

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046564.D
 Acq On : 8 Sep 2020 19:16
 Operator : CG/JU
 Sample : L3808-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B44-090320-0-10

Quant Time: Sep 09 00:40:05 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

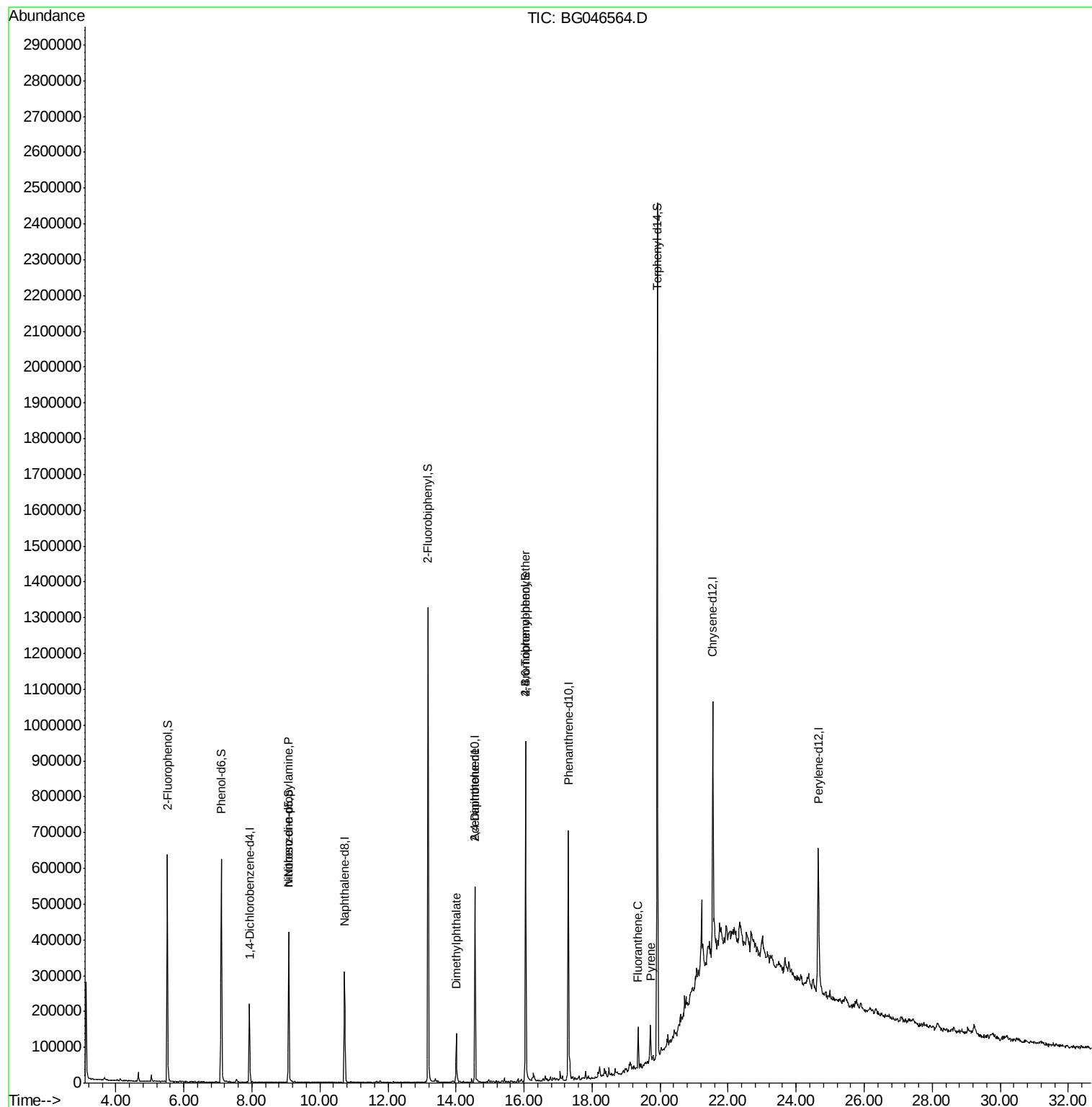
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	67684	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	282752	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	200879	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	465545	20.00	ng	0.00
76) Chrysene-d12	21.55	240	431351	20.00	ng	0.00
86) Perylene-d12	24.65	264	425079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	307515	80.47	ng	0.00
7) Phenol-d6	7.10	99	411291	75.92	ng	0.00
23) Nitrobenzene-d5	9.08	82	273534	55.29	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	201419	74.00	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	749344	56.95	ng	0.00
79) Terphenyl-d14	19.92	244	1087880	53.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	34350	10.601	ng	Qvalue # 74
50) Dimethylphthalate	14.01	163	108140	6.958	ng	98
57) 2,4-Dinitrotoluene	14.56	165	26367	5.398	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	15493	2.852	ng	# 1
75) Fluoranthene	19.35	202	69891	2.302	ng	94
78) Pyrene	19.71	202	63909	2.327	ng	97

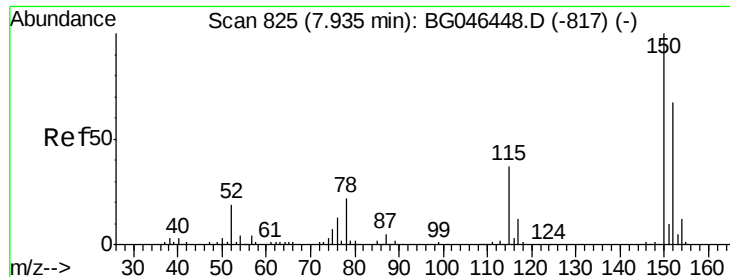
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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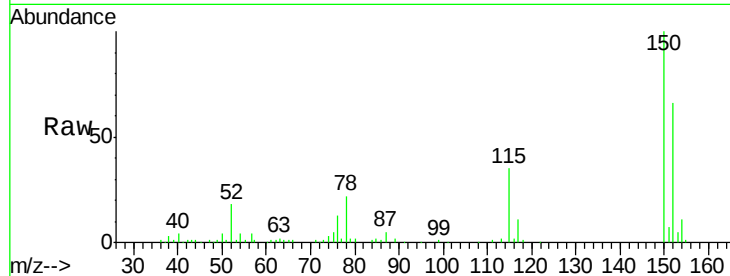


#1

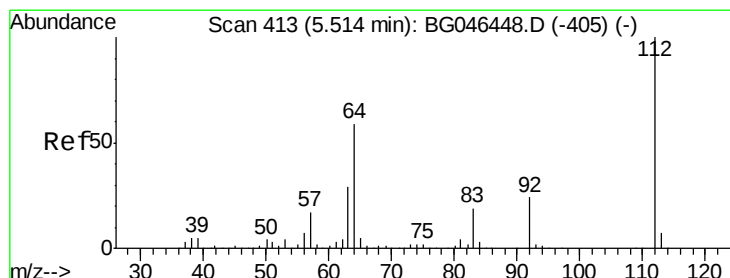
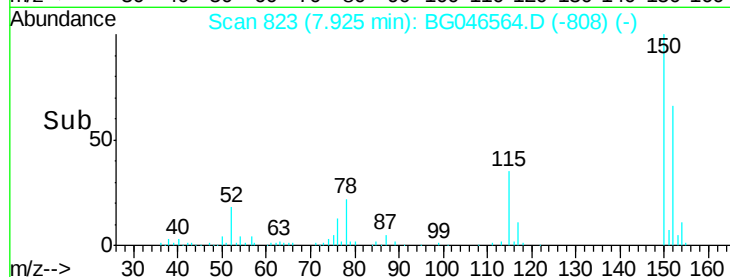
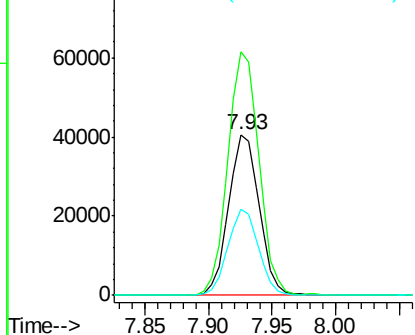
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046564.D
Acq: 8 Sep 2020 19:16

Instrument :
BNA_G
ClientSampleId :
PAV-B44-090320-0-10

Tot Ion:152 Resp: 67684
Ion Ratio Lower Upper
152 100
150 151.7 119.5 179.3
115 53.4 44.3 66.5



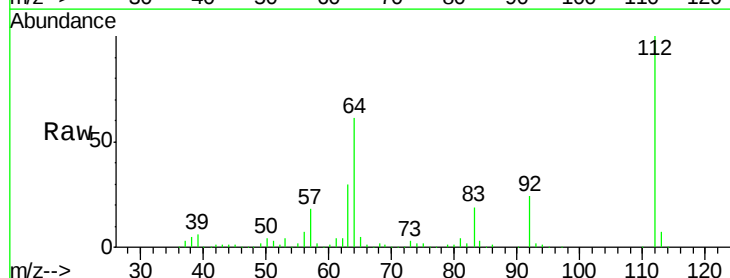
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



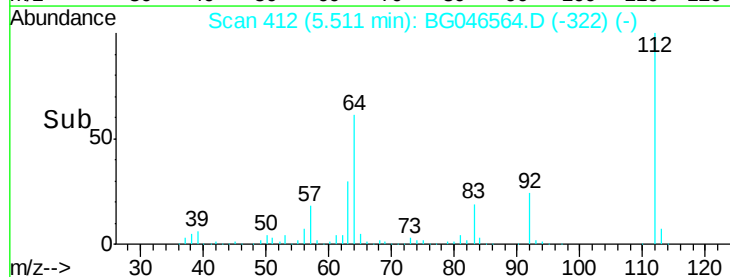
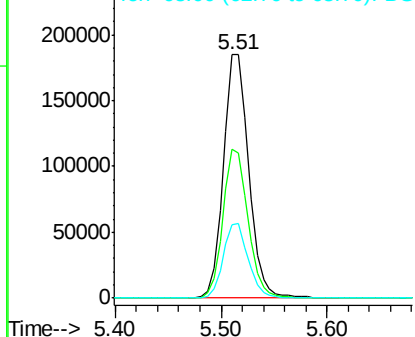
#5

2-Fluorophenol
Concen: 80.472 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG046564.D
Acq: 8 Sep 2020 19:16

Tgt Ion:112 Resp: 307515
Ion Ratio Lower Upper
112 100
64 61.3 47.0 70.6
63 30.1 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: 75.923 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046564.D

Acq: 8 Sep 2020 19:16

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090320-0-10

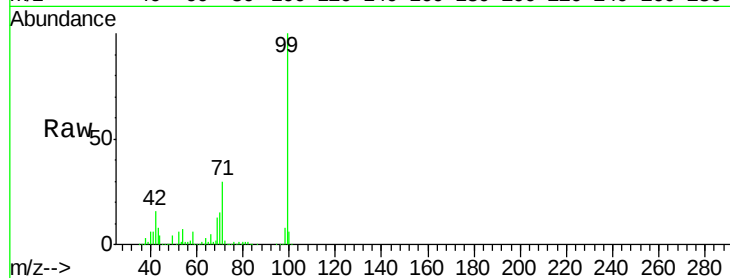
Tot Ion: 99 Resp: 411291

Ion Ratio Lower Upper

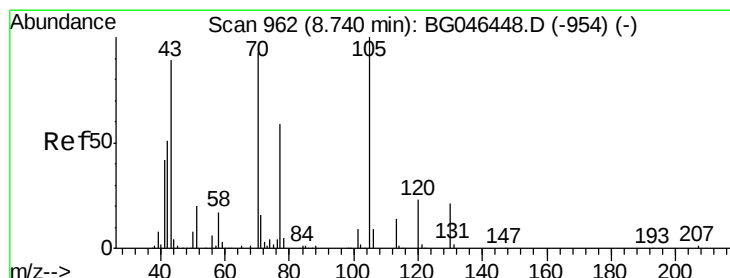
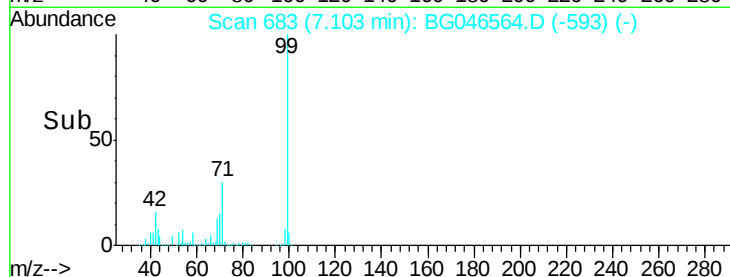
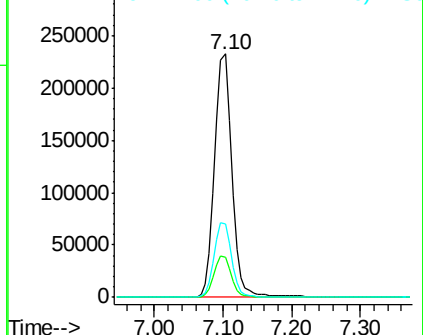
99 100

42 16.3 13.3 19.9

71 30.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.601 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046564.D

Acq: 8 Sep 2020 19:16

Tgt Ion: 70 Resp: 34350

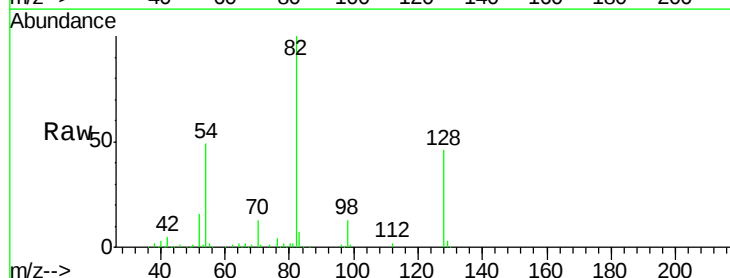
Ion Ratio Lower Upper

70 100

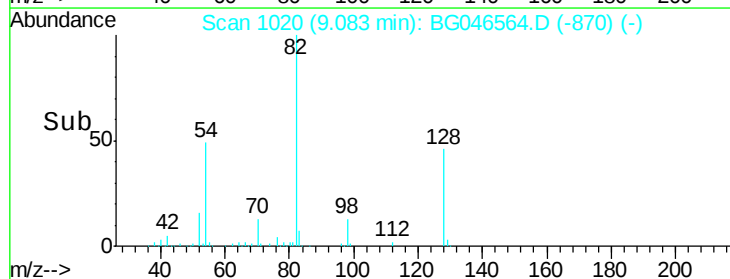
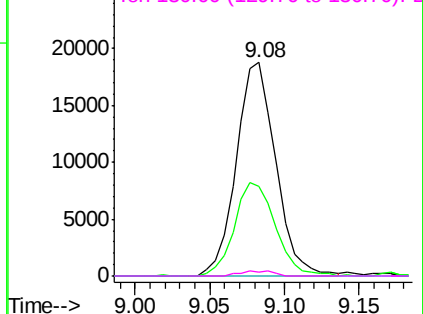
42 41.7 44.2 66.2#

101 0.0 7.8 11.8#

130 1.7 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

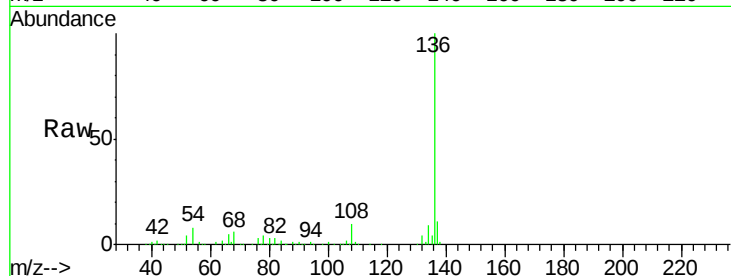




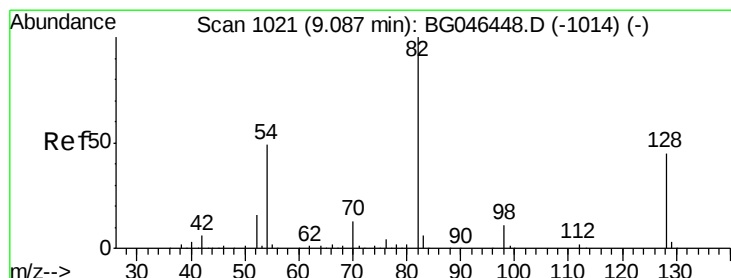
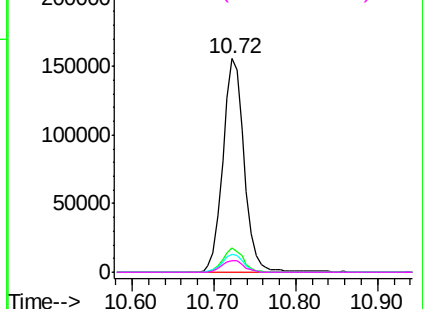
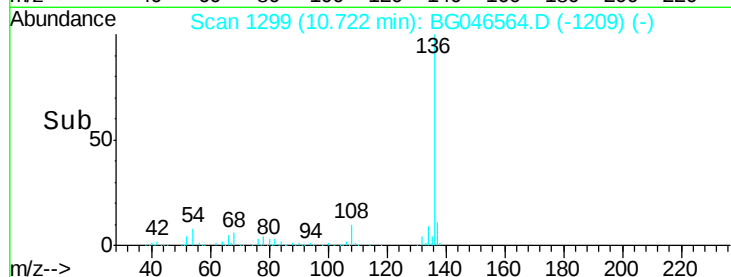
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046564.D
Acq: 8 Sep 2020 19:16

Instrument :
BNA_G
ClientSampleId :
PAV-B44-090320-0-10

Tot Ion:136	Resp:	282752
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 8.2	6.1	9.1
68 5.5	4.8	7.2

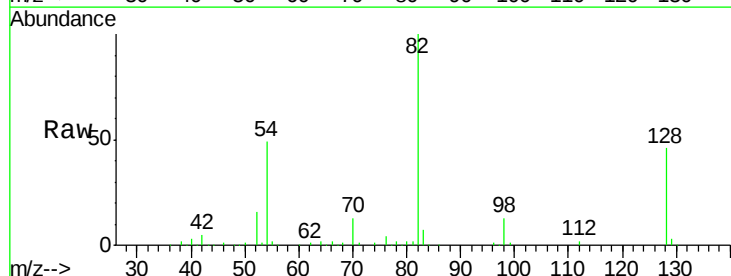


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

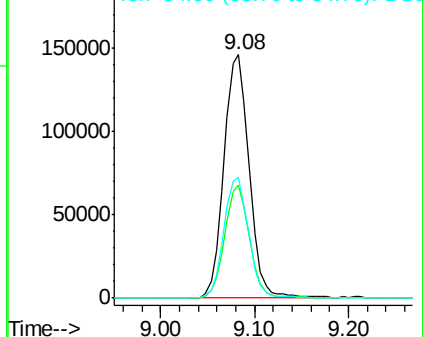
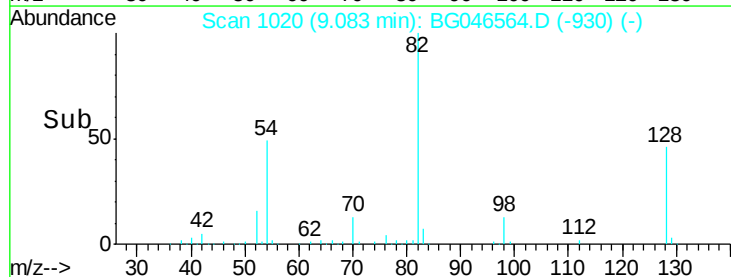


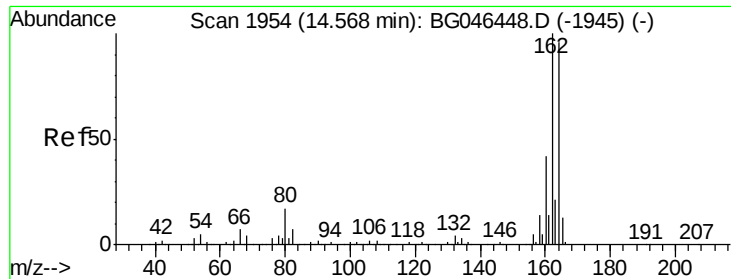
#23
Nitrobenzene-d5
Concen: 55.292 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046564.D
Acq: 8 Sep 2020 19:16

Tgt Ion: 82	Resp: 273534
Ion Ratio	Lower Upper
82 100	
128 46.5	35.7 53.5
54 49.4	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# 1952

Delta R.T. -0.00 min

Lab File: BG046564.D

Acq: 8 Sep 2020 19:16

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090320-0-10

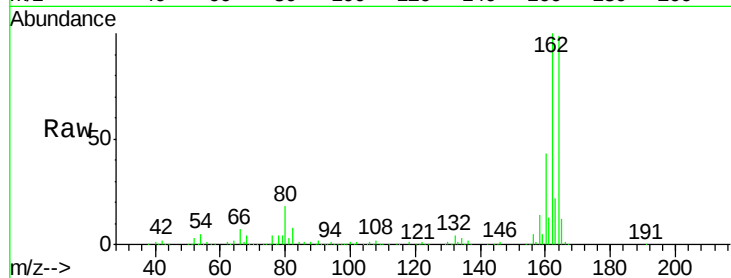
Tot Ion:164 Resp: 200879

Ion Ratio Lower Upper

164 100

162 101.2 83.3 124.9

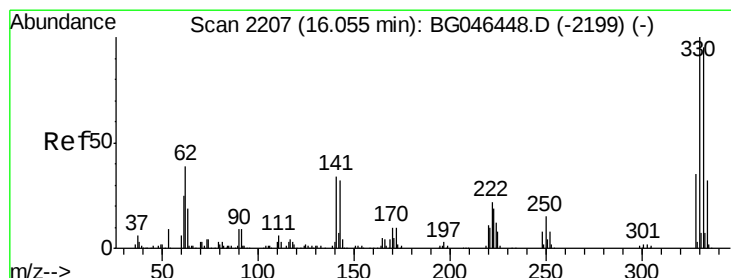
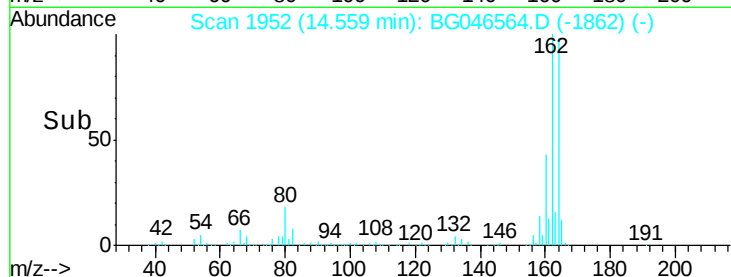
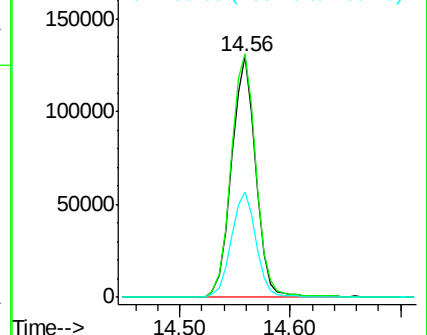
160 43.7 35.0 52.6



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: 74.003 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046564.D

Acq: 8 Sep 2020 19:16

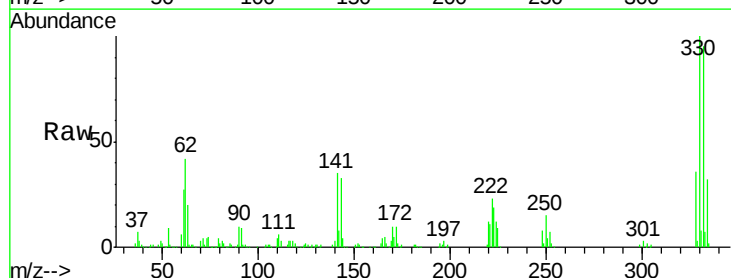
Tgt Ion:330 Resp: 201419

Ion Ratio Lower Upper

330 100

332 95.8 76.1 114.1

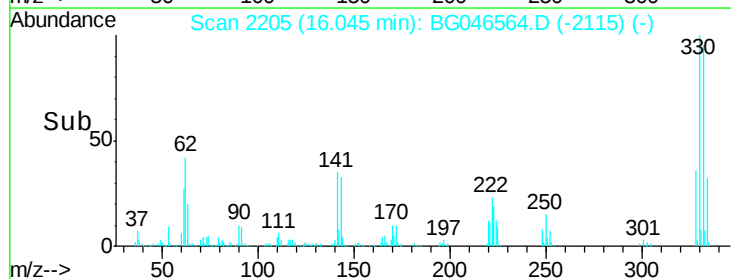
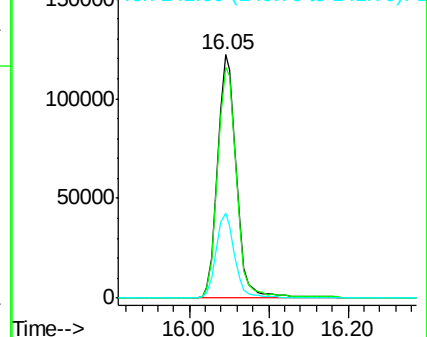
141 34.5 26.1 39.1

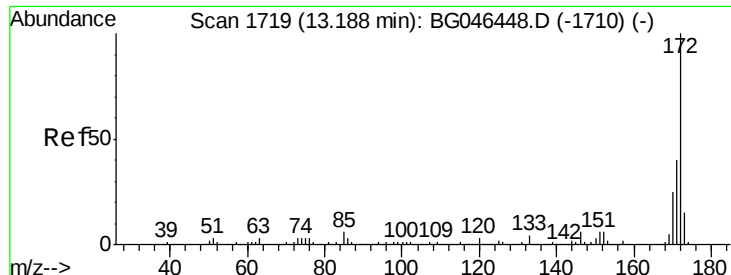


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

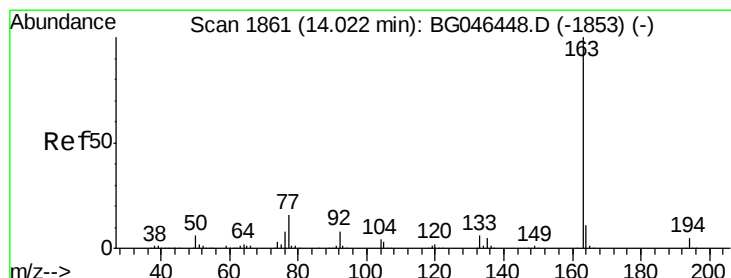
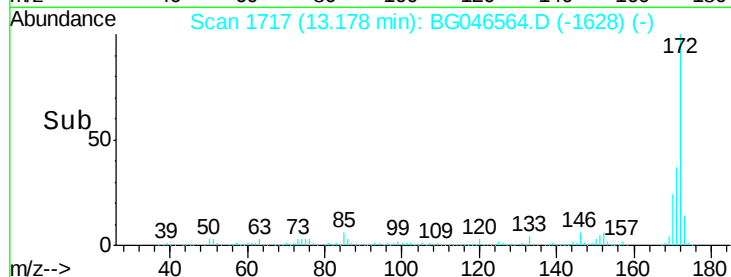
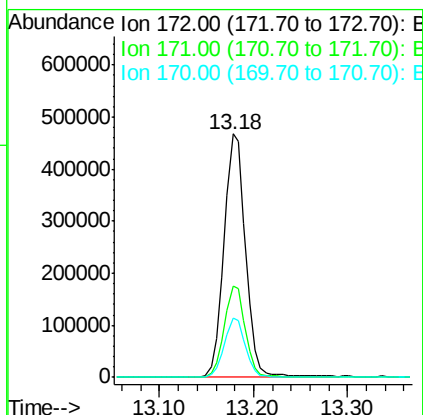
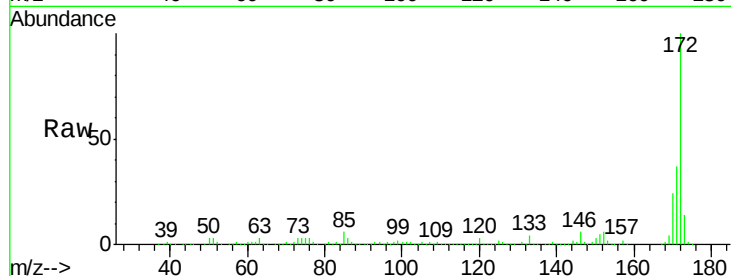




#45
2-Fluorobiphenyl
Concen: 56.946 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046564.D
Acq: 8 Sep 2020 19:16

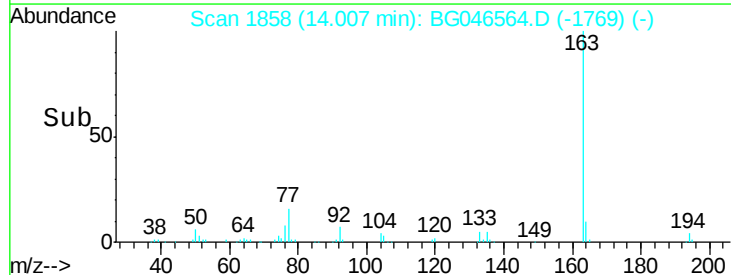
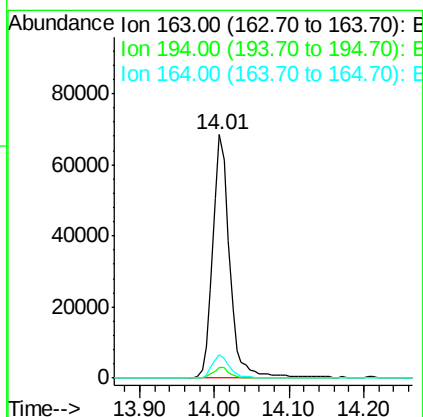
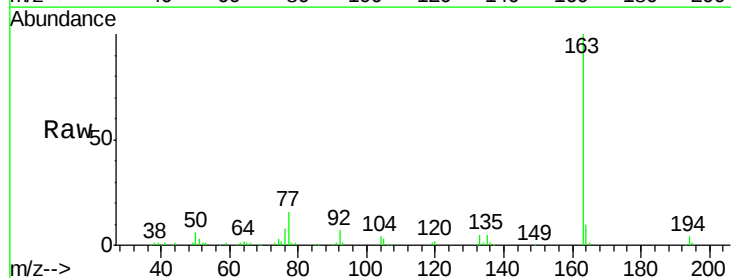
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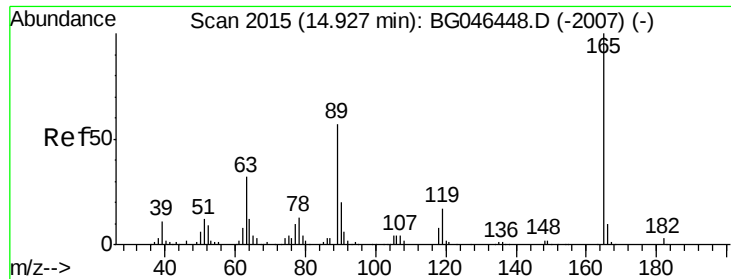
Tot Ion:172 Resp: 749344
Ion Ratio Lower Upper
172 100
171 37.4 31.8 47.6
170 24.2 20.3 30.5



#50
Dimethylphthalate
Concen: 6.958 ng
RT: 14.01 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG046564.D
Acq: 8 Sep 2020 19:16

Tgt Ion:163 Resp: 108140
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 9.6 8.6 12.8

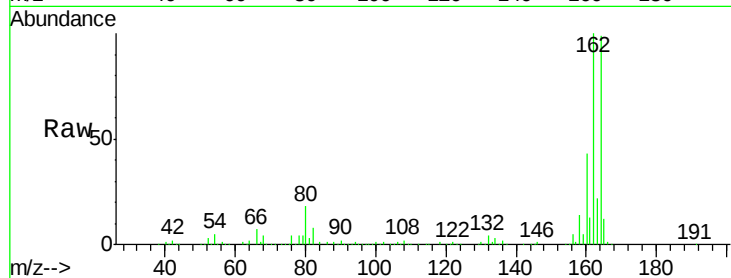




#57
 2,4-Dinitrotoluene
 Concen: 5.398 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046564.D
 Acq: 8 Sep 2020 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B44-090320-0-10

Tot Ion:165	Resp:	26367
Ion Ratio	Lower	Upper
165	100	
63	1.2	25.4 38.0#
89	1.1	45.9 68.9#
182	0.0	2.3 3.5#

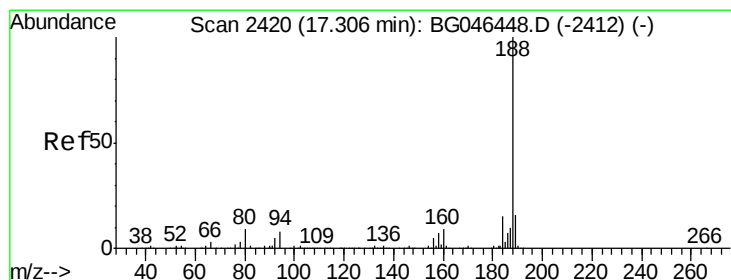
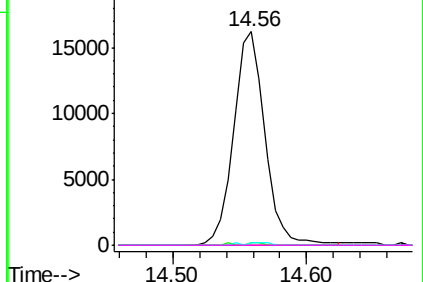
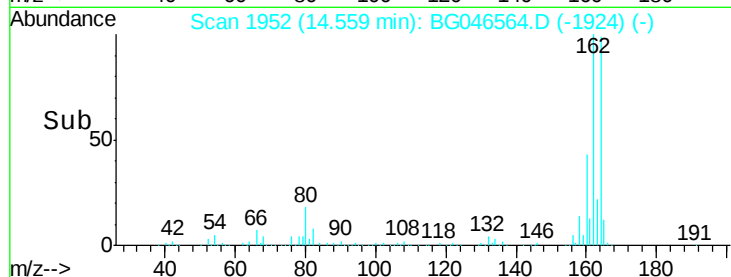


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

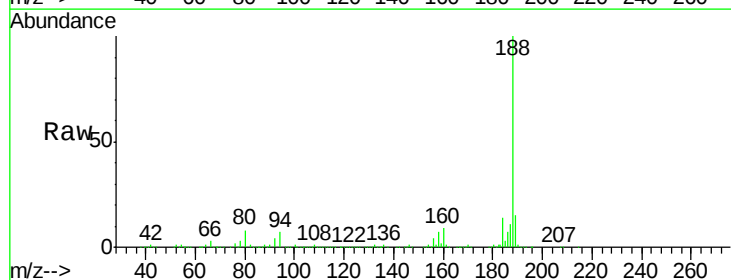
Ion 89.00 (88.70 to 89.70): BGC

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: BG046564.D
 Acq: 8 Sep 2020 19:16

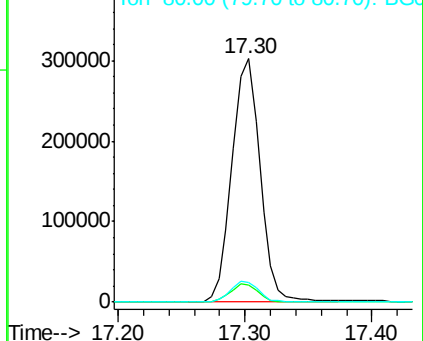
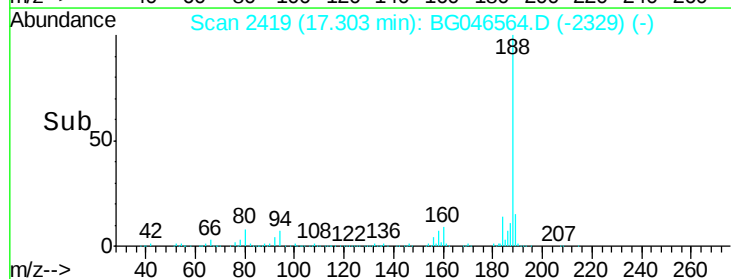
Tgt Ion:188	Resp:	465545
Ion Ratio	Lower	Upper
188	100	
94	7.2	6.3 9.5
80	8.1	6.9 10.3

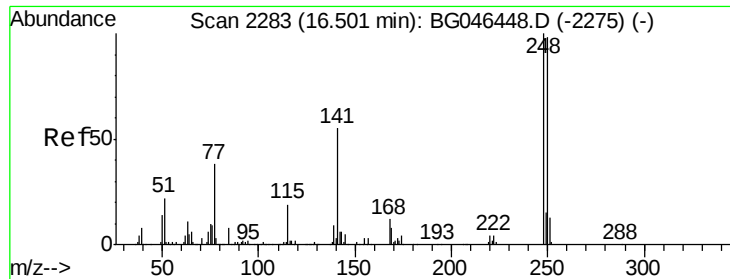


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 2.852 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.45 min

Lab File: BG046564.D

Acq: 8 Sep 2020 19:16

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090320-0-10

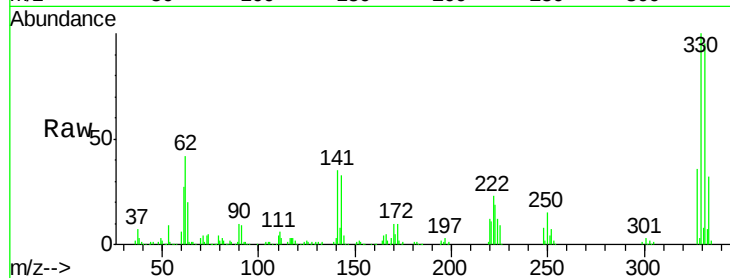
Tot Ion:248 Resp: 15493

Ion Ratio Lower Upper

248 100

250 184.2 78.6 118.0#

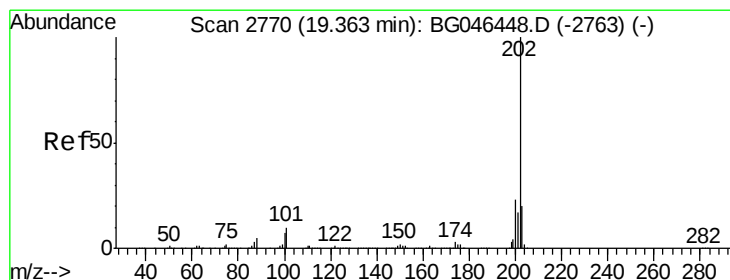
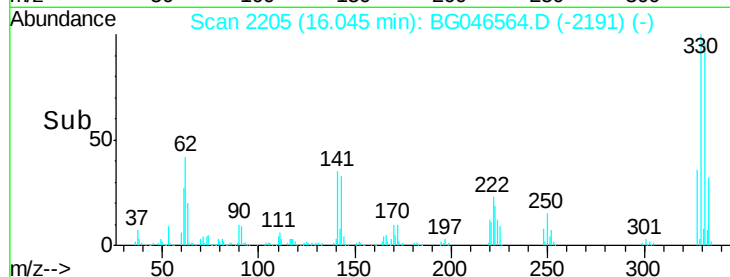
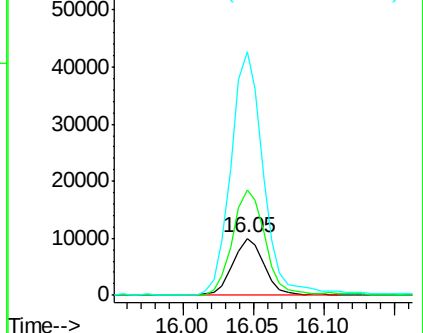
141 426.7 43.9 65.9#



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



#75

Fluoranthene

Concen: 2.302 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG046564.D

Acq: 8 Sep 2020 19:16

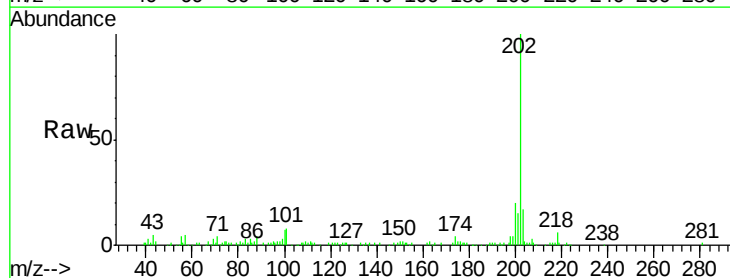
Tgt Ion:202 Resp: 69891

Ion Ratio Lower Upper

202 100

101 8.4 0.0 29.9

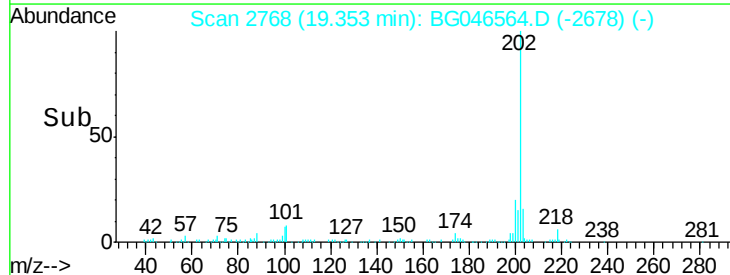
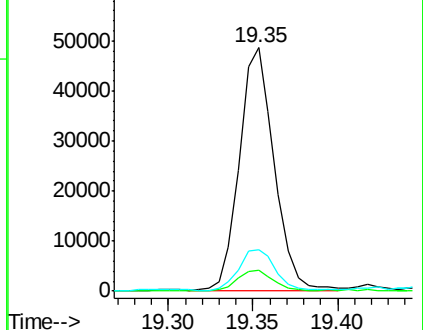
203 16.8 0.0 40.0

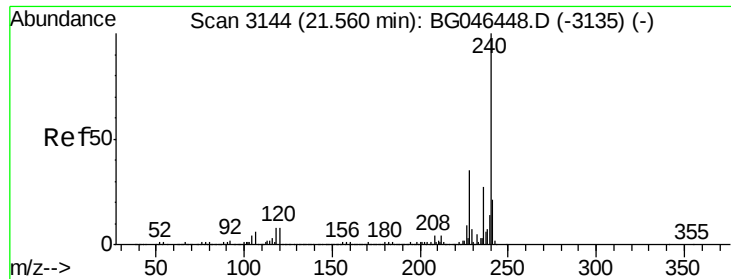


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

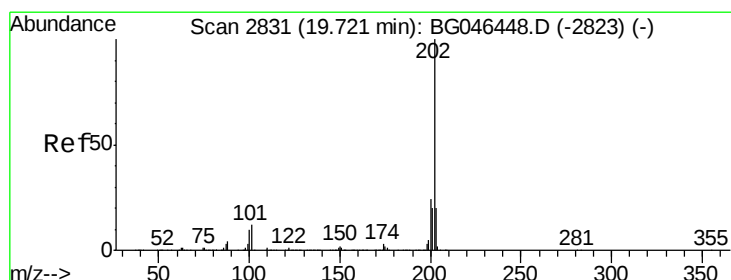
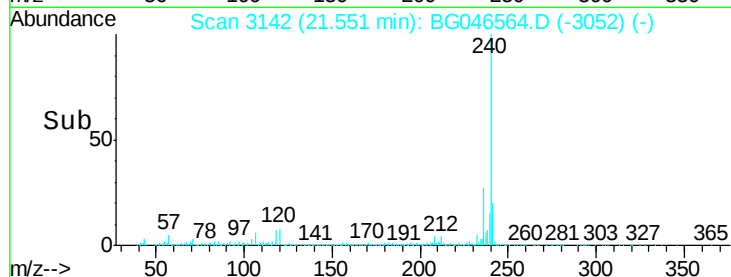
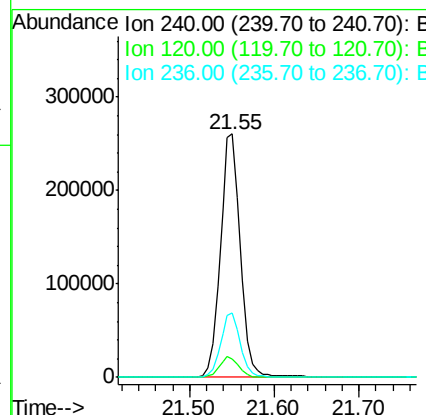
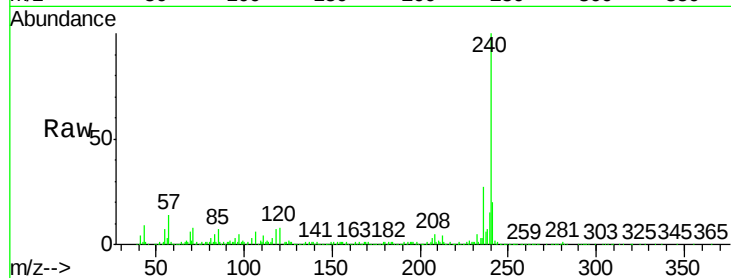




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046564.D
Acq: 8 Sep 2020 19:16

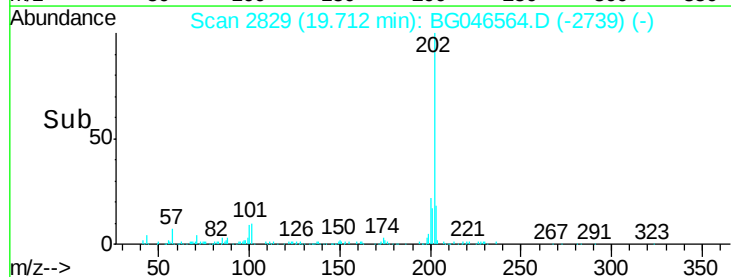
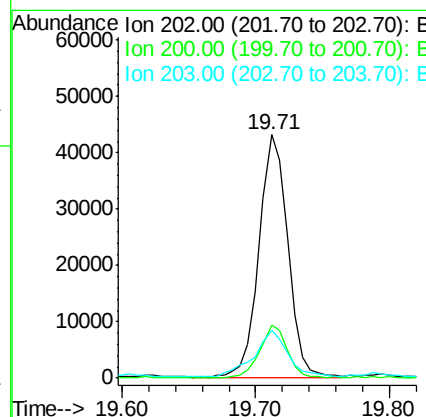
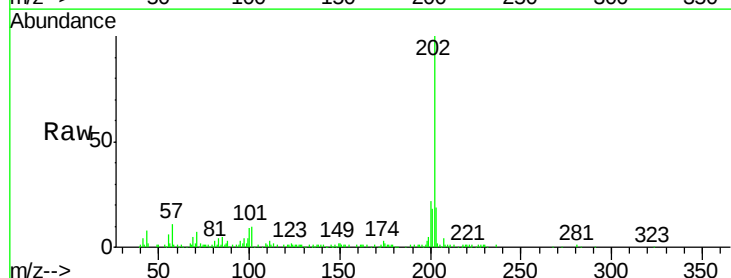
Instrument :
BNA_G
ClientSampleId :
PAV-B44-090320-0-10

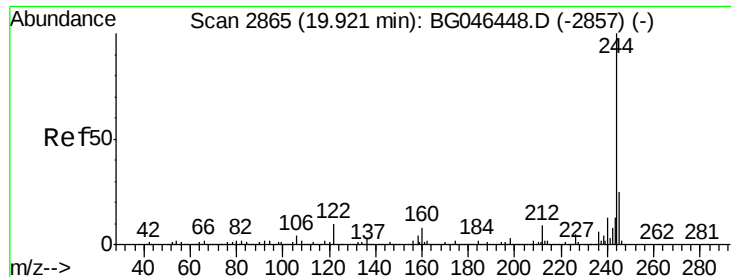
Tot Ion:240 Resp: 431351
Ion Ratio Lower Upper
240 100
120 7.8 6.6 10.0
236 26.6 21.4 32.2



#78
Pyrene
Concen: 2.327 ng
RT: 19.71 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG046564.D
Acq: 8 Sep 2020 19:16

Tgt Ion:202 Resp: 63909
Ion Ratio Lower Upper
202 100
200 21.7 18.9 28.3
203 19.4 16.1 24.1





#79

Terphenyl-d14

Concen: 53.673 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046564.D

Acq: 8 Sep 2020 19:16

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090320-0-10

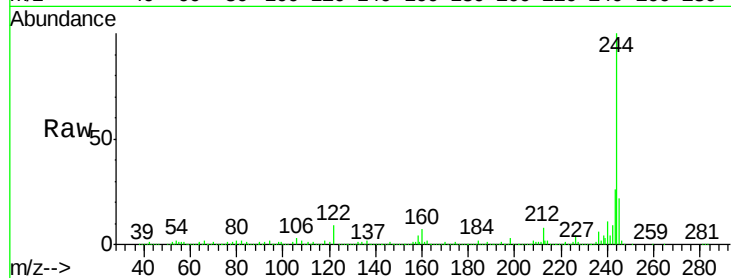
Tot Ion:244 Resp: 1087880

Ion Ratio Lower Upper

244 100

212 7.5 6.9 10.3

122 9.0 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

1000000

800000

600000

400000

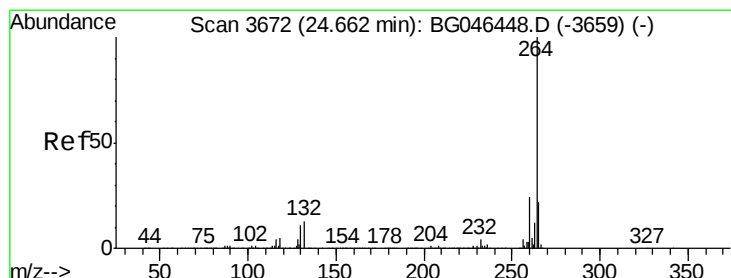
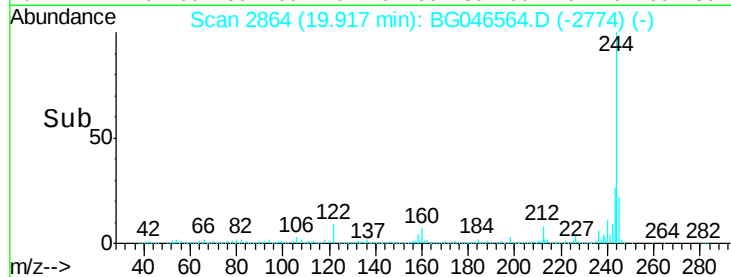
200000

0

19.92

19.80 19.90 20.00

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BG046564.D

Acq: 8 Sep 2020 19:16

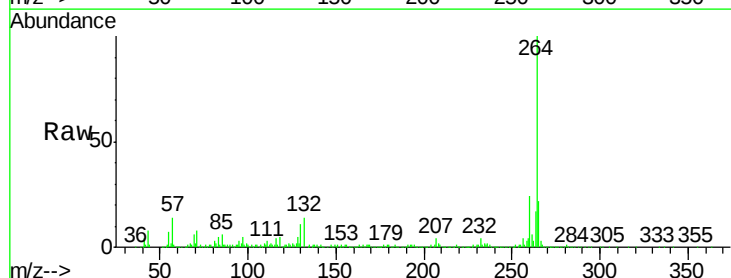
Tgt Ion:264 Resp: 425079

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.6 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

200000

150000

100000

50000

0

24.65

24.50 24.60 24.70 24.80

Time-->

