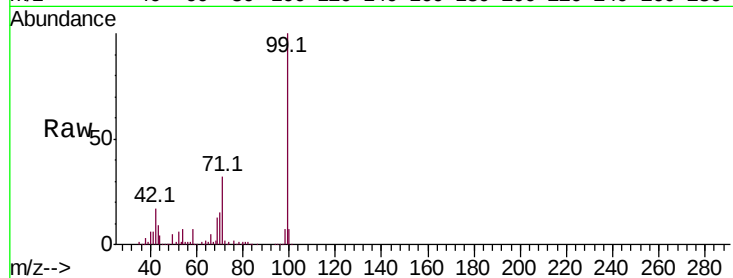
Tot Ion: 99 Resp: 355739

Ion Ratio Lower Upper

99 100

42 16.6 13.3 19.9

71 31.8 25.3 37.9



#19

n-Nitroso-di-n-propylamine

Concen: 9.589 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046579.D

Acq: 9 Sep 2020 19:18

Tgt Ion: 70 Resp: 29529

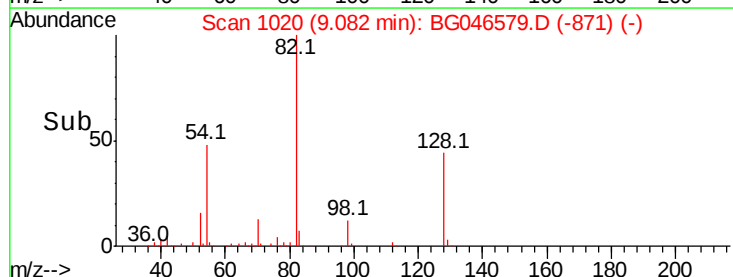
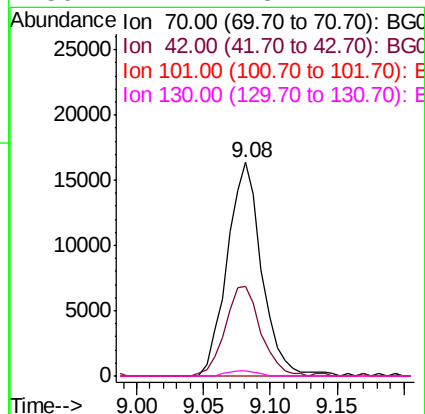
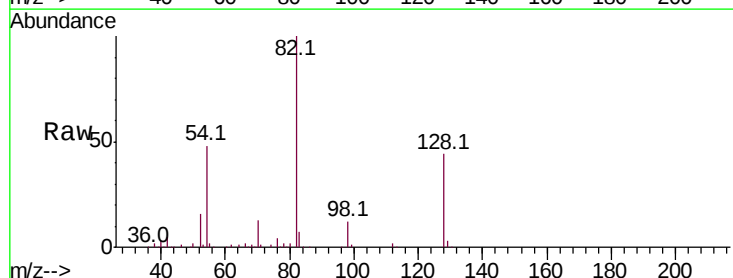
Ion Ratio Lower Upper

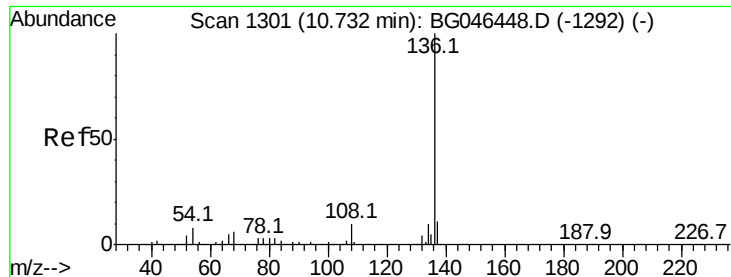
70 100

42 42.3 44.2 66.2#

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

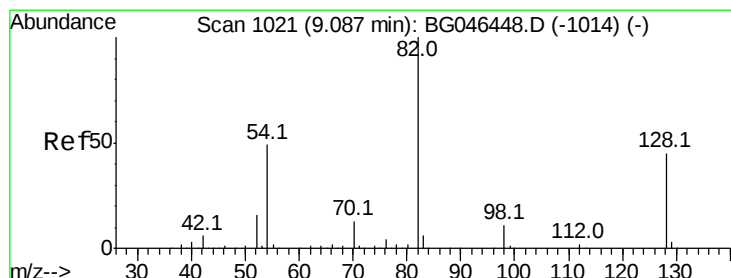
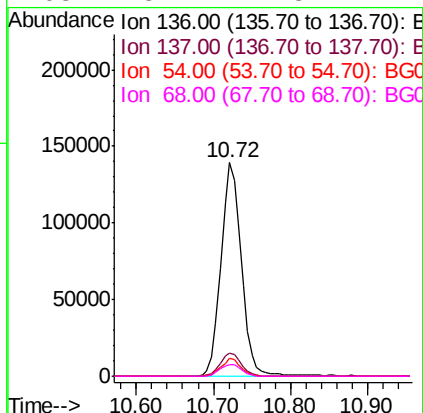
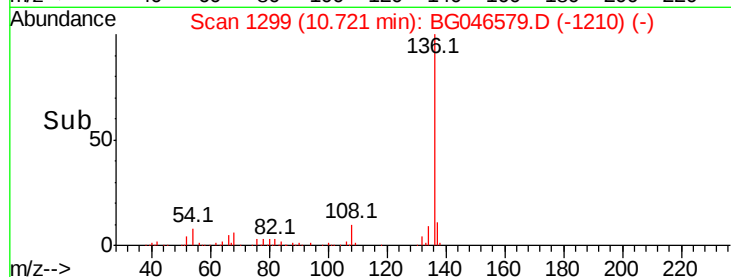
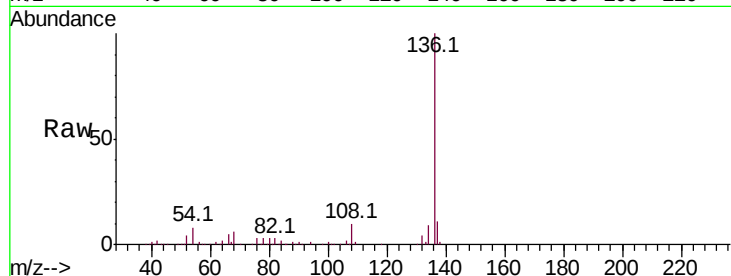




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046579.D
Acq: 9 Sep 2020 19:18

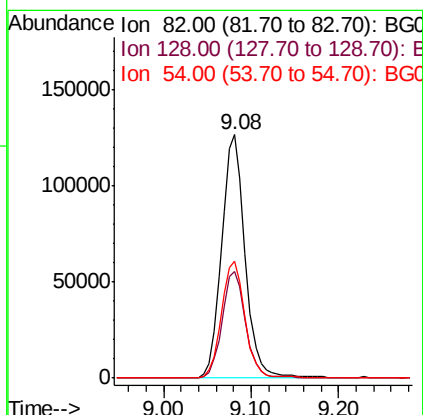
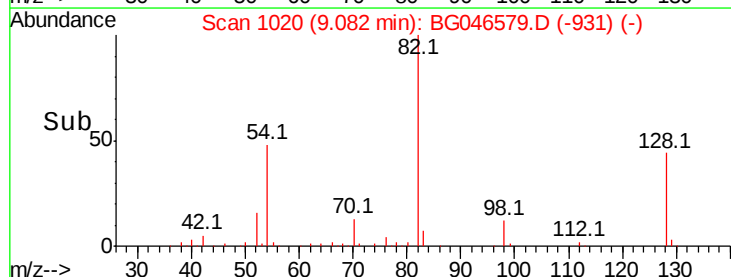
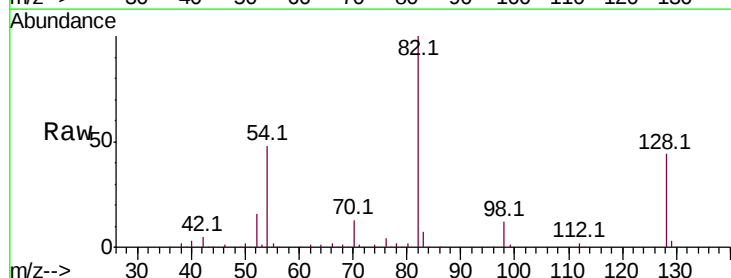
Instrument :
BNA_G
ClientSampleId :
PAV-B41-090820-0-10

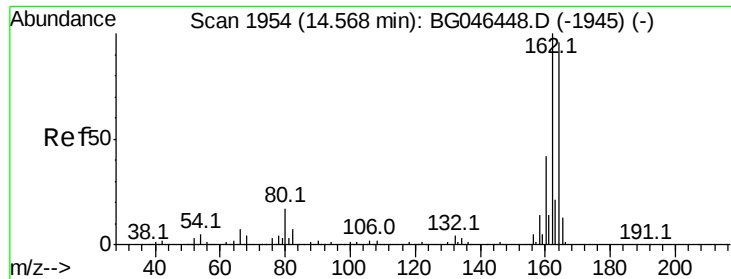
Tot Ion:136	Resp:	257866
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	8.4	6.1 9.1
68	5.7	4.8 7.2



#23
Nitrobenzene-d5
Concen: 51.839 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046579.D
Acq: 9 Sep 2020 19:18

Tgt Ion: 82	Resp:	233880
Ion	Ratio	Lower Upper
82	100	
128	44.0	35.7 53.5
54	48.3	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: BG046579.D

Acq: 9 Sep 2020 19:18

Instrument :

BNA_G

ClientSampleId :

PAV-B41-090820-0-10

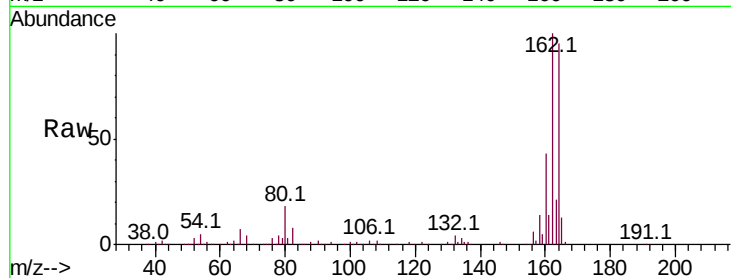
Tot Ion:164 Resp: 185417

Ion Ratio Lower Upper

164 100

162 105.4 83.3 124.9

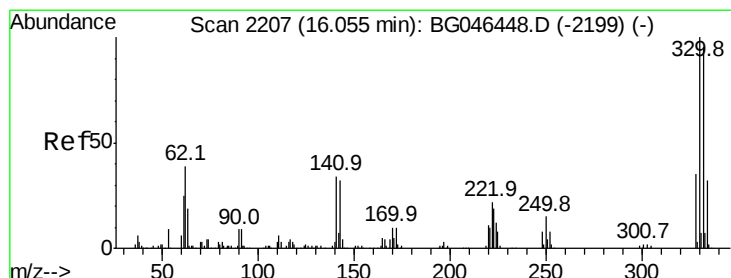
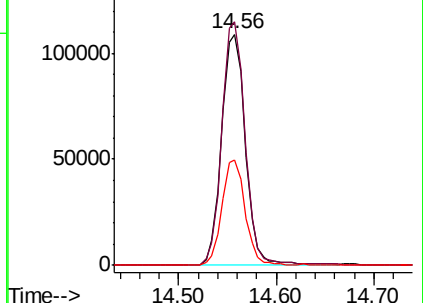
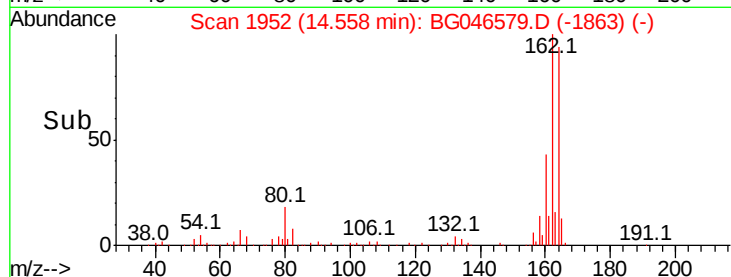
160 45.5 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 76.887 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046579.D

Acq: 9 Sep 2020 19:18

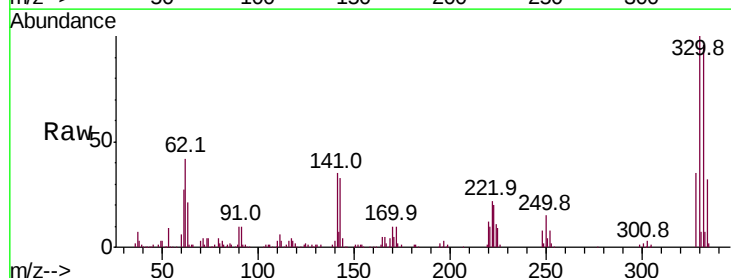
Tgt Ion:330 Resp: 193162

Ion Ratio Lower Upper

330 100

332 97.7 76.1 114.1

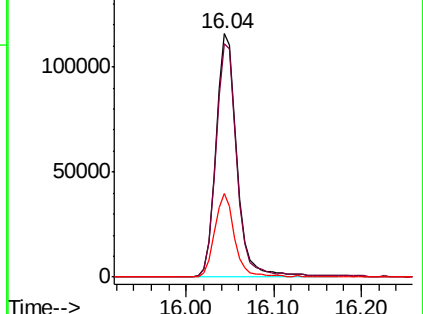
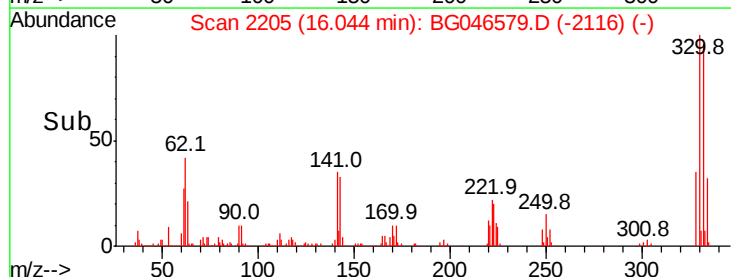
141 32.6 26.1 39.1

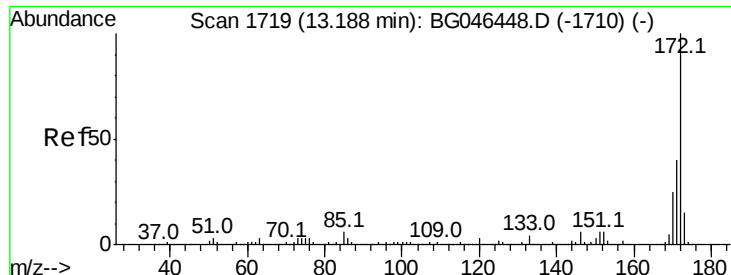


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

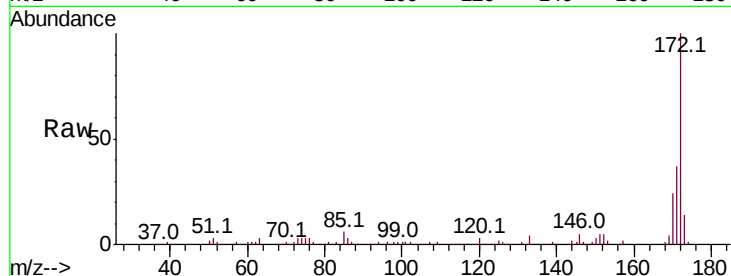




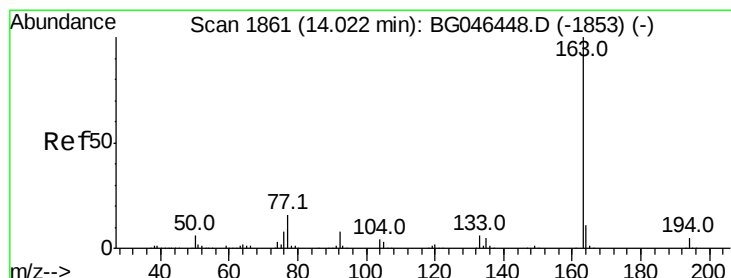
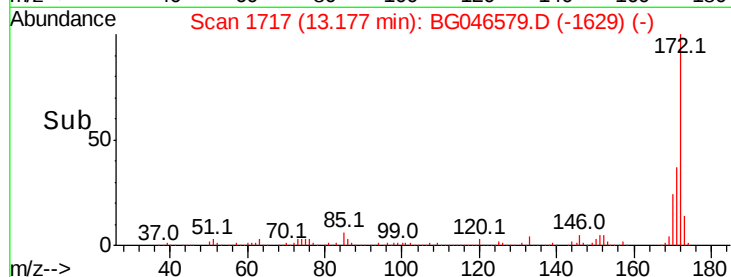
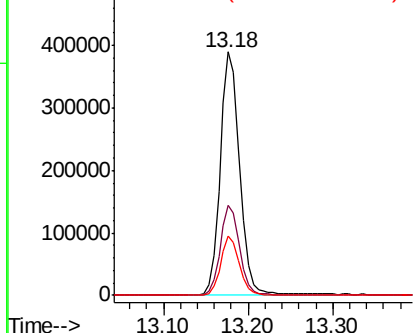
#45
2-Fluorobiphenyl
Concen: 51.792 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046579.D
Acq: 9 Sep 2020 19:18

Instrument :
BNA_G
ClientSampleId :
PAV-B41-090820-0-10

Tot Ion:172 Resp: 629074
Ion Ratio Lower Upper
172 100
171 37.0 31.8 47.6
170 24.4 20.3 30.5

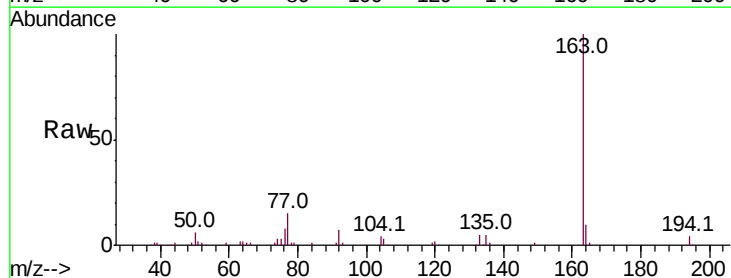


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

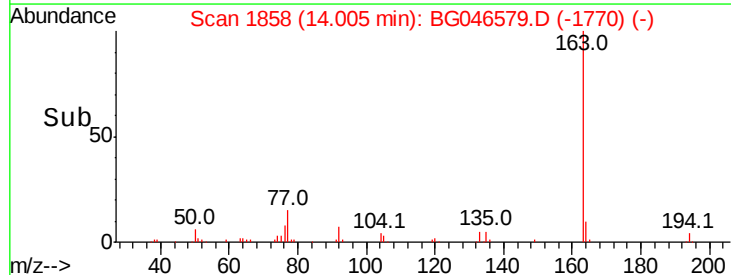
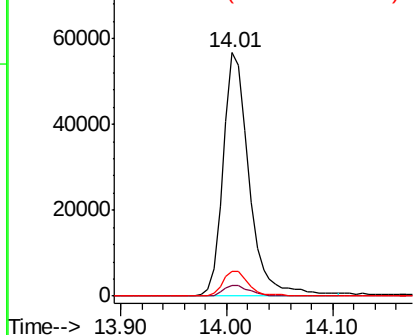


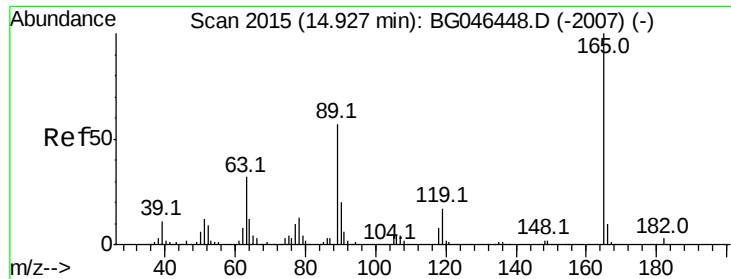
#50
Dimethylphthalate
Concen: 6.815 ng
RT: 14.01 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG046579.D
Acq: 9 Sep 2020 19:18

Tgt Ion:163 Resp: 97757
Ion Ratio Lower Upper
163 100
194 4.4 3.7 5.5
164 9.9 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

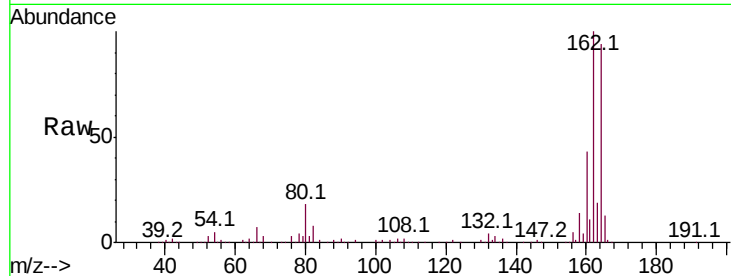




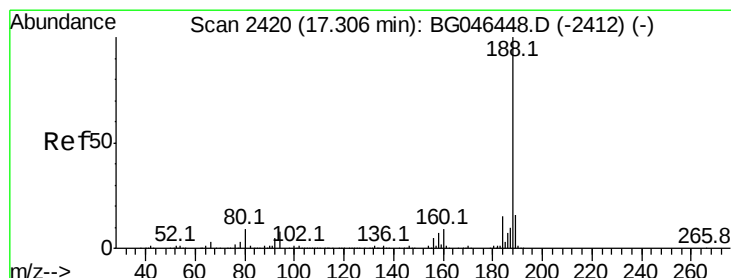
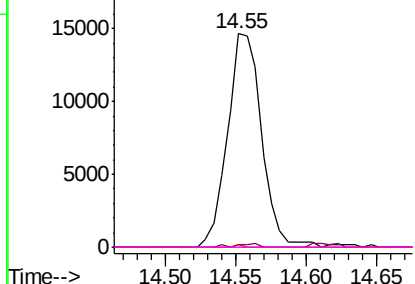
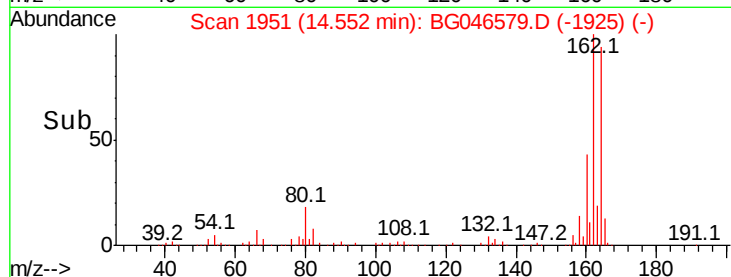
#57
 2,4-Dinitrotoluene
 Concen: 5.484 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.37 min
 Lab File: BG046579.D
 Acq: 9 Sep 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B41-090820-0-10

Tot Ion:165 Resp: 24724
 Ion Ratio Lower Upper
 165 100
 63 1.1 25.4 38.0#
 89 1.0 45.9 68.9#
 182 0.0 2.3 3.5#

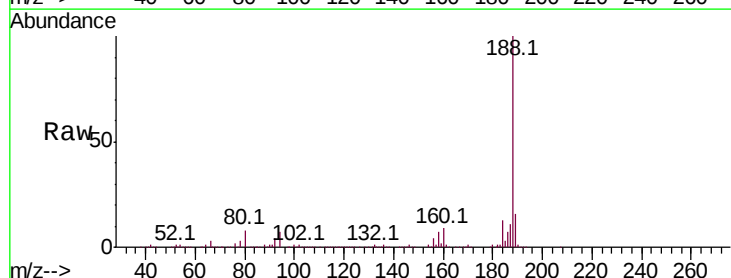


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

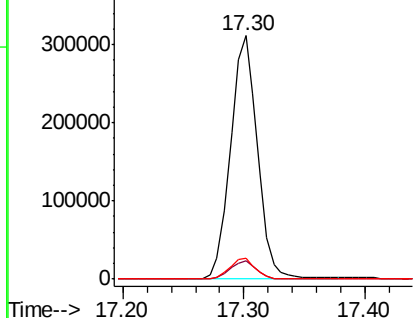
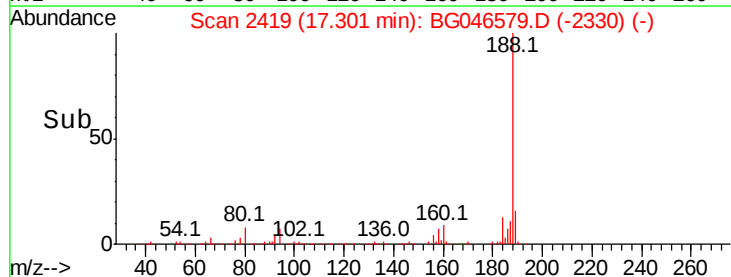


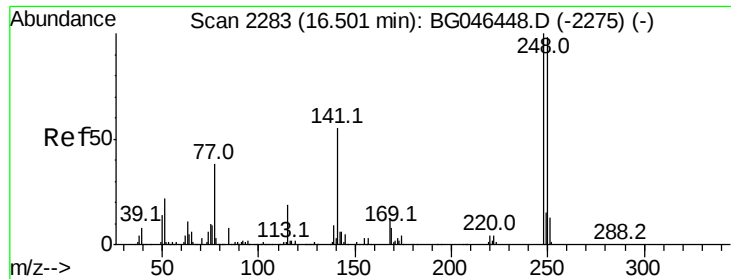
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG046579.D
 Acq: 9 Sep 2020 19:18

Tgt Ion:188 Resp: 483029
 Ion Ratio Lower Upper
 188 100
 94 7.3 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): BGC
 Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 2.557 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.45 min

Lab File: BG046579.D

Acq: 9 Sep 2020 19:18

Instrument :

BNA_G

ClientSampleId :

PAV-B41-090820-0-10

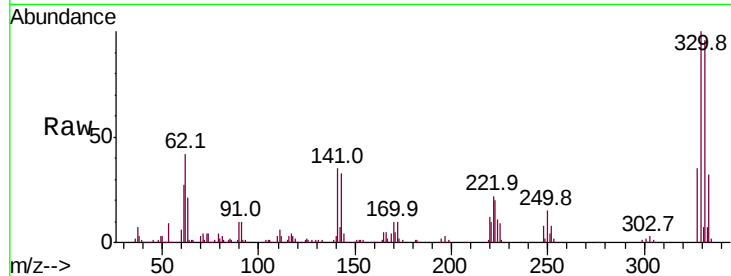
Tot Ion:248 Resp: 14411

Ion Ratio Lower Upper

248 100

250 190.7 78.6 118.0#

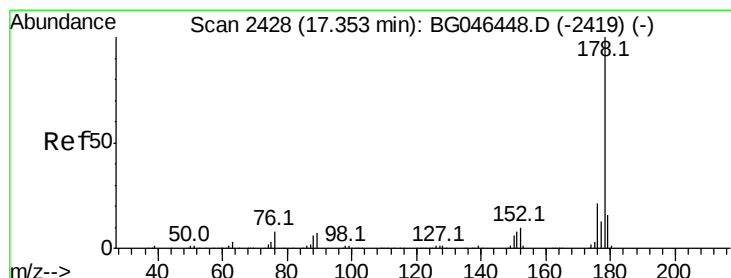
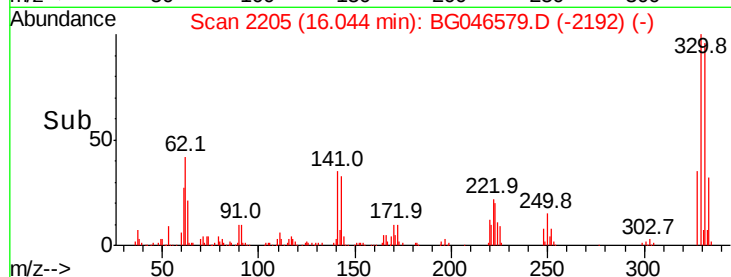
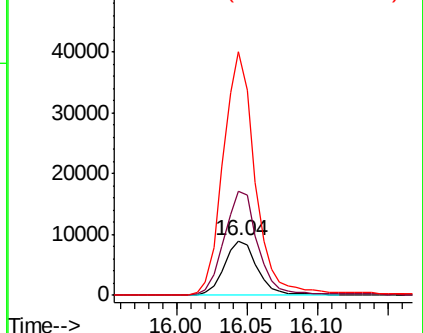
141 445.7 43.9 65.9#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#71

Phenanthrene

Concen: 3.508 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG046579.D

Acq: 9 Sep 2020 19:18

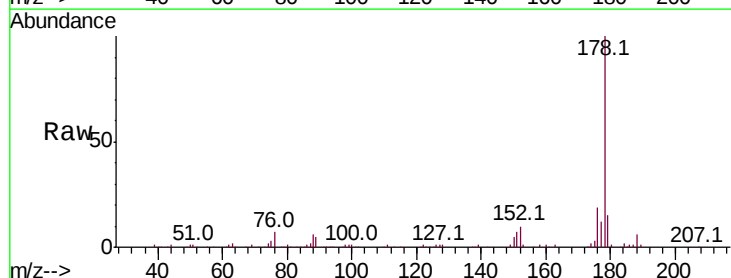
Tgt Ion:178 Resp: 85881

Ion Ratio Lower Upper

178 100

176 19.0 16.8 25.2

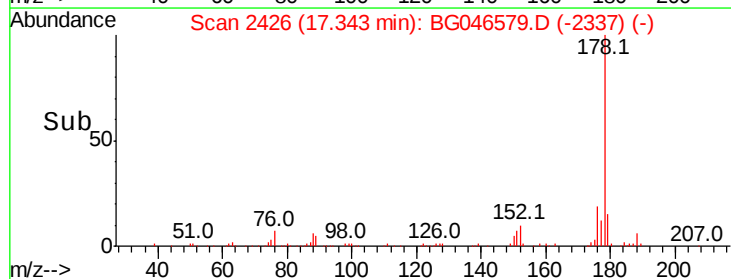
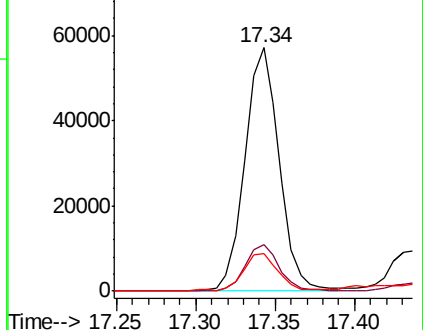
179 15.4 13.2 19.8

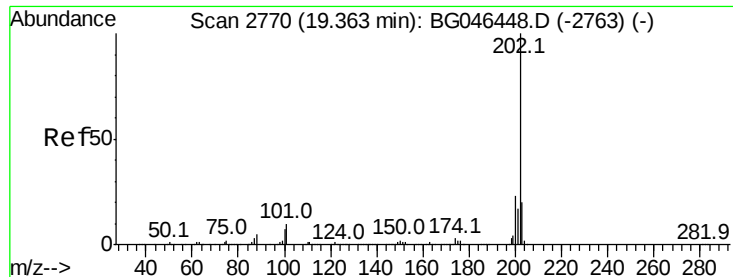


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 3.432 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG046579.D

Acq: 9 Sep 2020 19:18

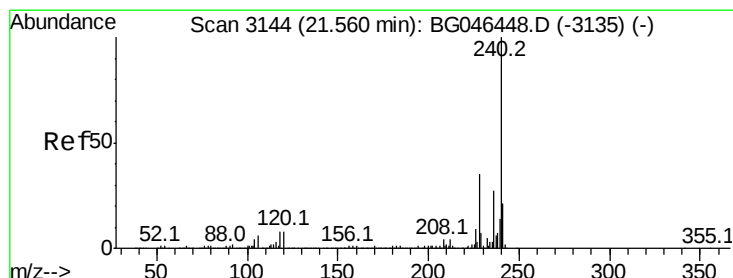
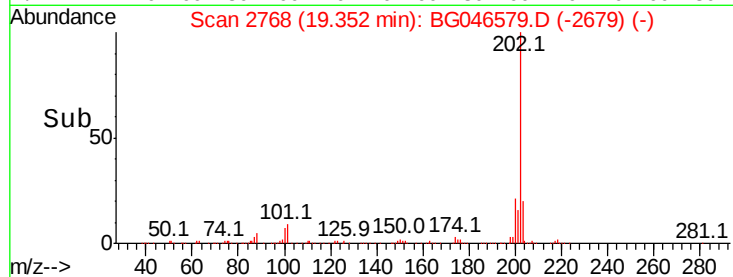
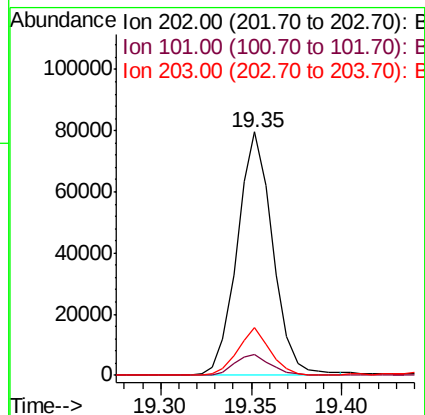
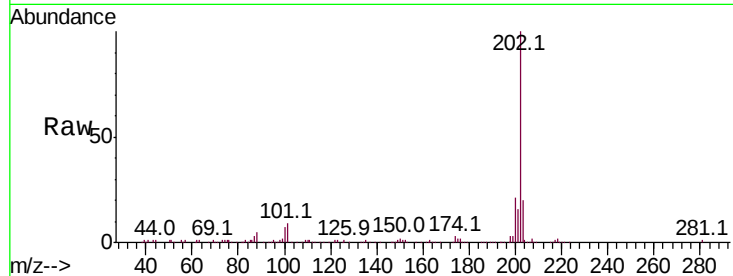
Instrument :

BNA_G

ClientSampleId :

PAV-B41-090820-0-10

Tot Ion:	202	Resp:	108146
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	29.9
203	19.7	0.0	40.0



#76

Chrysene-d12

Concen: 20.000 ng

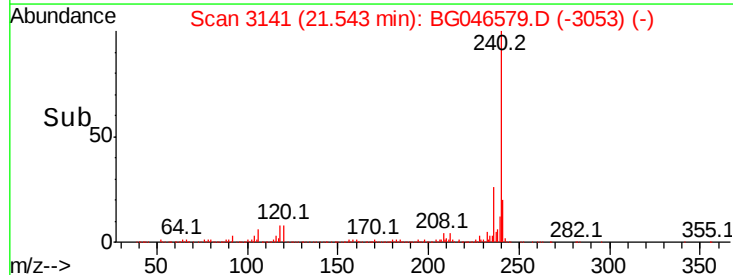
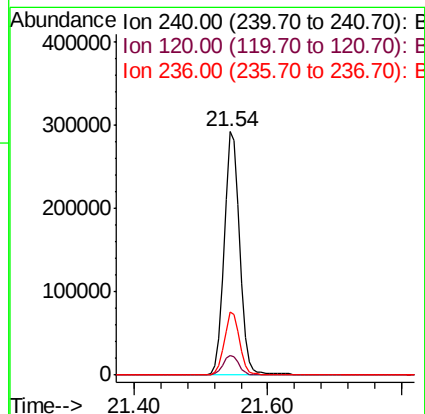
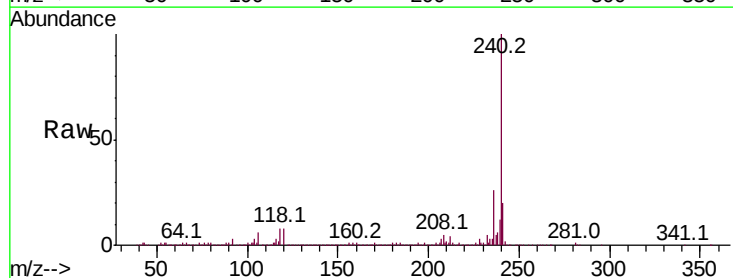
RT: 21.54 min Scan# 3141

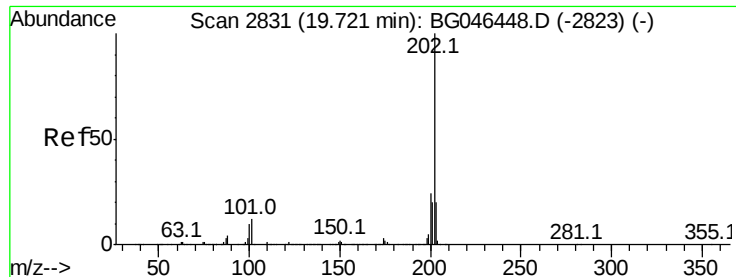
Delta R.T. -0.01 min

Lab File: BG046579.D

Acq: 9 Sep 2020 19:18

Tgt Ion:	240	Resp:	482298
Ion Ratio	Lower	Upper	
240	100		
120	8.3	6.6	10.0
236	26.0	21.4	32.2





#78

Pvrene

Concen: 3.746 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG046579.D

Acq: 9 Sep 2020 19:18

Instrument :

BNA_G

ClientSampleId :

PAV-B41-090820-0-10

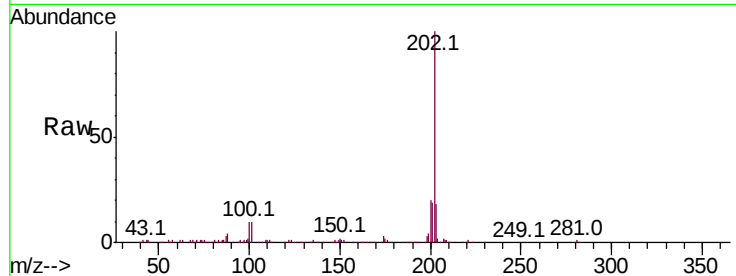
Tot Ion:202 Resp: 115045

Ion Ratio Lower Upper

202 100

200 20.1 18.9 28.3

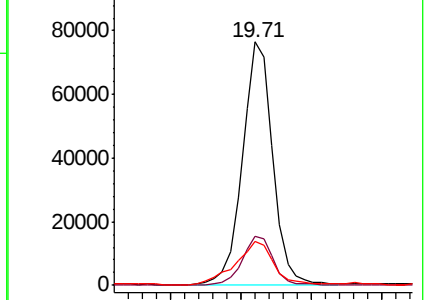
203 18.2 16.1 24.1



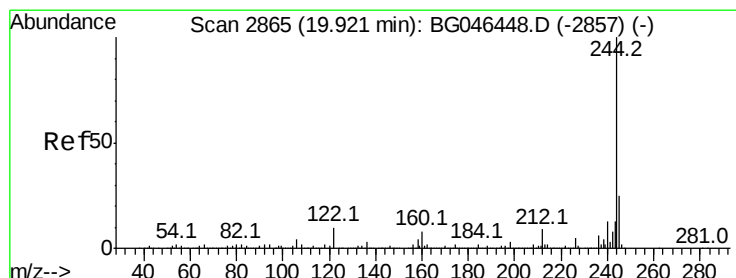
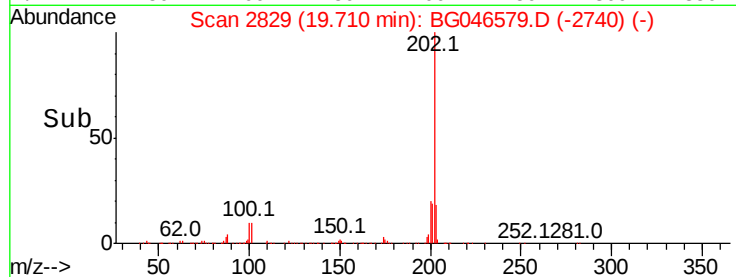
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 47.902 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046579.D

Acq: 9 Sep 2020 19:18

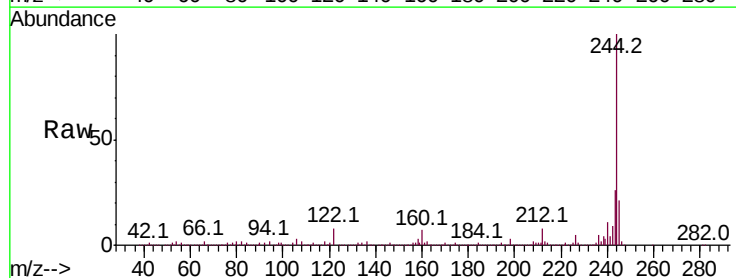
Tgt Ion:244 Resp: 1085567

Ion Ratio Lower Upper

244 100

212 7.7 6.9 10.3

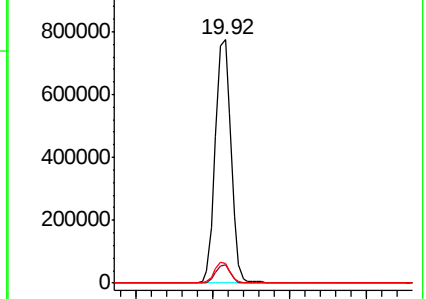
122 8.3 8.2 12.4



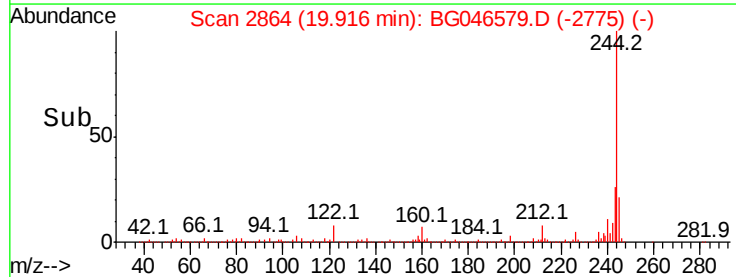
Abundance Ion 244.00 (243.70 to 244.70): E

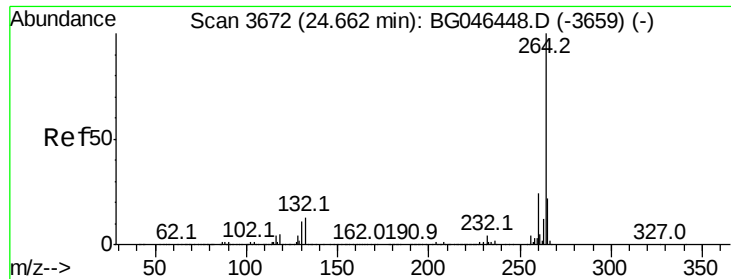
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG046579.D
Acq: 9 Sep 2020 19:18

Instrument :
BNA_G
ClientSampleId :
PAV-B41-090820-0-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.0	17.9	26.9

