

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046565.D
 Acq On : 8 Sep 2020 19:56
 Operator : CG/JU
 Sample : L3808-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B44-090320-10-20

Quant Time: Sep 09 00:40:20 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

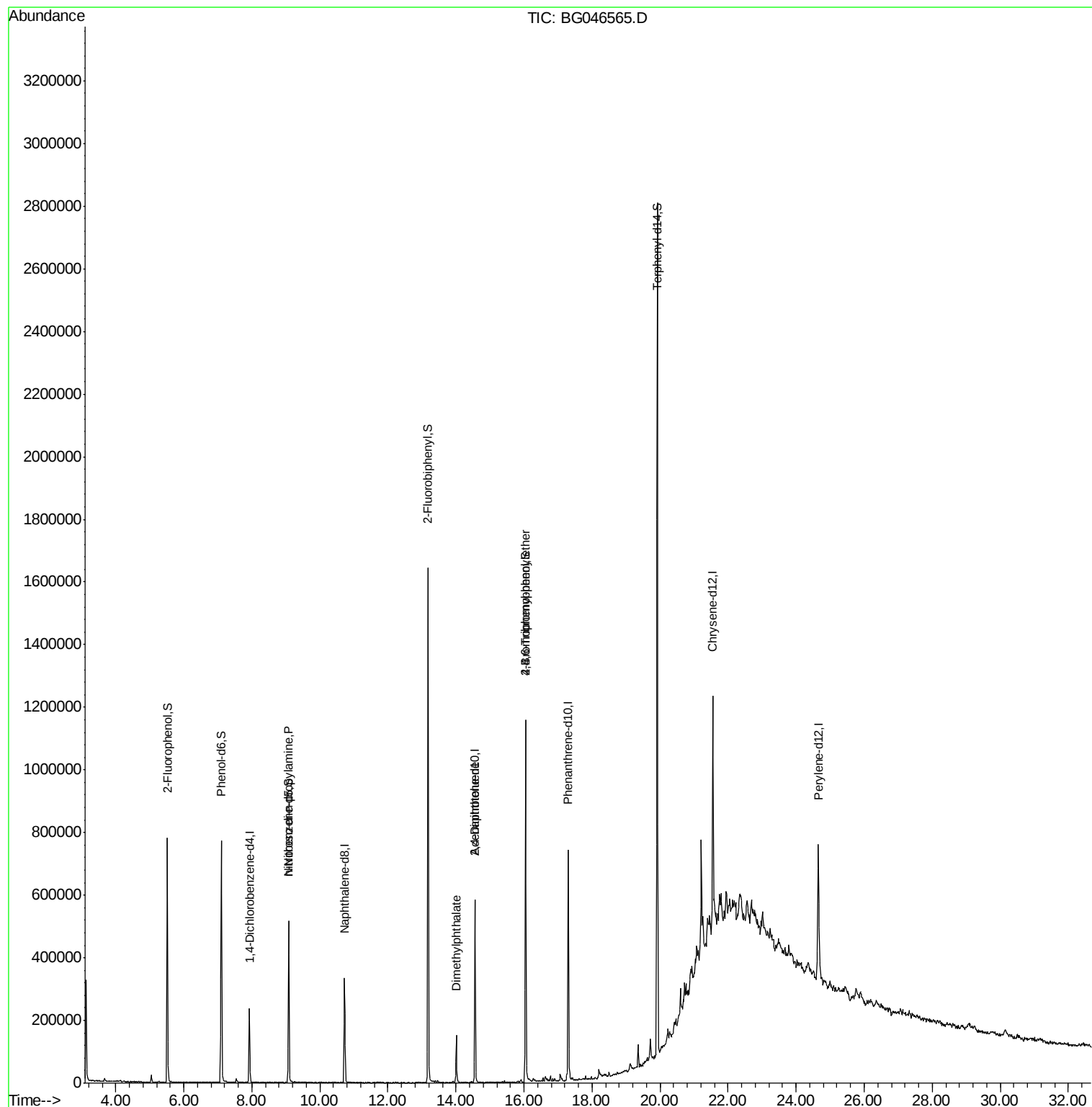
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73759	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	306536	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	218541	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	498849	20.00	ng	0.00
76) Chrysene-d12	21.55	240	451465	20.00	ng	0.00
86) Perylene-d12	24.65	264	450289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	378147	90.80	ng	0.00
7) Phenol-d6	7.10	99	506330	85.77	ng	0.00
23) Nitrobenzene-d5	9.08	82	338396	63.10	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	249874	84.39	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	921022	64.34	ng	0.00
79) Terphenyl-d14	19.91	244	1293592	60.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	43275	12.255	ng	Qvalue # 75
50) Dimethylphthalate	14.01	163	119101	7.044	ng	99
57) 2,4-Dinitrotoluene	14.55	165	29519	5.555	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	18933	3.253	ng	# 1

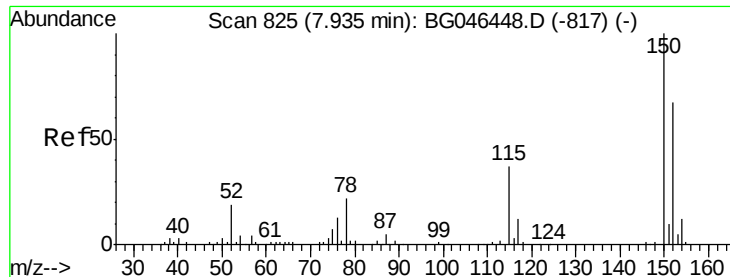
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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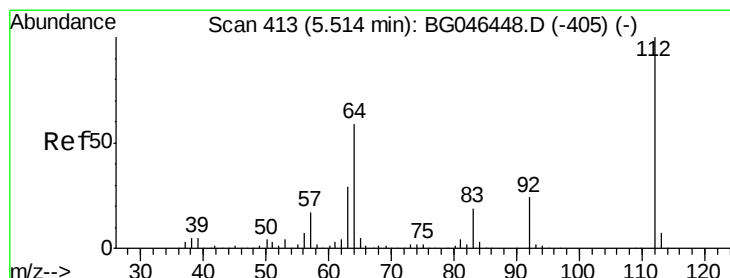
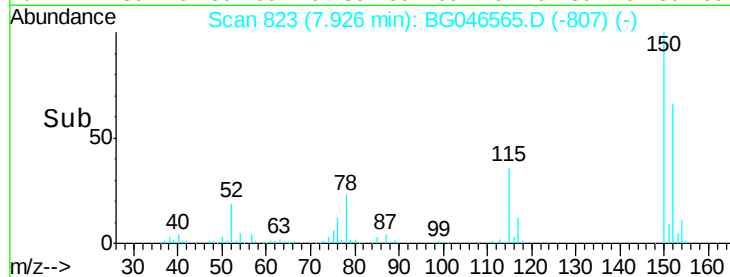
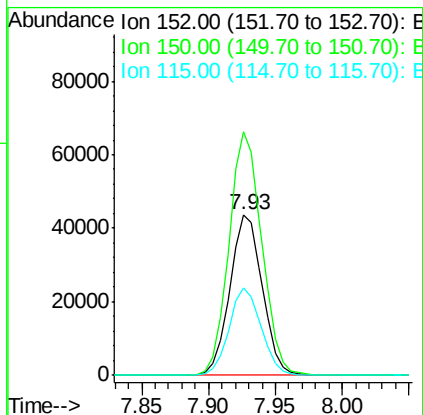
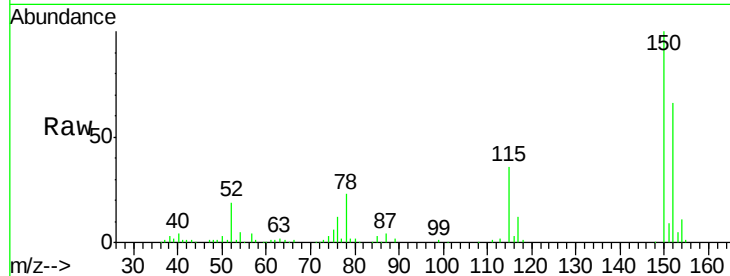


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046565.D
Acq: 8 Sep 2020 19:56

Instrument :
BNA_G
ClientSampleId :
PAV-B44-090320-10-20

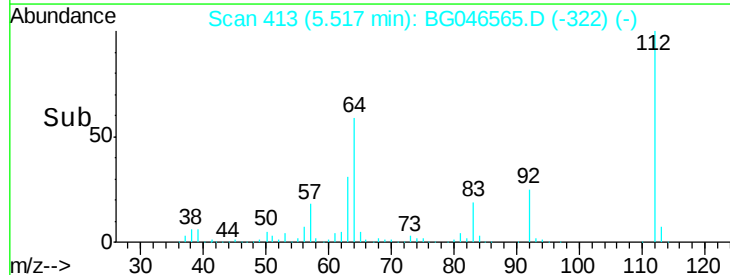
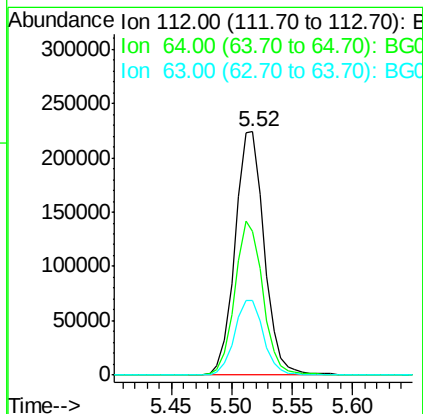
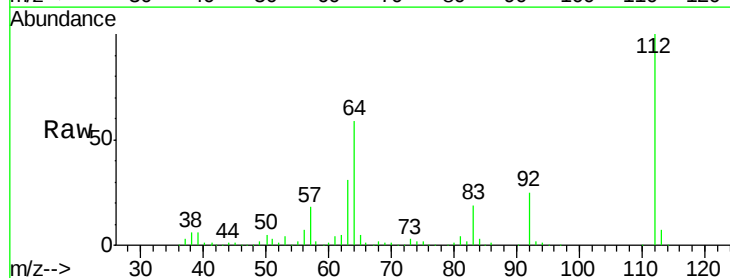
Tot Ion:152 Resp: 73759
Ion Ratio Lower Upper
152 100
150 151.5 119.5 179.3
115 54.4 44.3 66.5

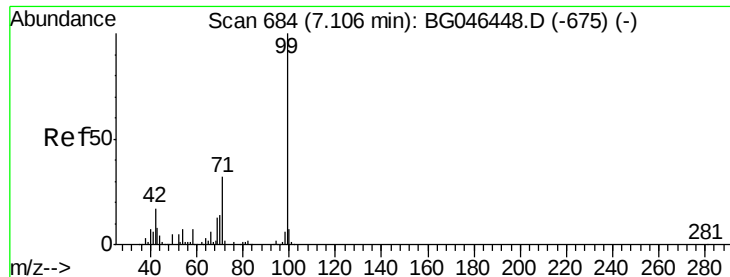


#5

2-Fluorophenol
Concen: 90.805 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046565.D
Acq: 8 Sep 2020 19:56

Tgt Ion:112 Resp: 378147
Ion Ratio Lower Upper
112 100
64 59.0 47.0 70.6
63 30.7 23.5 35.3





#7

Phenol-d6

Concen: 85.768 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG046565.D

Acq: 8 Sep 2020 19:56

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090320-10-20

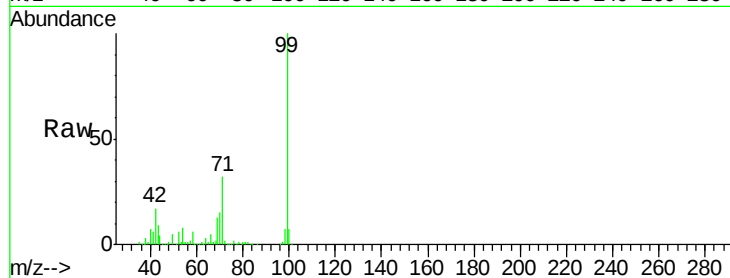
Tot Ion: 99 Resp: 506330

Ion Ratio Lower Upper

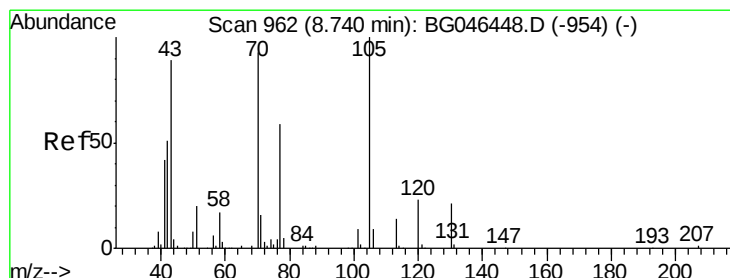
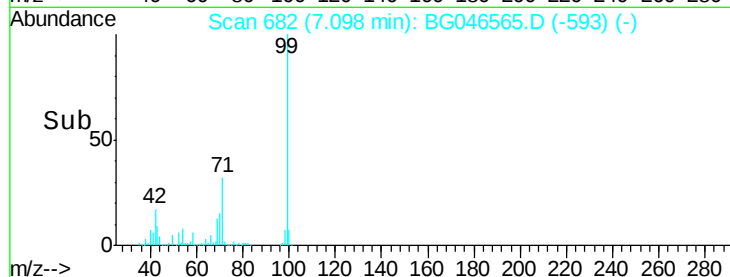
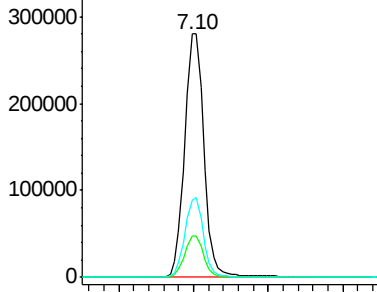
99 100

42 17.0 13.3 19.9

71 31.9 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: 12.255 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046565.D

Acq: 8 Sep 2020 19:56

Tgt Ion: 70 Resp: 43275

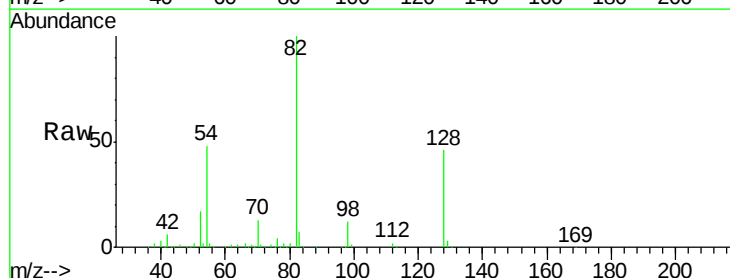
Ion Ratio Lower Upper

70 100

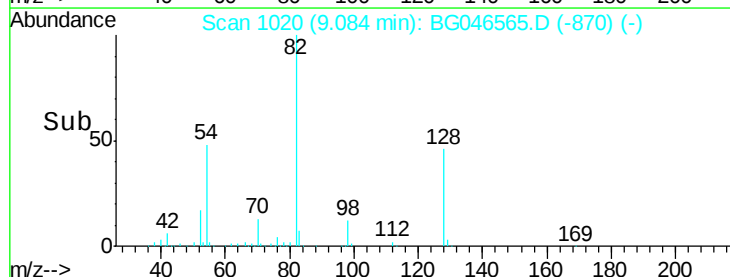
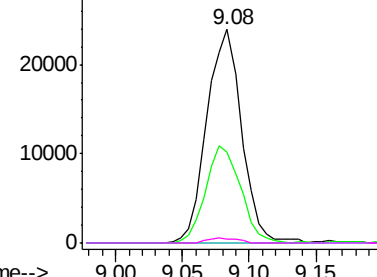
42 42.5 44.2 66.2#

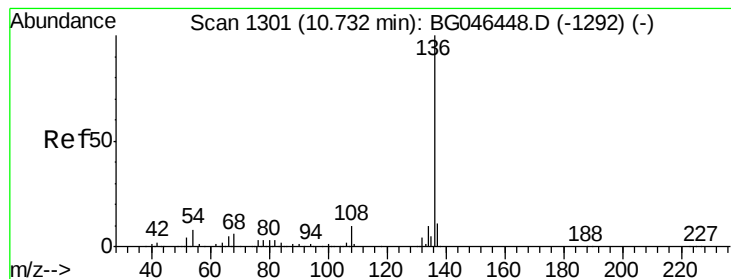
101 0.0 7.8 11.8#

130 2.0 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: BG046565.D

Acq: 8 Sep 2020 19:56

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090320-10-20

Tot Ion:136 Resp: 306536

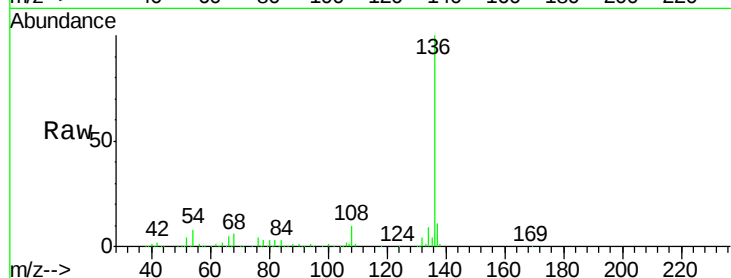
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.7 6.1 9.1

68 5.9 4.8 7.2

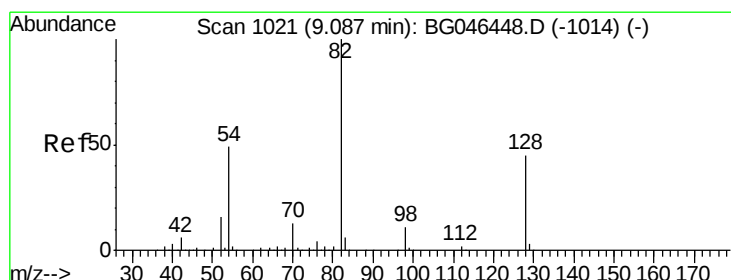
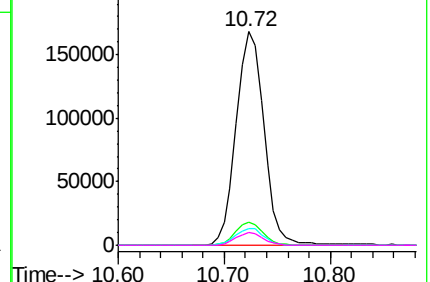
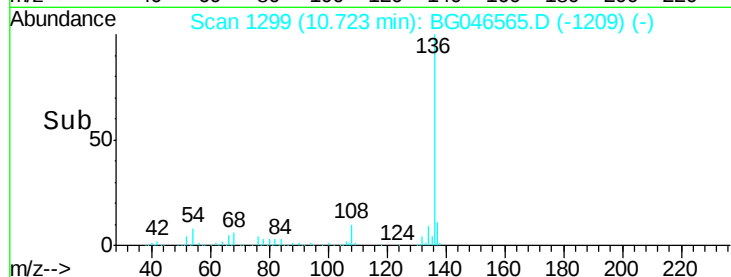


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



#23

Nitrobenzene-d5

Concen: 63.096 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG046565.D

Acq: 8 Sep 2020 19:56

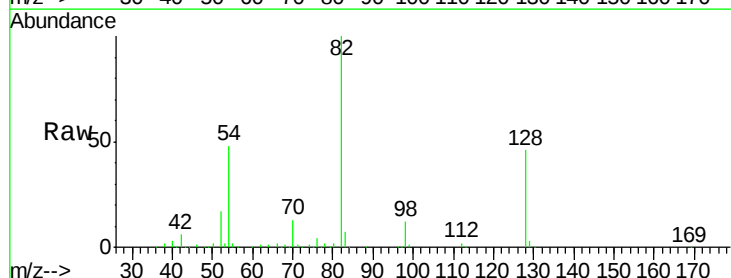
Tgt Ion: 82 Resp: 338396

Ion Ratio Lower Upper

82 100

128 45.5 35.7 53.5

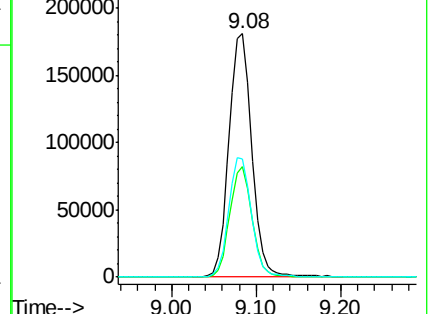
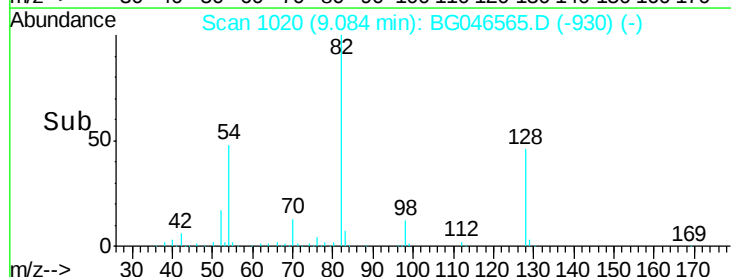
54 48.5 39.4 59.0

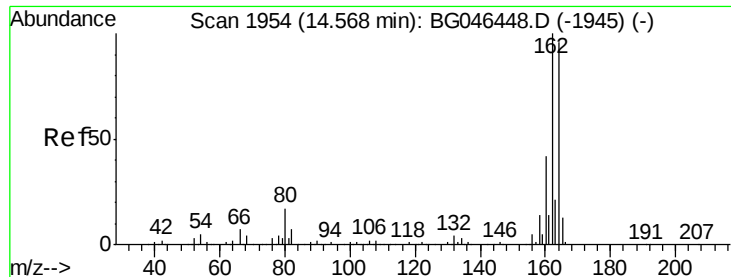


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B

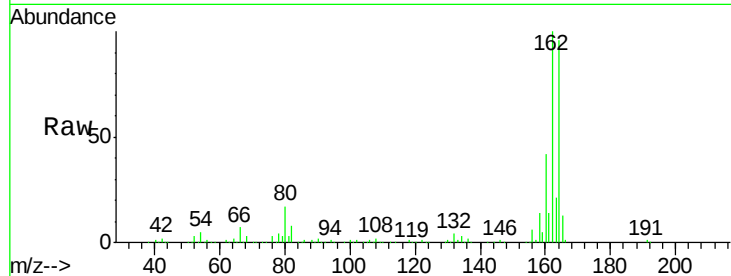




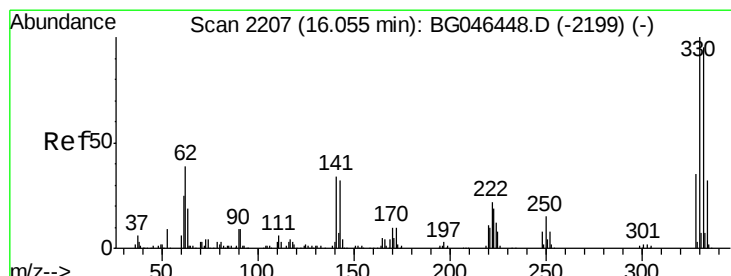
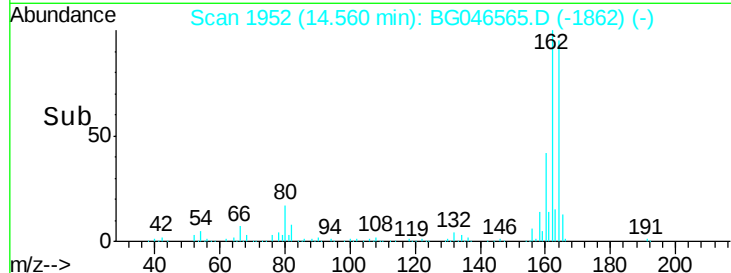
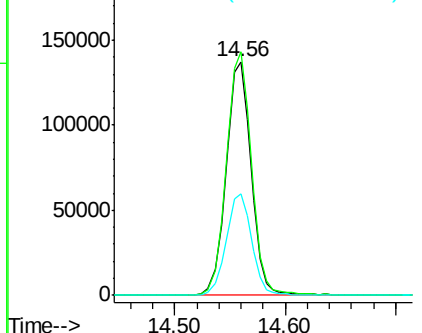
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046565.D
Acq: 8 Sep 2020 19:56

Instrument :
BNA_G
ClientSampleId :
PAV-B44-090320-10-20

Tot Ion:164 Resp: 218541
Ion Ratio Lower Upper
164 100
162 104.1 83.3 124.9
160 43.5 35.0 52.6

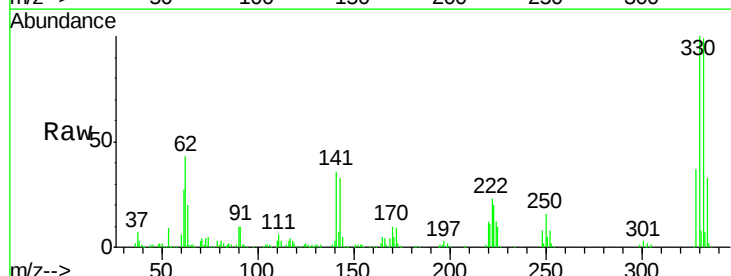


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

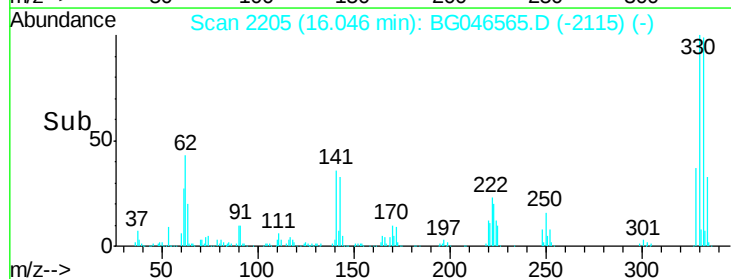
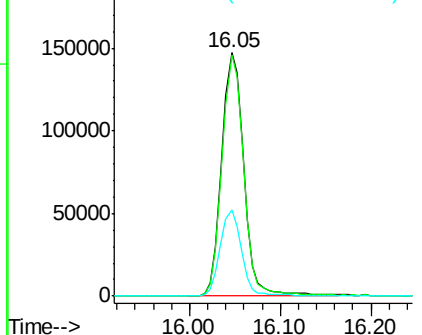


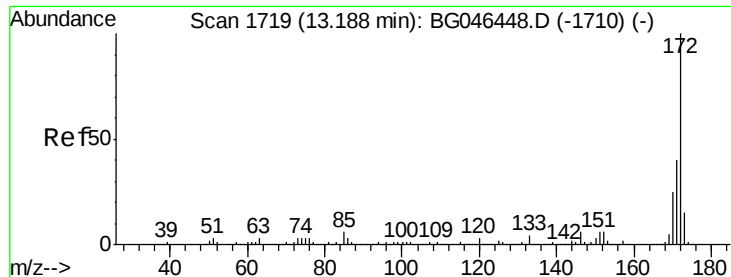
#42
2,4,6-Tribromophenol
Concen: 84.386 ng
RT: 16.05 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG046565.D
Acq: 8 Sep 2020 19:56

Tgt Ion:330 Resp: 249874
Ion Ratio Lower Upper
330 100
332 97.7 76.1 114.1
141 34.3 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

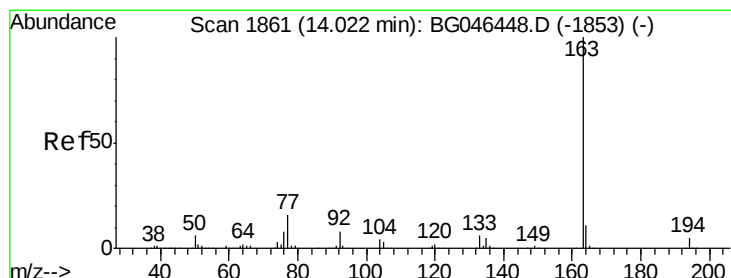
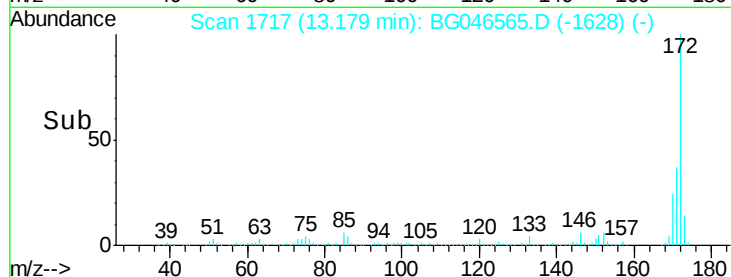
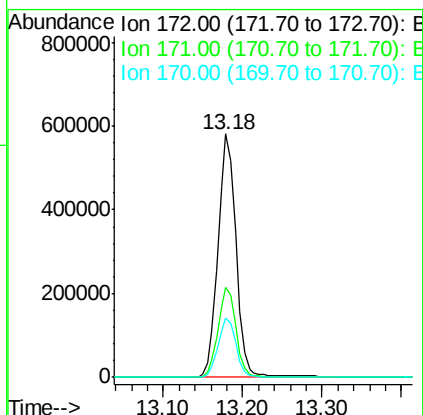
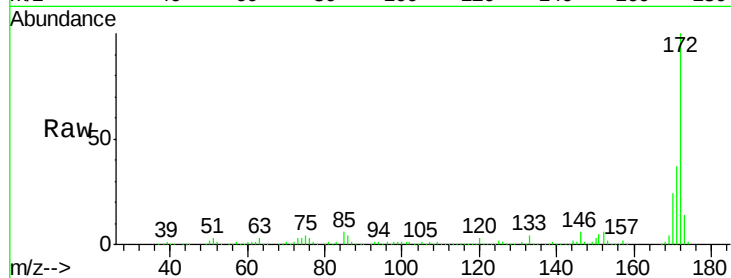




#45
2-Fluorobiphenyl
Concen: 64.336 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046565.D
Acq: 8 Sep 2020 19:56

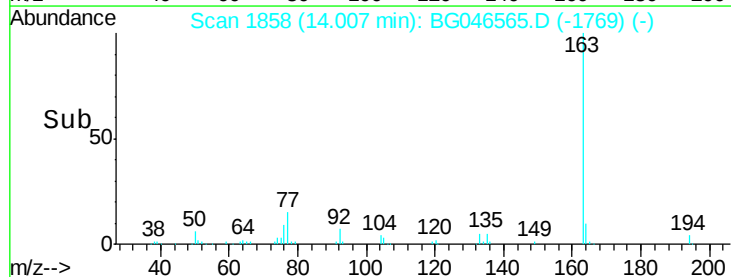
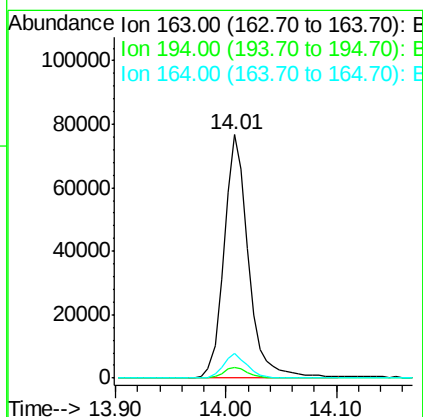
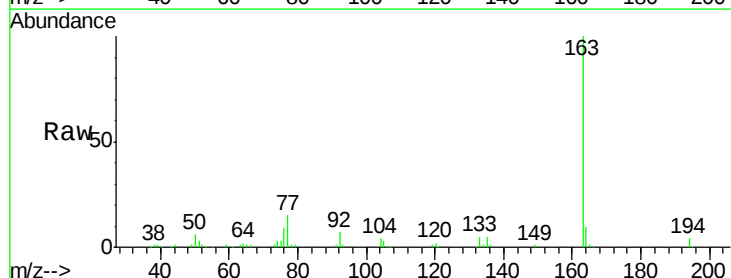
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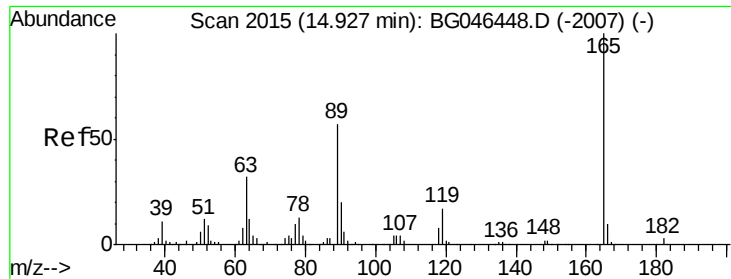
Tot Ion:172 Resp: 921022
Ion Ratio Lower Upper
172 100
171 36.8 31.8 47.6
170 24.5 20.3 30.5



#50
Dimethylphthalate
Concen: 7.044 ng
RT: 14.01 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG046565.D
Acq: 8 Sep 2020 19:56

Tgt Ion:163 Resp: 119101
Ion Ratio Lower Upper
163 100
194 4.4 3.7 5.5
164 10.3 8.6 12.8

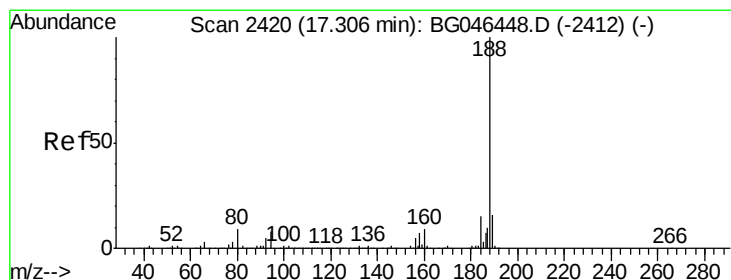
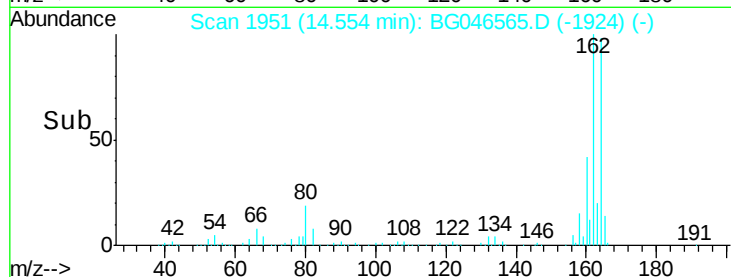
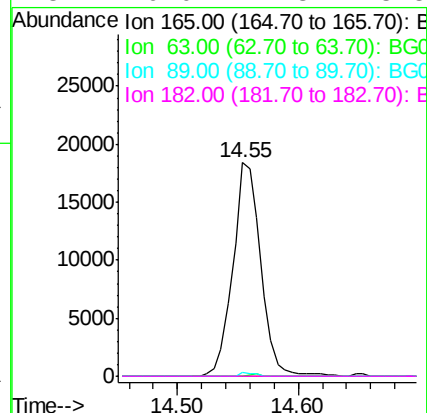
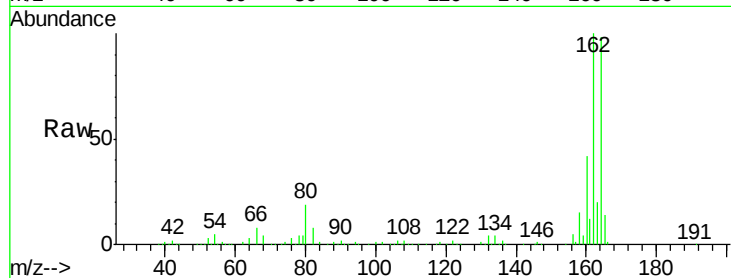




#57
 2,4-Dinitrotoluene
 Concen: 5.555 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.37 min
 Lab File: BG046565.D
 Acq: 8 Sep 2020 19:56

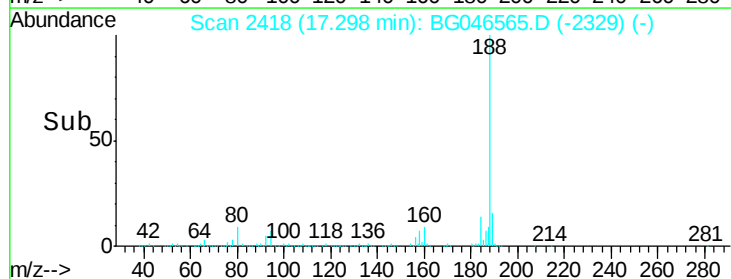
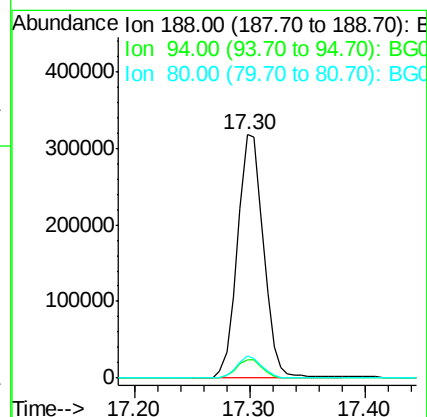
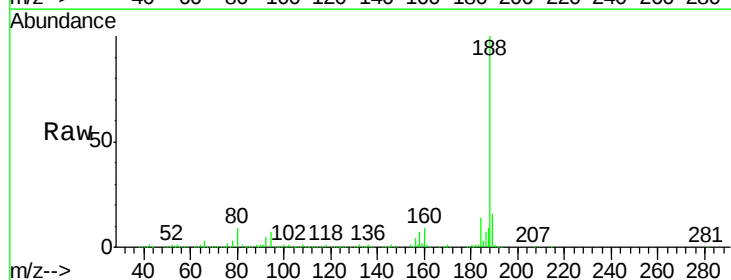
Instrument :
 BNA_G
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 PAV-B44-090320-10-20

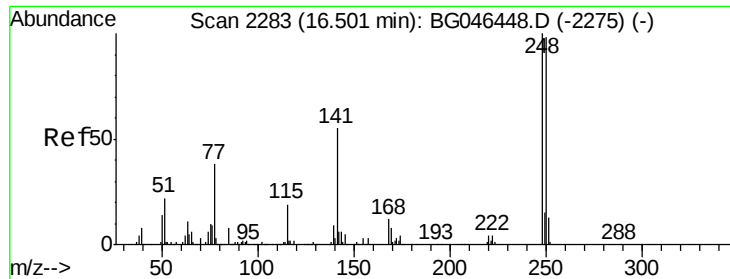
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.9	45.9	68.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG046565.D
 Acq: 8 Sep 2020 19:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.3	9.5
80	9.2	6.9	10.3

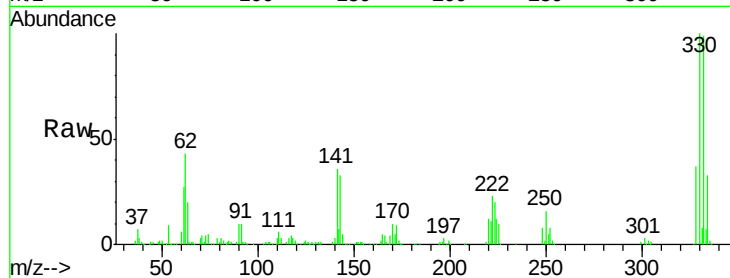




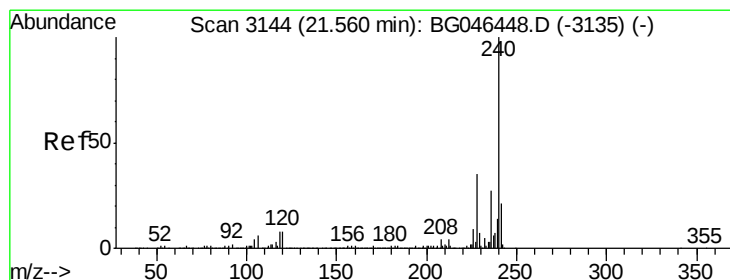
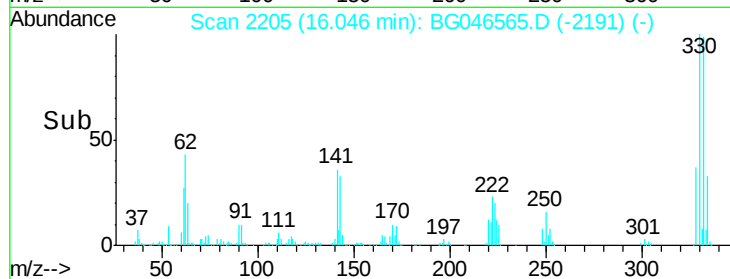
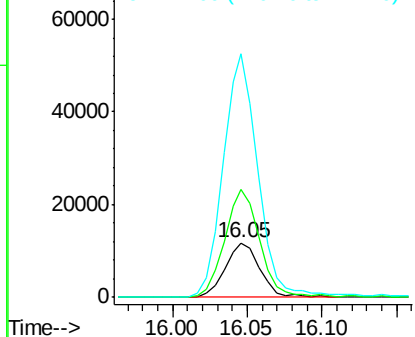
#67
 4-Bromophenyl-phenylether
 Concen: 3.253 ng
 RT: 16.05 min Scan# 2205
 Delta R.T. -0.45 min
 Lab File: BG046565.D
 Acq: 8 Sep 2020 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B44-090320-10-20

Tot Ion	Ratio	Lower	Upper
248	100		
250	198.1	78.6	118.0#
141	448.3	43.9	65.9#

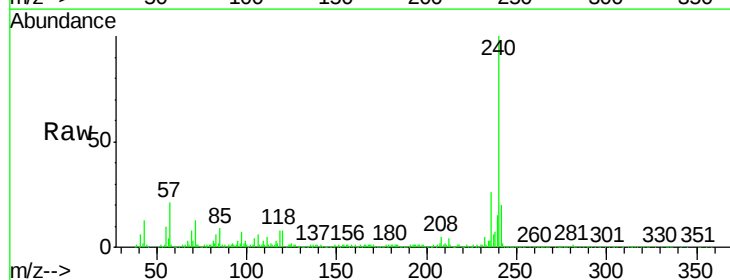


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

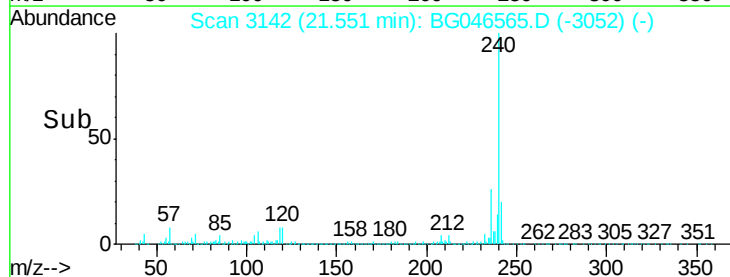
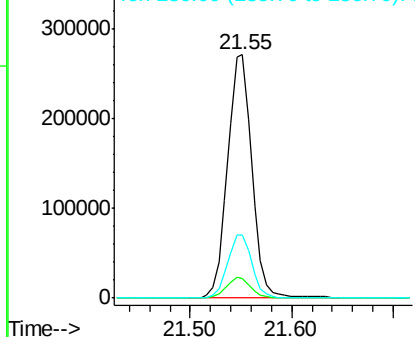


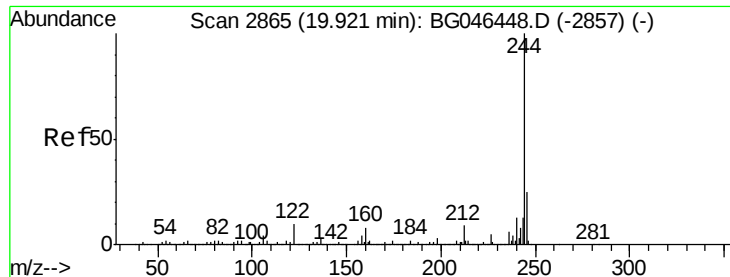
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG046565.D
 Acq: 8 Sep 2020 19:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.6	10.0
236	26.0	21.4	32.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.979 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG046565.D

Acq: 8 Sep 2020 19:56

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090320-10-20

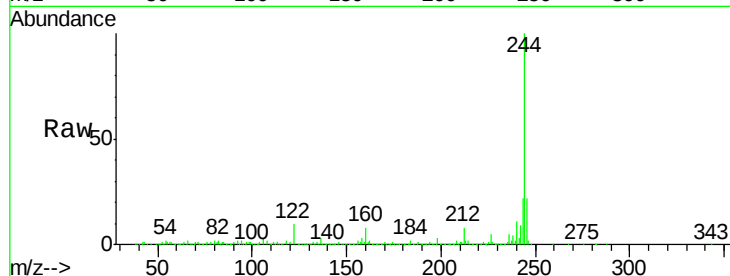
Tot Ion:244 Resp: 1293592

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

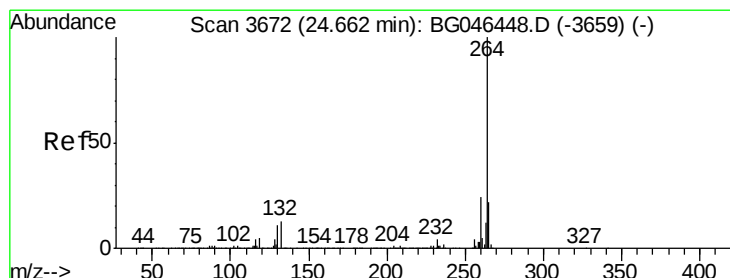
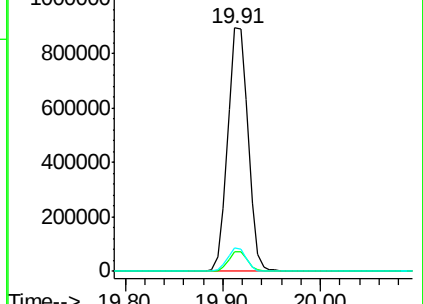
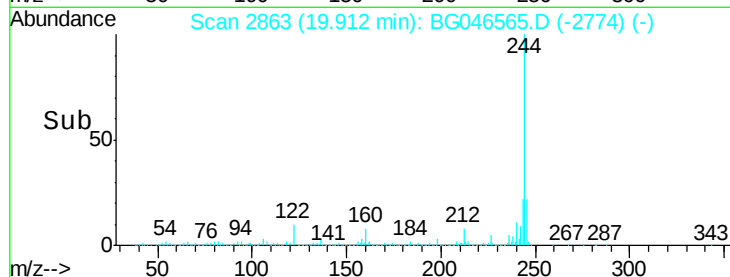
122 9.7 8.2 12.4



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# 3670

Delta R.T. -0.00 min

Lab File: BG046565.D

Acq: 8 Sep 2020 19:56

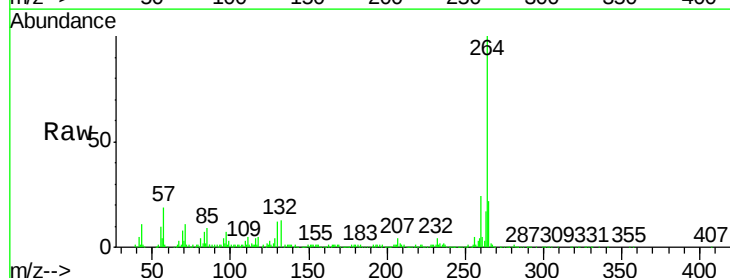
Tgt Ion:264 Resp: 450289

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.9 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

