

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 19:54:23 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

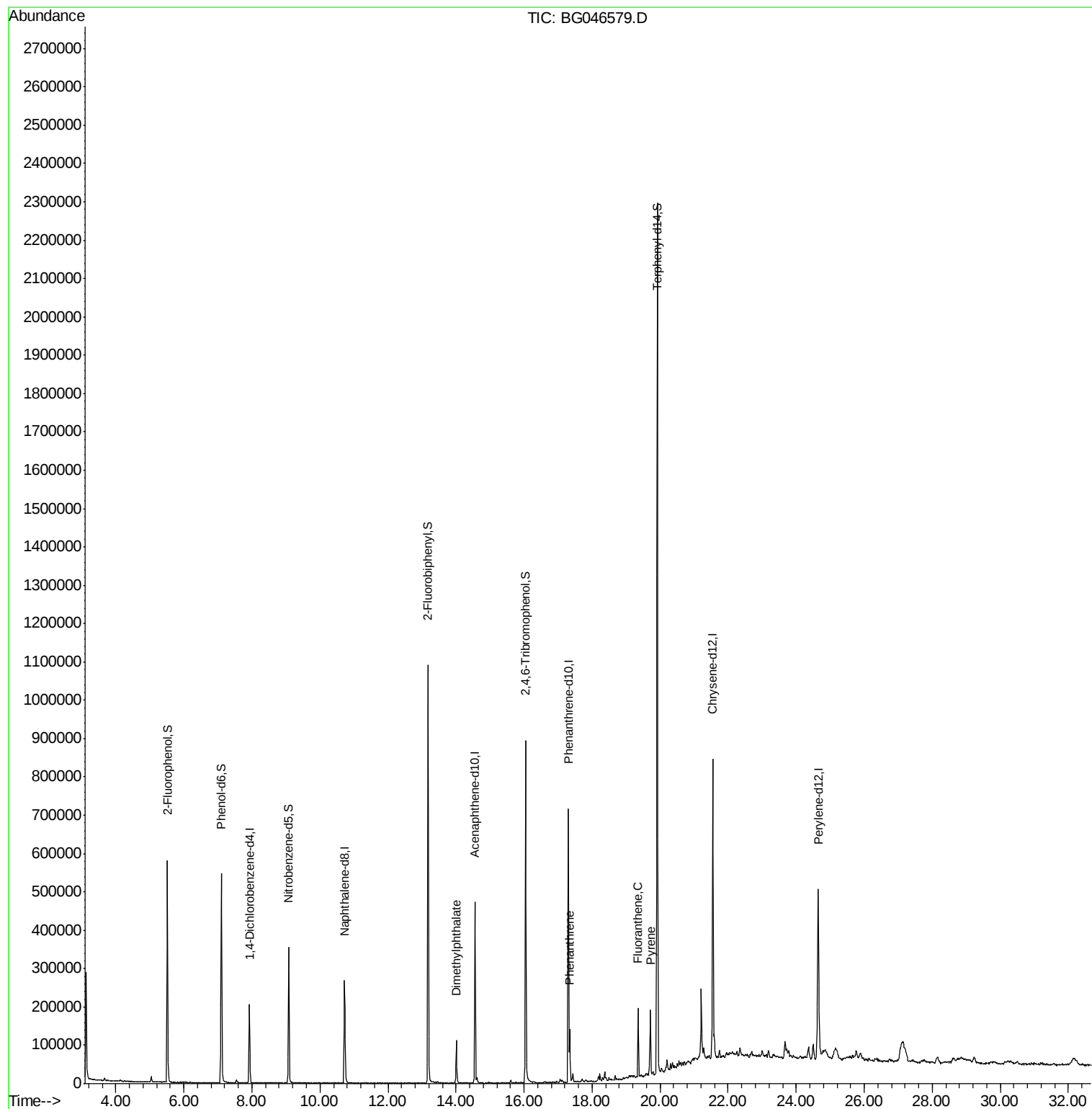
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	64326	20.00	ng	-0.01
21) Naphthalene-d8	10.72	136	257866	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	185417	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	483029	20.00	ng	0.00
76) Chrysene-d12	21.54	240	482298	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						
50) Dimethylphthalate	14.01	163	97757	6.815	ng	98
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

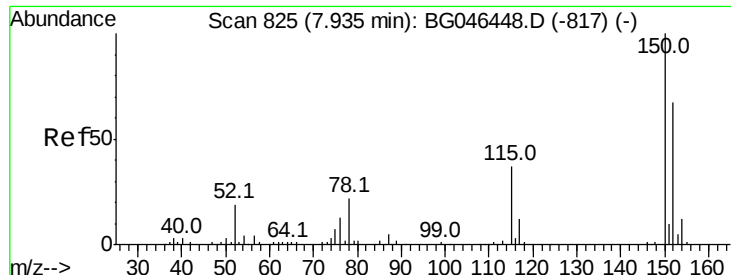
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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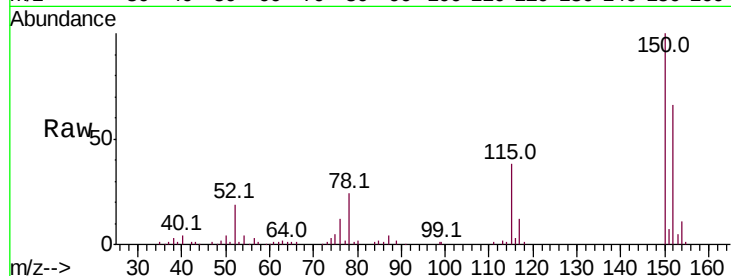


#1

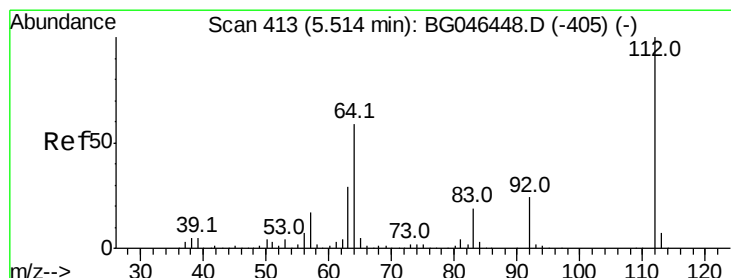
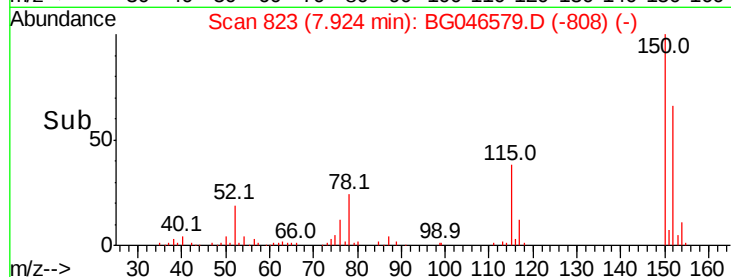
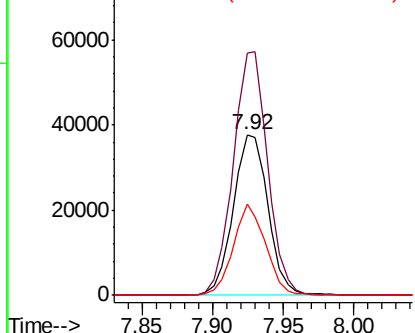
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046579.D
Acq: 9 Sep 2020 19:18

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

Tot Ion:152 Resp: 64326
Ion Ratio Lower Upper
152 100
150 150.6 119.5 179.3
115 56.5 44.3 66.5



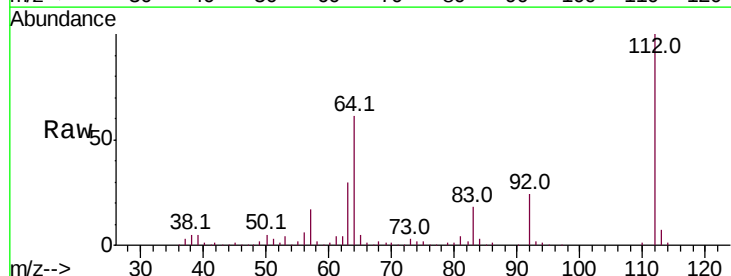
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



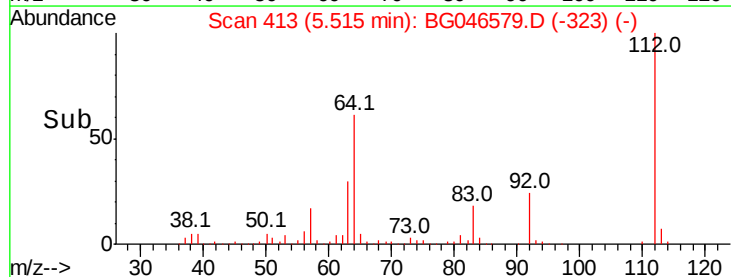
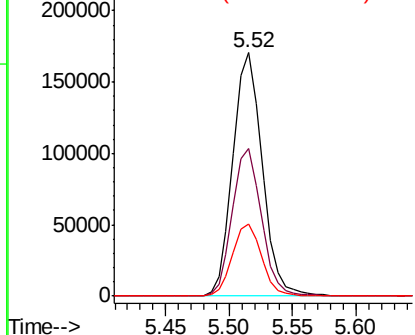
#5

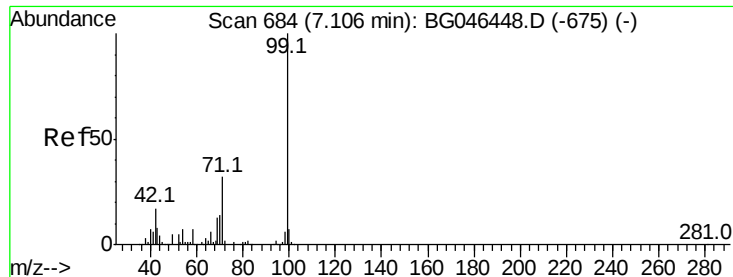
2-Fluorophenol
Concen: 75.434 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046579.D
Acq: 9 Sep 2020 19:18

Tgt Ion:112 Resp: 273963
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

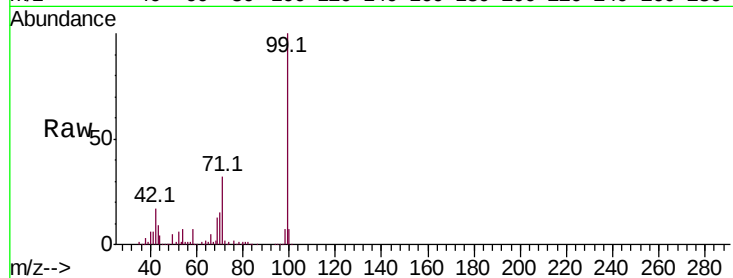
Tot Ion: 99 Resp: 355739

Ion Ratio Lower Upper

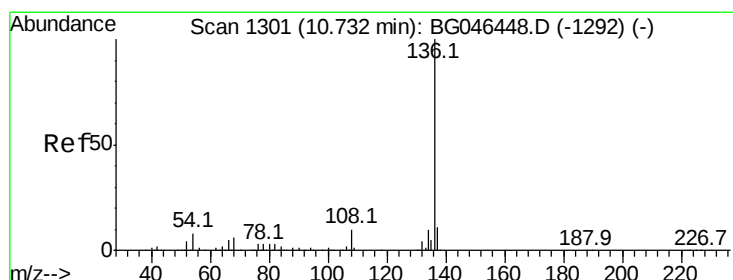
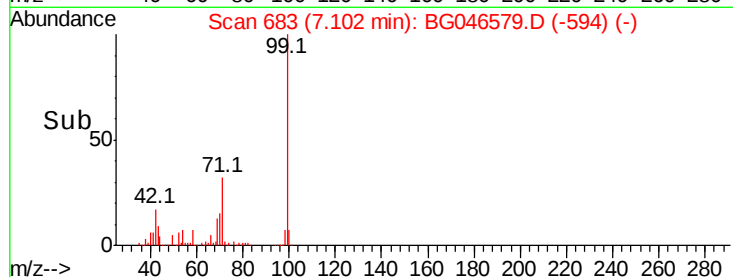
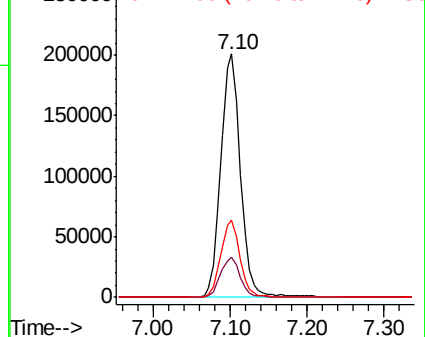
99 100

42 16.6 13.3 19.9

71 31.8 25.3 37.9



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: BG046579.D

Acq: 9 Sep 2020 19:18

Tgt Ion: 136 Resp: 257866

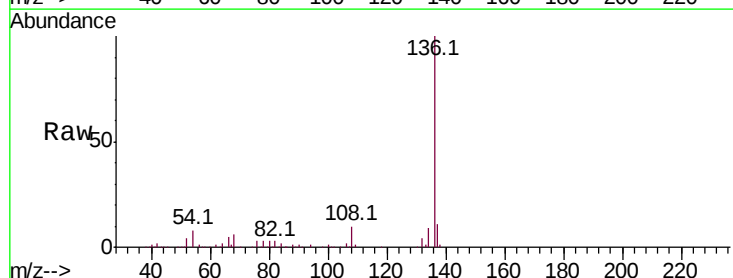
Ion Ratio Lower Upper

136 100

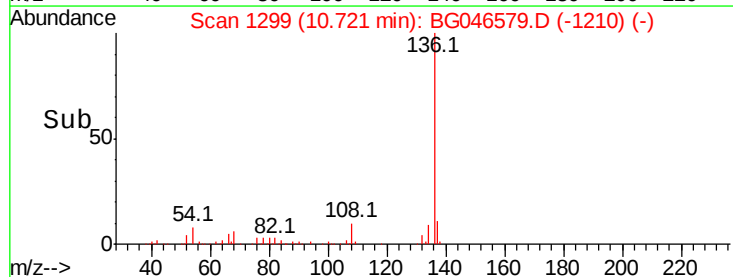
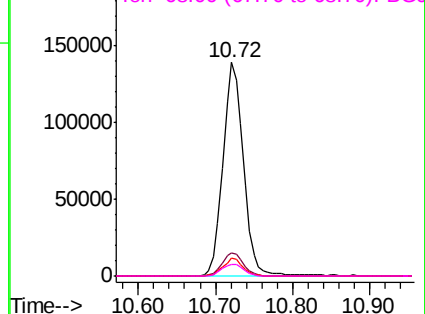
137 11.1 8.8 13.2

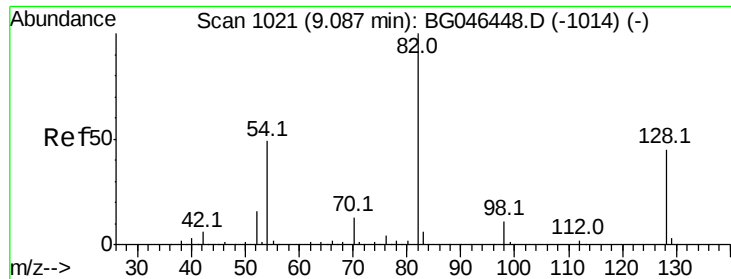
54 8.4 6.1 9.1

68 5.7 4.8 7.2



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

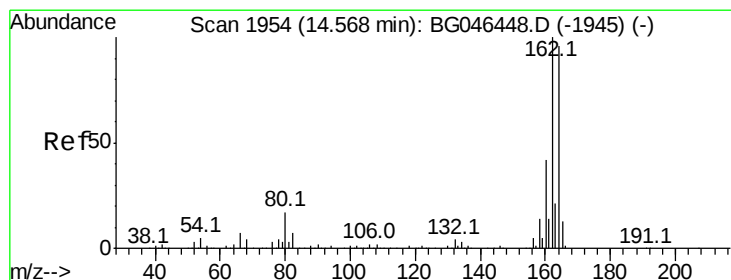
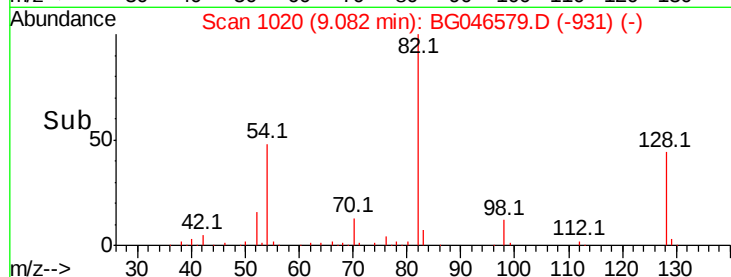
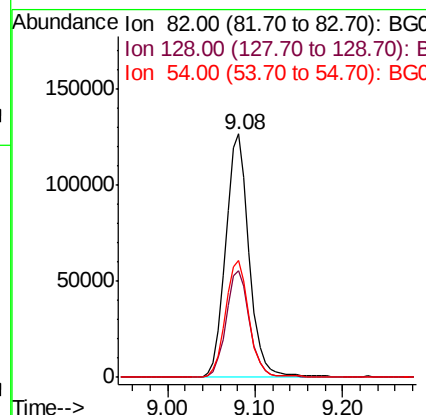
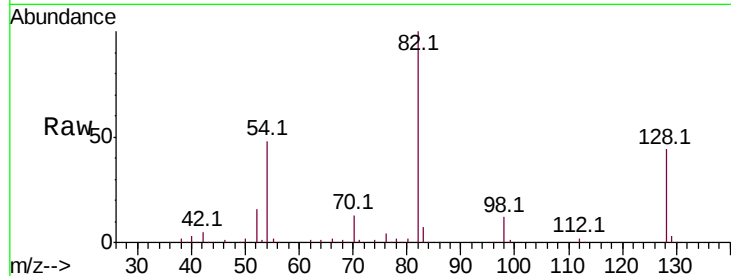




#23
 Nitrobenzene-d5
 Concen: 51.839 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046579.D
 Acq: 9 Sep 2020 19:18

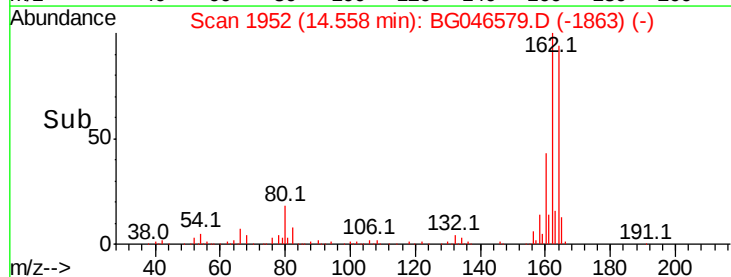
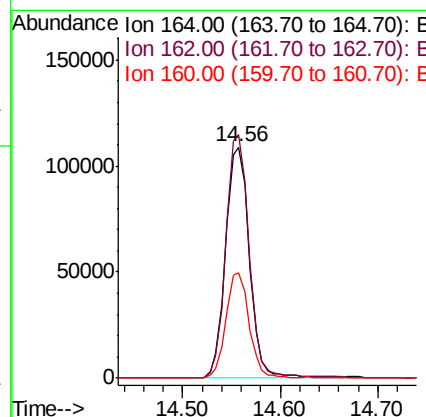
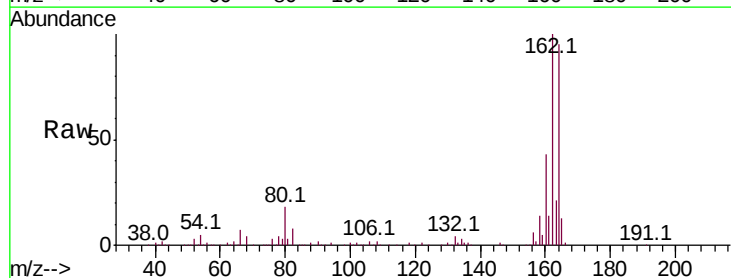
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B41-090820-0-10

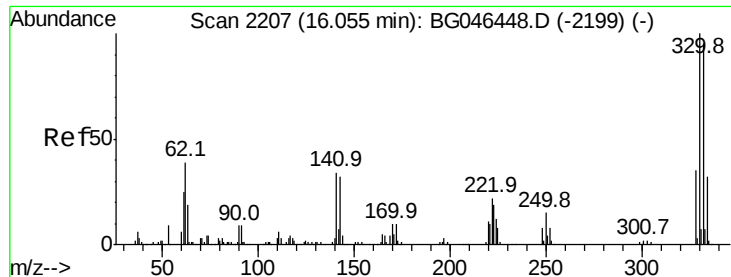
Tot Ion	82	Resp	233880
Ion Ratio	Lower	Upper	
82	100		
128	44.0	35.7	53.5
54	48.3	39.4	59.0



#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

Tgt Ion	164	Resp	185417
Ion Ratio	Lower	Upper	
164	100		
162	105.4	83.3	124.9
160	45.5	35.0	52.6

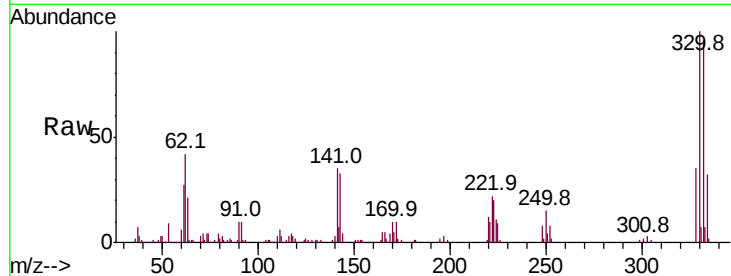




#42
 2,4,6-Tribromophenol
 Concen: 76.887 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG046579.D
 Acq: 9 Sep 2020 19:18

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.1	114.1
141	32.6	26.1	39.1

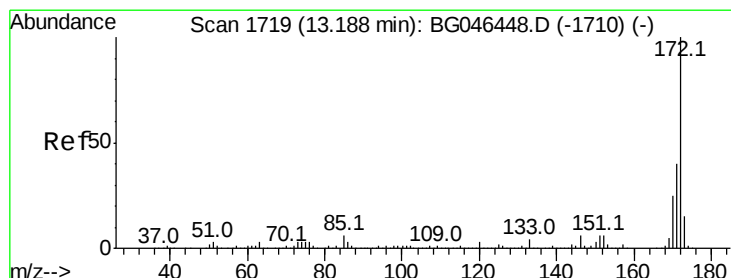
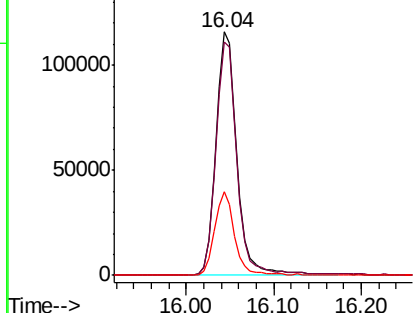
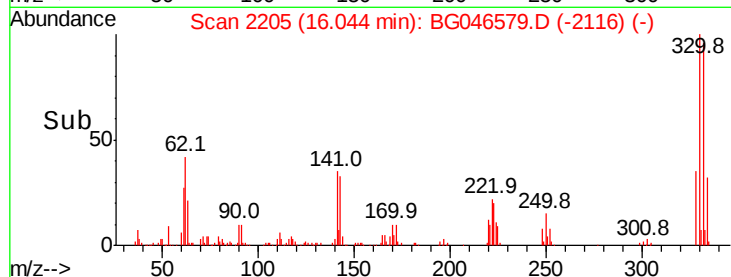


Abundance

Ion 329.80 (329.50 to 330.50): E

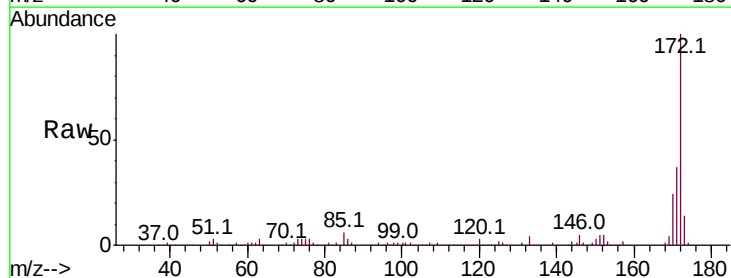
Ion 331.80 (331.50 to 332.50): E

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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.8	47.6
170	24.4	20.3	30.5

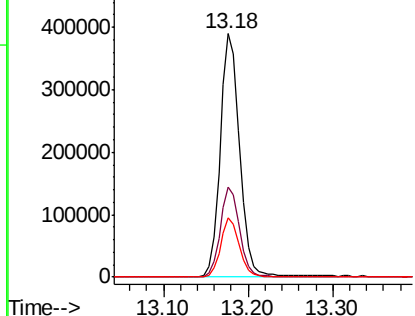
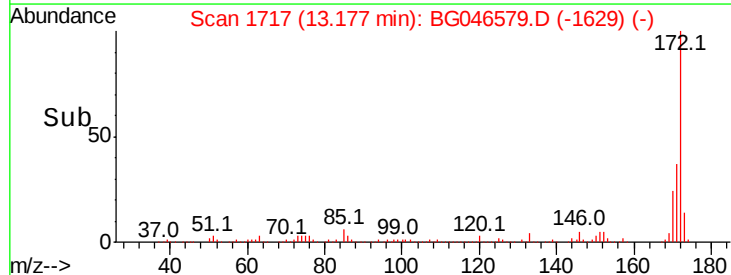


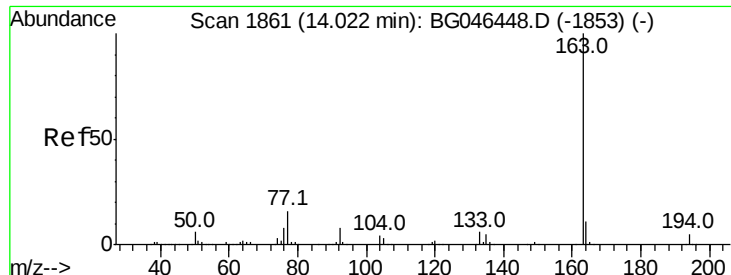
Abundance

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

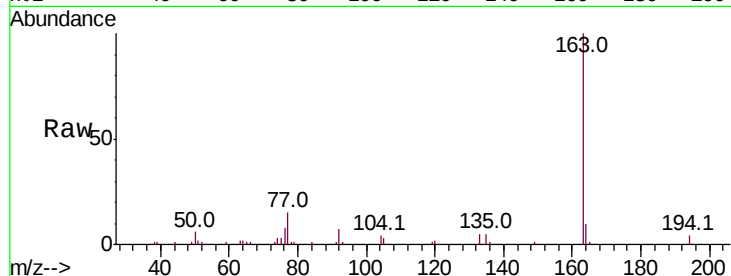




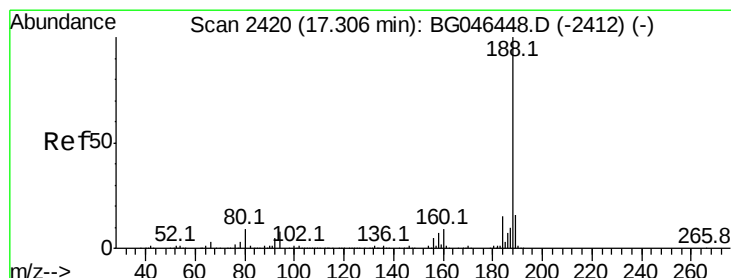
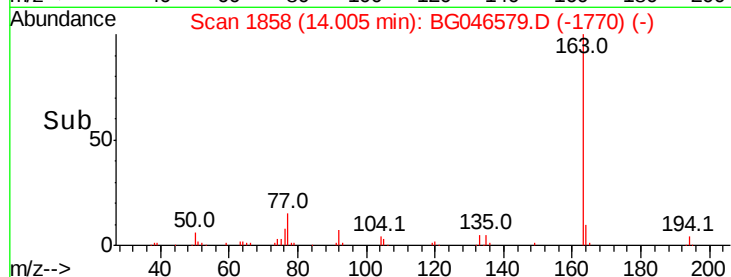
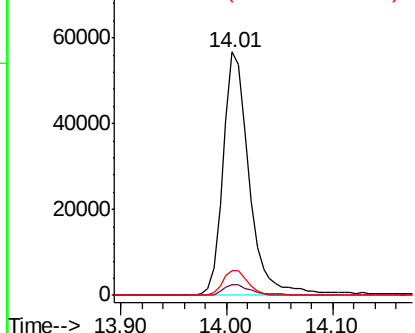
#50
Dimethylphthalate
Concen: 6.815 ng
RT: 14.01 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG046579.D
Acq: 9 Sep 2020 19:18

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

Tot Ion:163 Resp: 97757
Ion Ratio Lower Upper
163 100
194 4.4 3.7 5.5
164 9.9 8.6 12.8

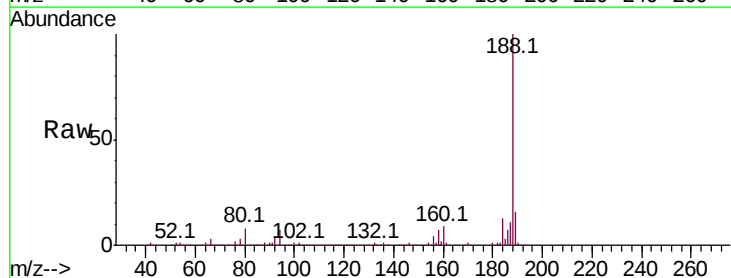


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

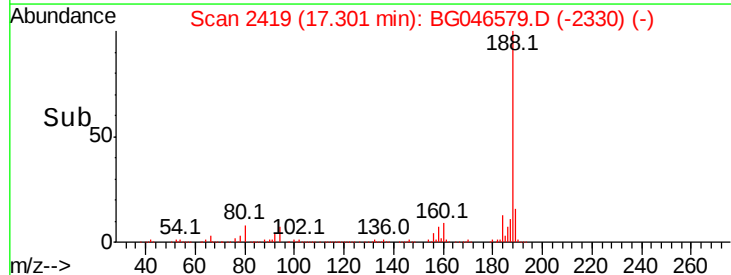
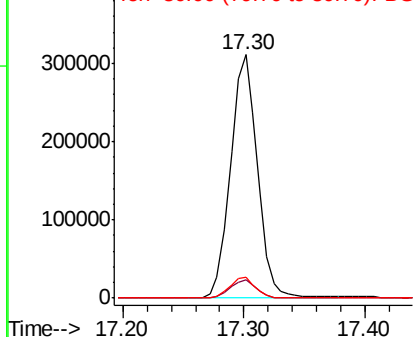


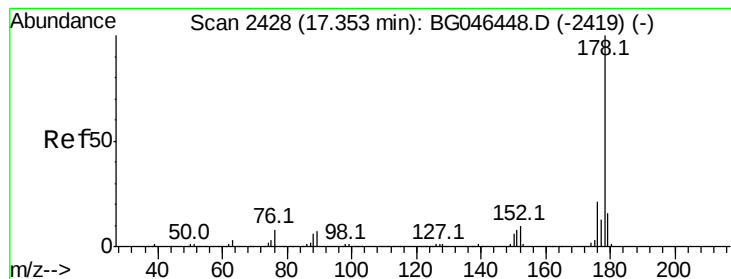
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046579.D
Acq: 9 Sep 2020 19:18

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





#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

Instrument :

BNA_G

ClientSampleId :

PAV-B41-090820-0-10

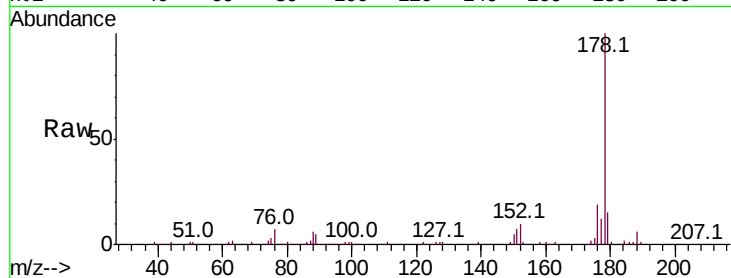
Tot Ion:178 Resp: 85881

Ion Ratio Lower Upper

178 100

176 19.0 16.8 25.2

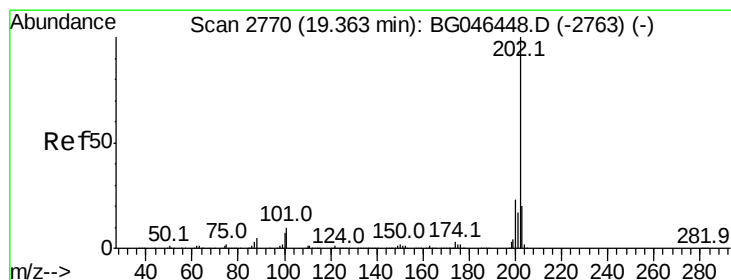
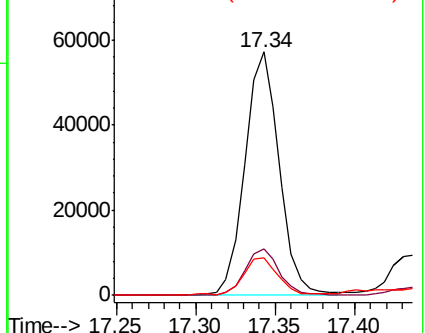
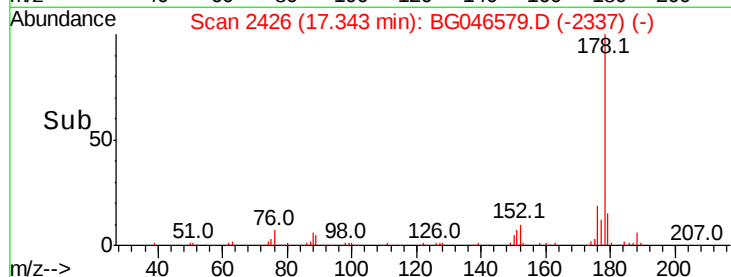
179 15.4 13.2 19.8



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

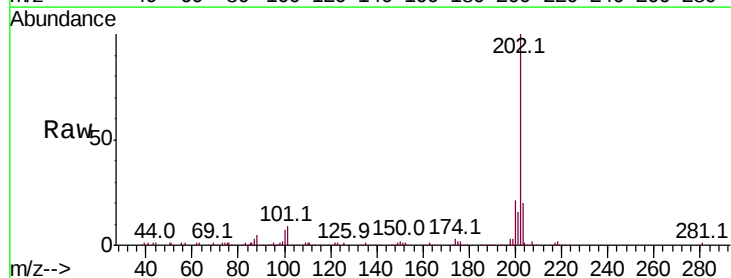
Tgt Ion:202 Resp: 108146

Ion Ratio Lower Upper

202 100

101 8.5 0.0 29.9

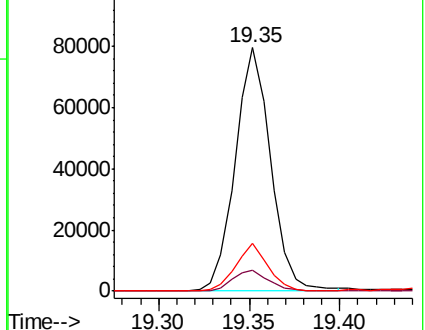
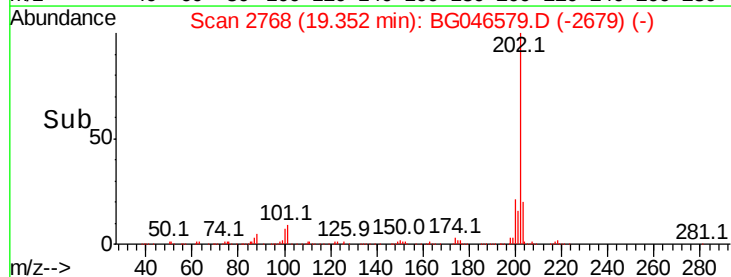
203 19.7 0.0 40.0

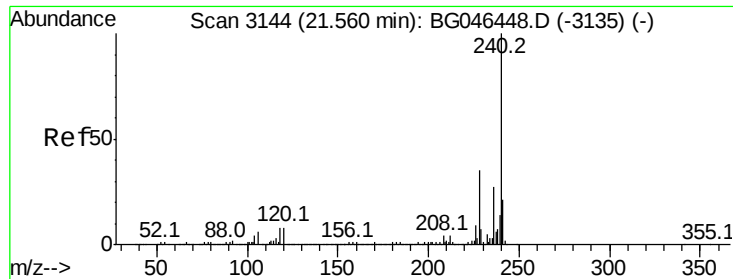


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

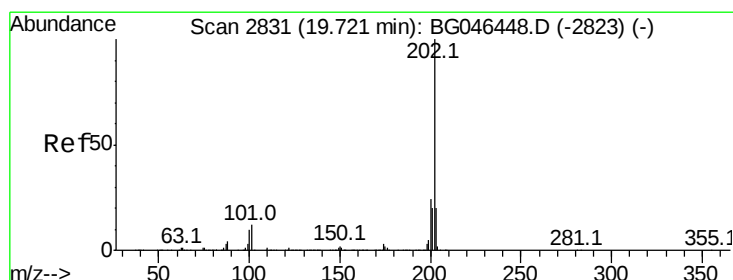
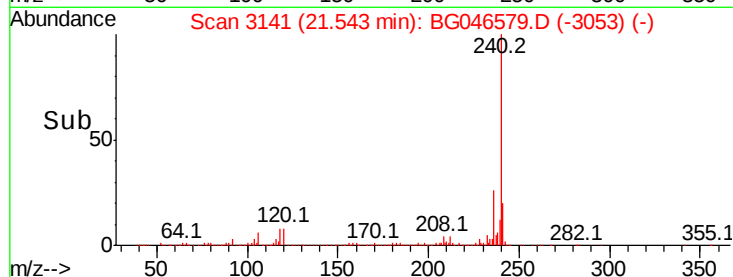
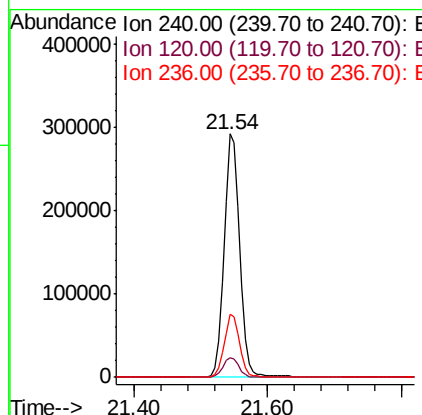
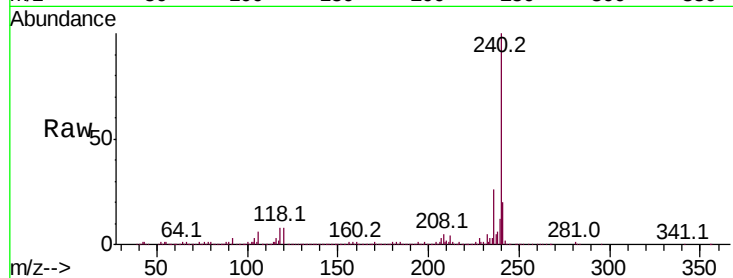




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG046579.D
 Acq: 9 Sep 2020 19:18

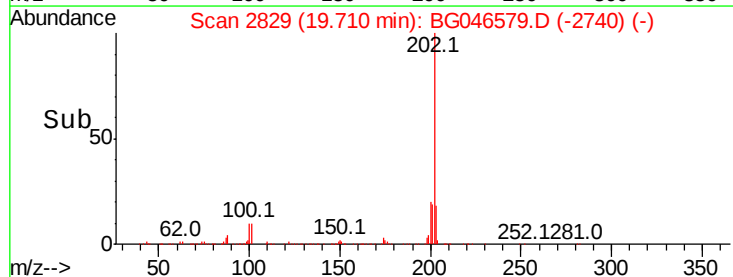
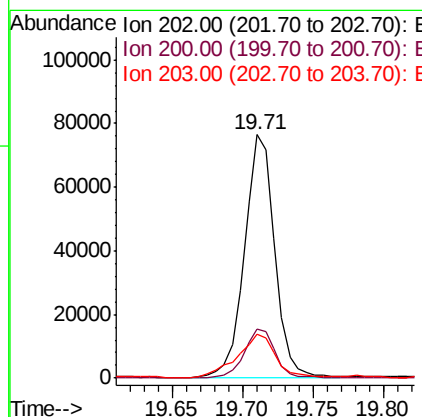
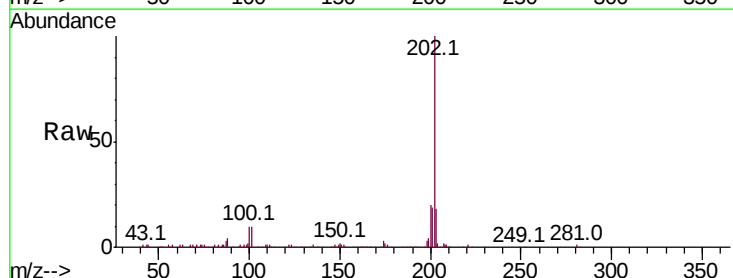
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 PAV-B41-090820-0-10

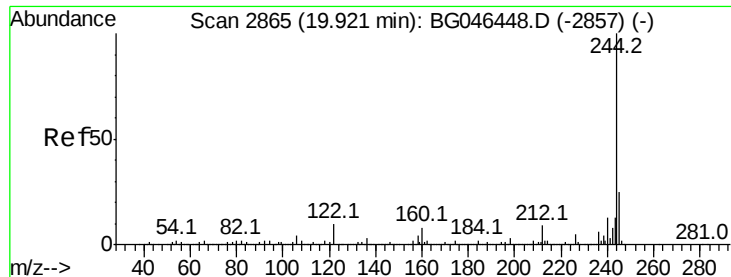
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.6	10.0
236	26.0	21.4	32.2



#78
 Pyrene
 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

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	18.9	28.3
203	18.2	16.1	24.1





#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

Instrument :

BNA_G

ClientSampleId :

PAV-B41-090820-0-10

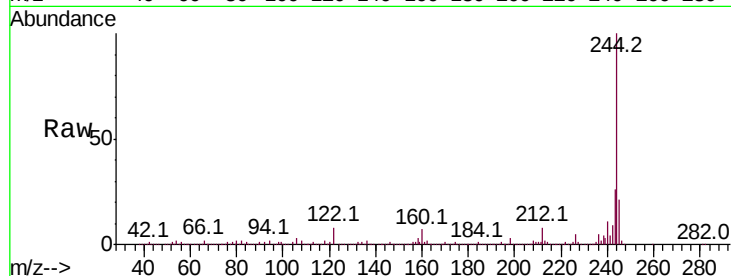
Tot Ion:244 Resp: 1085567

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.9	10.3
122	8.3	8.2	12.4

244 100

212 7.7 6.9 10.3

122 8.3 8.2 12.4

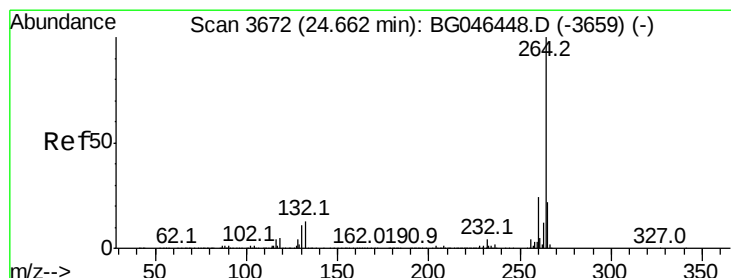
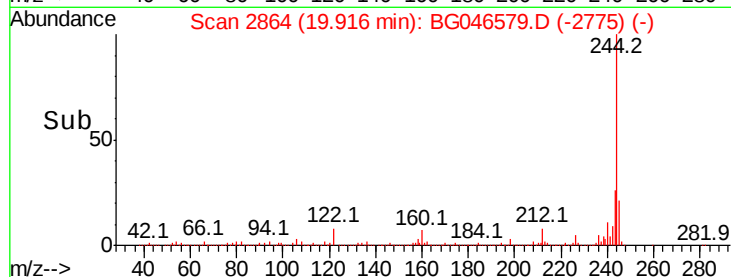
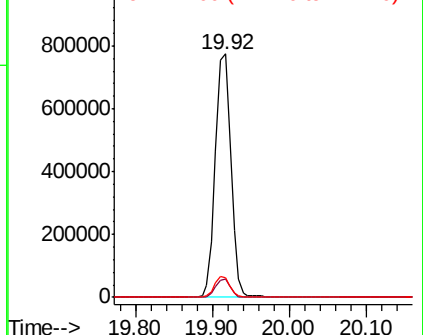


Abundance

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



#86

Perylene-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

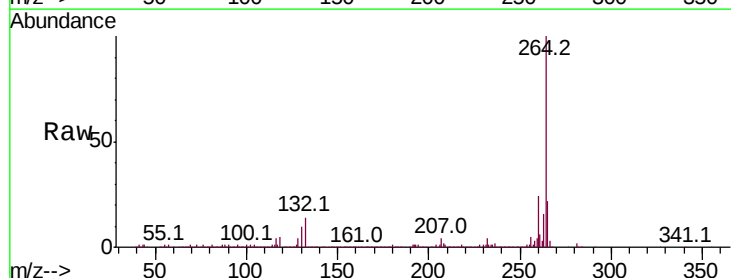
Tgt Ion:264 Resp: 474403

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

264 100

260 23.5 19.2 28.8

265 22.0 17.9 26.9



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

