

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046612.D
 Acq On : 14 Sep 2020 20:52
 Operator : CG/JU
 Sample : L3993-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B38-091120-10-17

Quant Time: Sep 15 01:26:49 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

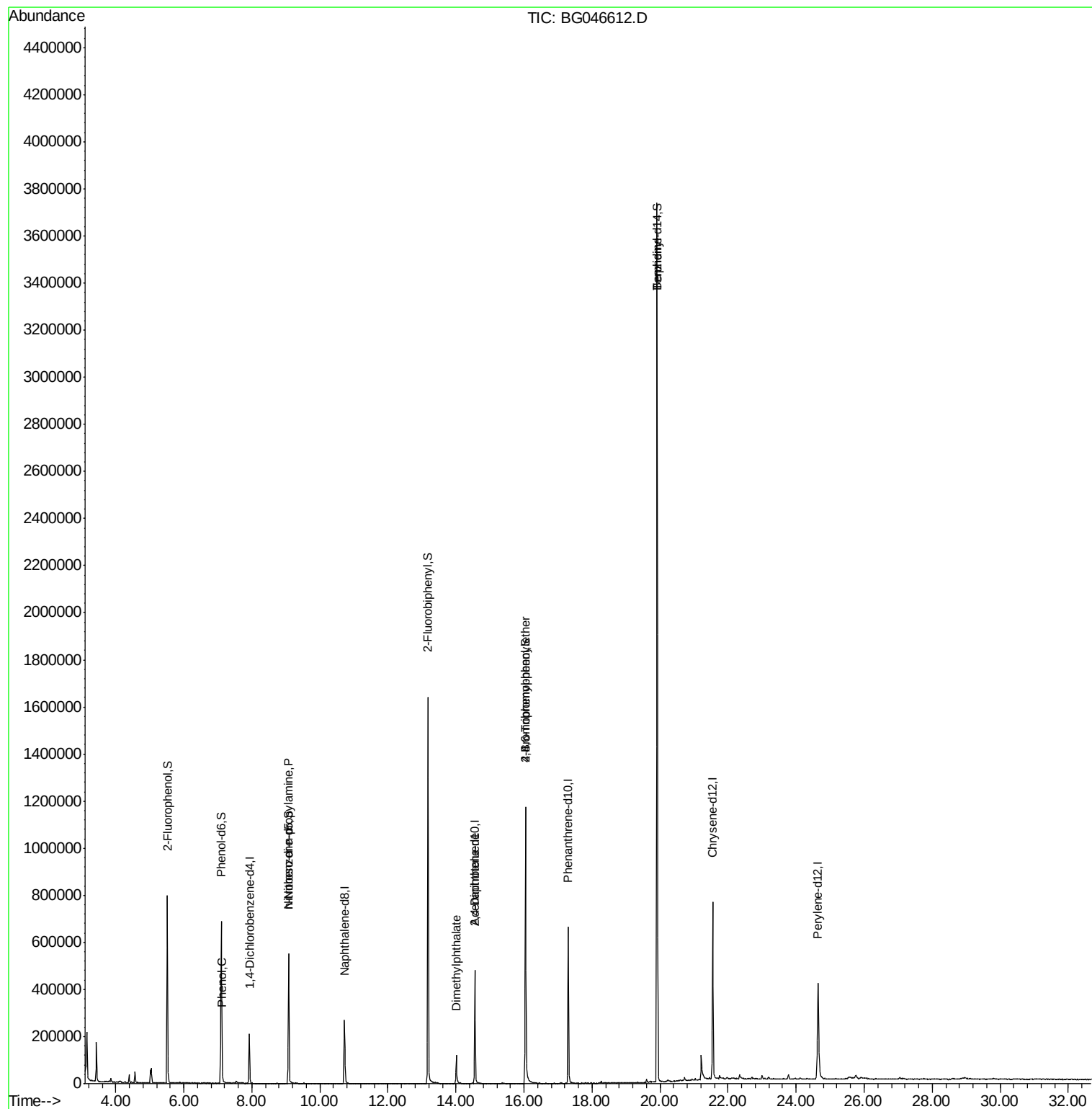
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	67936	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	260107	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	180186	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	464266	20.00	ng	0.00
76) Chrysene-d12	21.55	240	496785	20.00	ng	0.00
86) Perylene-d12	24.64	264	482461	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	378688	98.73	ng	0.00
7) Phenol-d6	7.10	99	448848	82.55	ng	0.00
23) Nitrobenzene-d5	9.08	82	367953	80.85	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	280953	115.08	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	978546	82.90	ng	0.00
79) Terphenyl-d14	19.91	244	1738610	74.48	ng	0.00
Target Compounds						
10) Phenol	7.13	94	17036	3.402	ng	88
19) n-Nitroso-di-n-propylamine	9.08	70	45841	14.094	ng	# 75
50) Dimethylphthalate	14.01	163	105202	7.547	ng	98
57) 2,4-Dinitrotoluene	14.55	165	23275	5.312	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	20802	3.841	ng	# 1
77) Benzidine	19.91	184	26225	2.272	ng	# 84

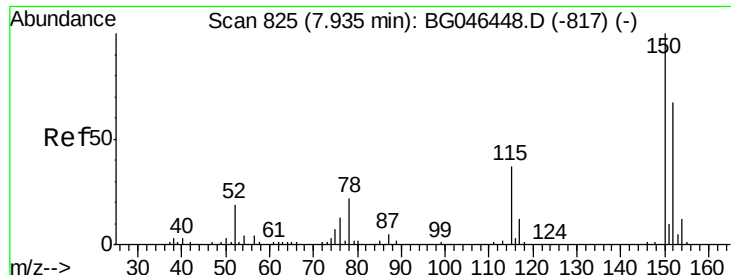
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration



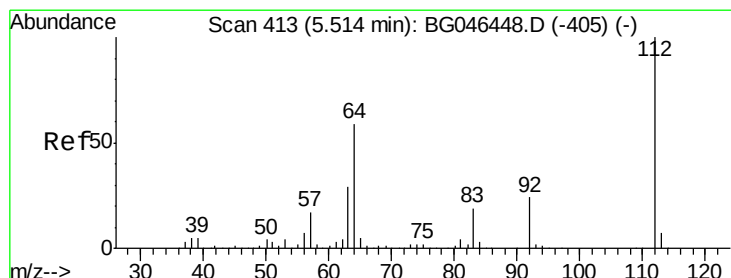
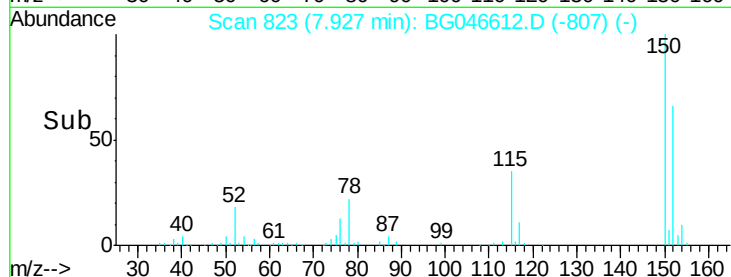
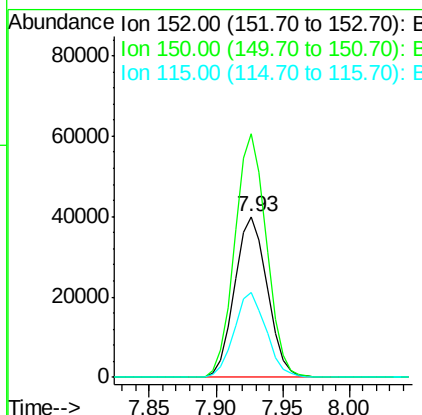
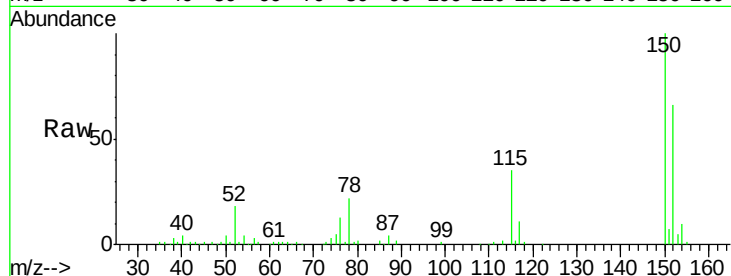


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Instrument :
BNA_G
ClientSampleId :
PAV-B38-091120-10-17

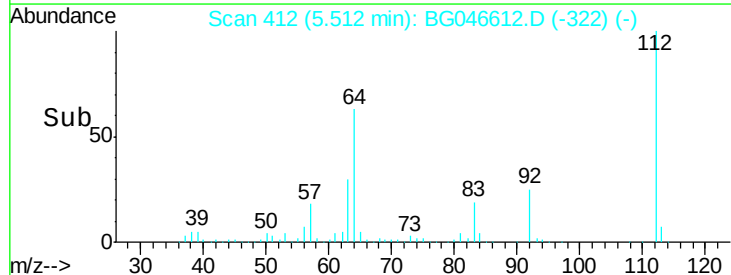
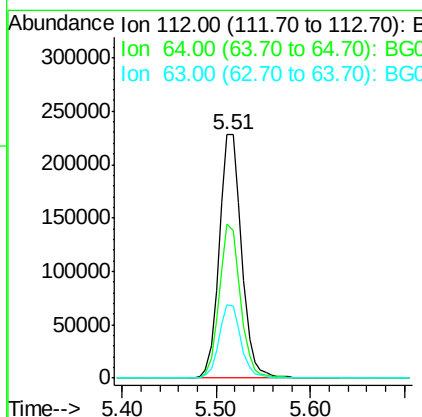
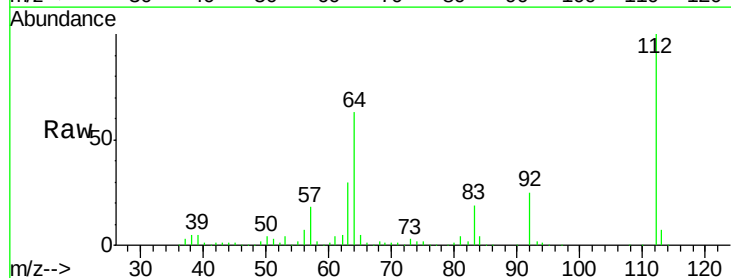
Tot Ion	152	Resp	67936
Ion Ratio	Lower	Upper	
152	100		
150	151.4	119.5	179.3
115	52.7	44.3	66.5

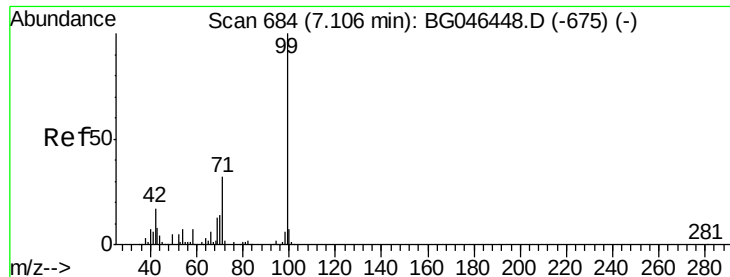


#5

2-Fluorophenol
Concen: 98.729 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Tgt Ion	112	Resp	378688
Ion Ratio	Lower	Upper	
112	100		
64	63.3	47.0	70.6
63	30.3	23.5	35.3





#7

Phenol-d6

Concen: 82.548 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG046612.D

Acq: 14 Sep 2020 20:52

Instrument :

BNA_G

ClientSampleId :

PAV-B38-091120-10-17

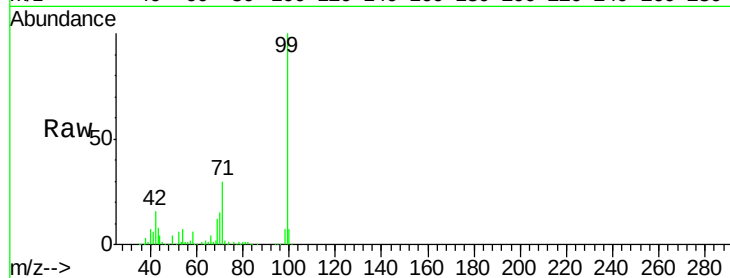
Tot Ion: 99 Resp: 448848

Ion Ratio Lower Upper

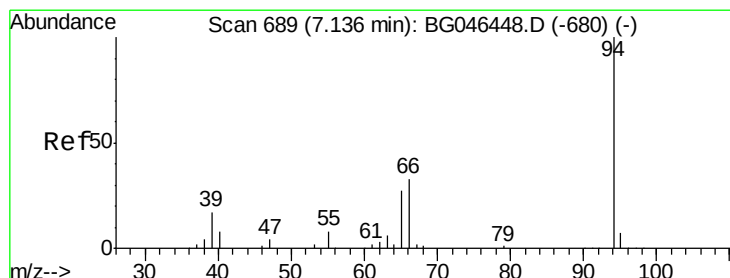
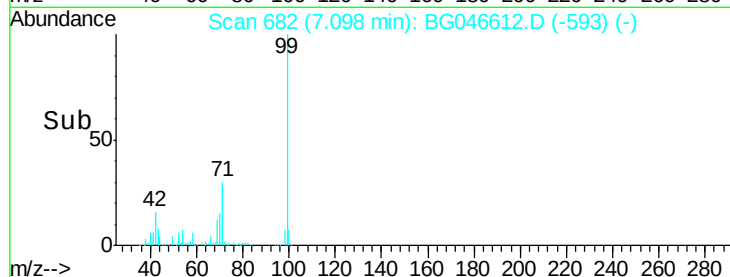
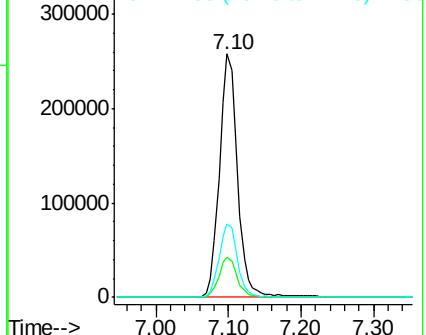
99 100

42 16.3 13.3 19.9

71 30.4 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



#10

Phenol

Concen: 3.402 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG046612.D

Acq: 14 Sep 2020 20:52

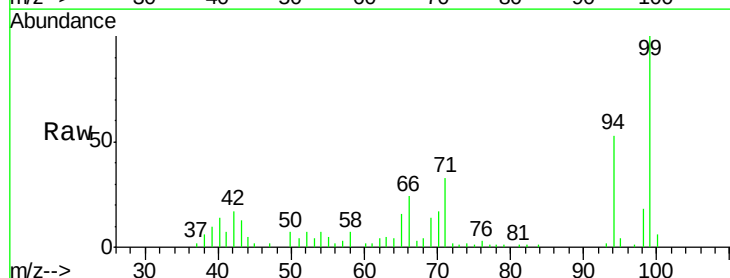
Tgt Ion: 94 Resp: 17036

Ion Ratio Lower Upper

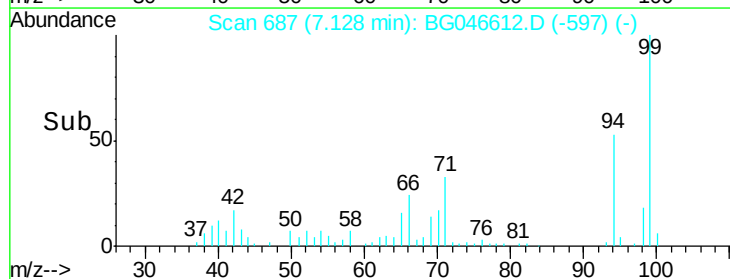
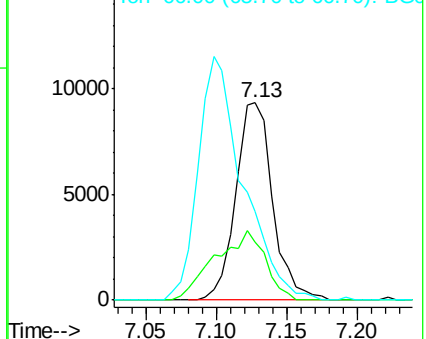
94 100

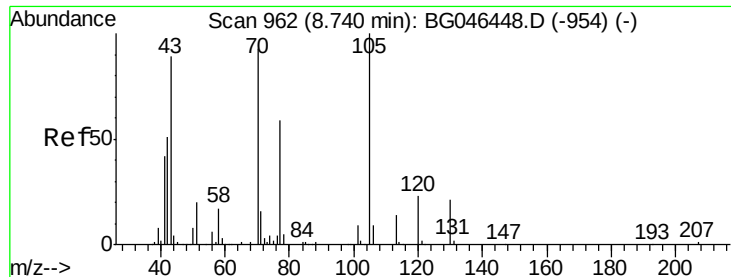
65 29.2 7.5 47.5

66 45.0 14.1 54.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

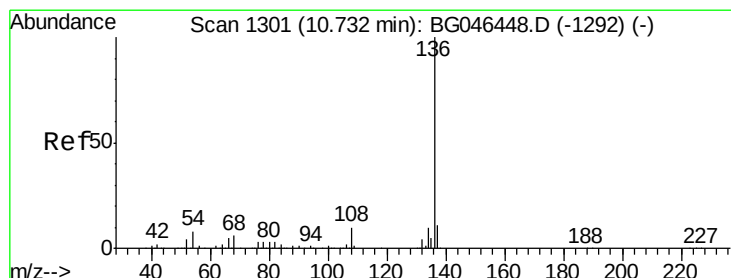
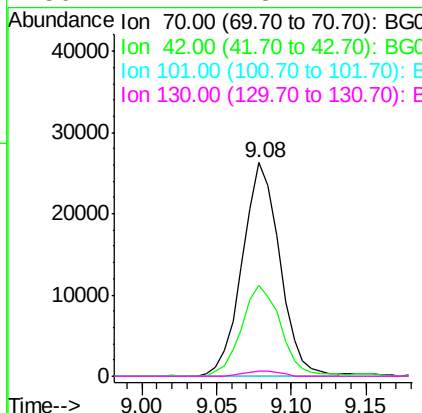
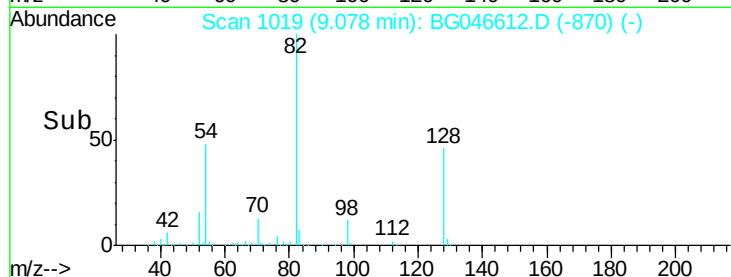
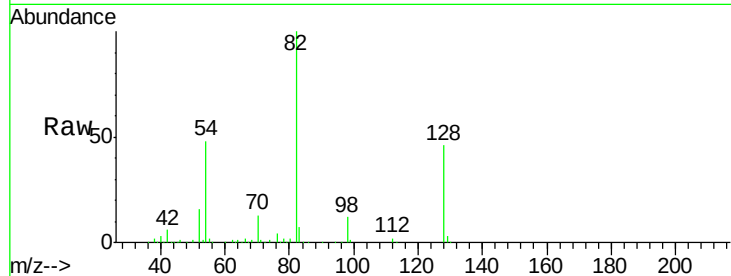




#19
n-Nitroso-di-n-propylamine
Concen: 14.094 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.34 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

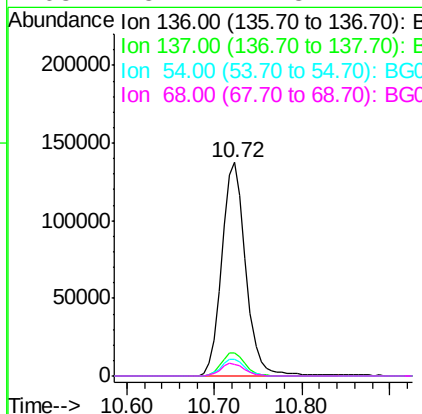
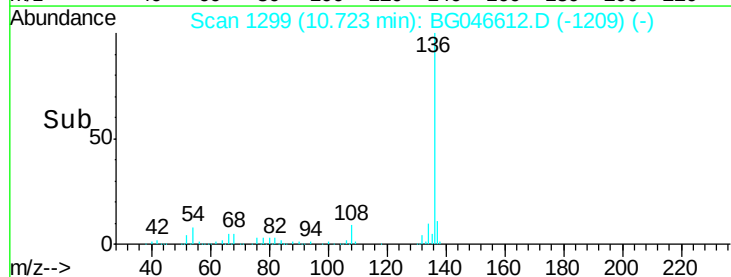
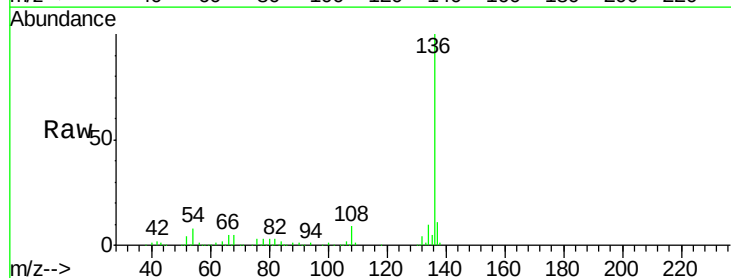
Instrument :
BNA_G
ClientSampleId :
PAV-B38-091120-10-17

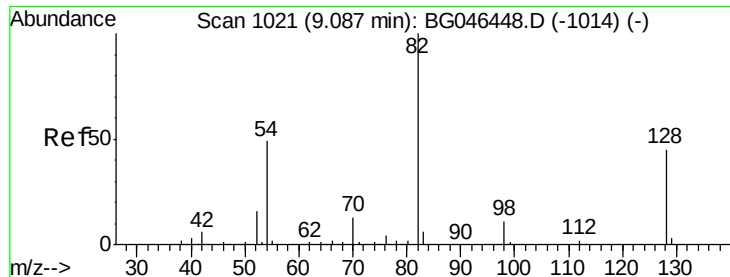
Tot Ion: 70 Resp: 45841
Ion Ratio Lower Upper
70 100
42 42.8 44.2 66.2#
101 0.0 7.8 11.8#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Tgt Ion: 136 Resp: 260107
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.9 6.1 9.1
68 5.4 4.8 7.2

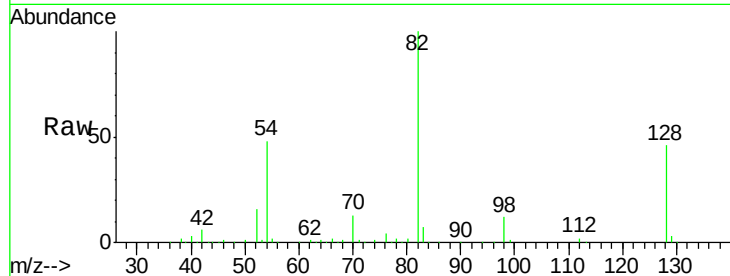




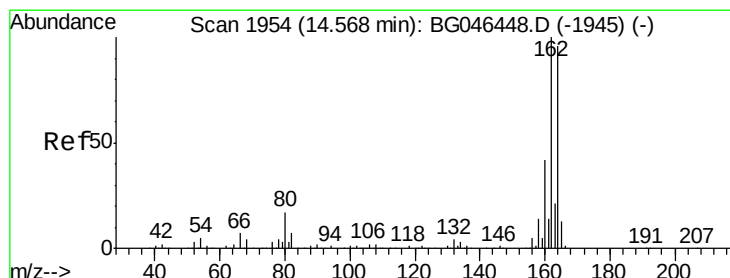
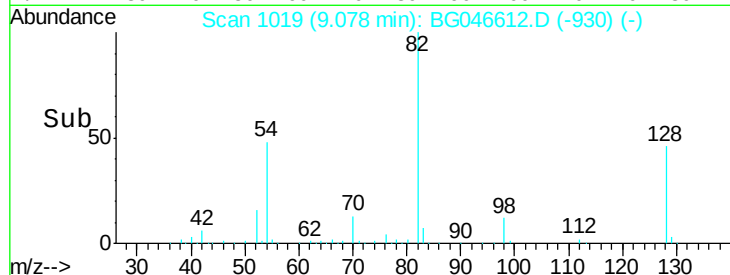
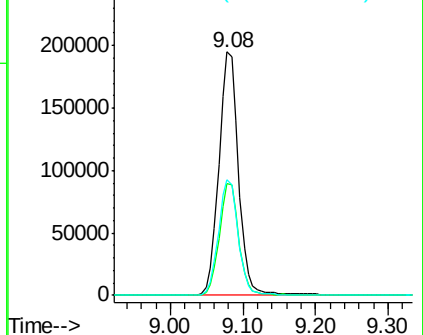
#23
 Nitrobenzene-d5
 Concen: 80.853 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG046612.D
 Acq: 14 Sep 2020 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B38-091120-10-17

Tot Ion: 82 Resp: 367953
 Ion Ratio Lower Upper
 82 100
 128 45.7 35.7 53.5
 54 47.7 39.4 59.0

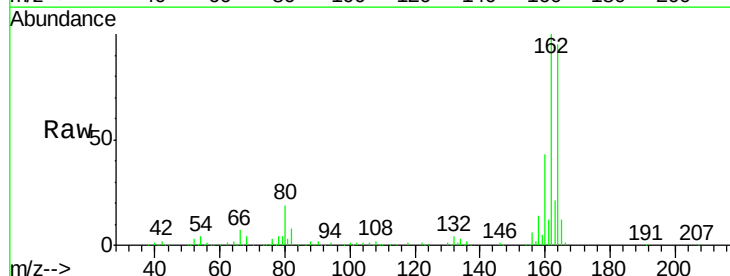


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

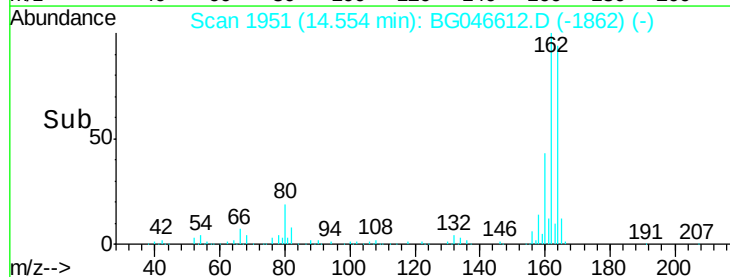
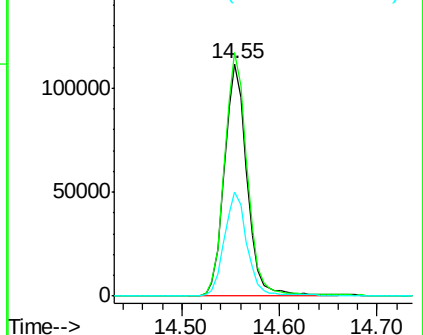


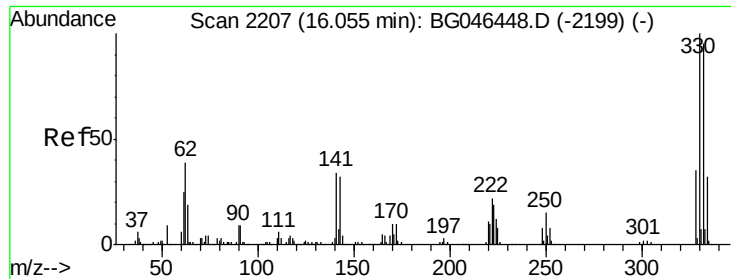
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BG046612.D
 Acq: 14 Sep 2020 20:52

Tgt Ion: 164 Resp: 180186
 Ion Ratio Lower Upper
 164 100
 162 104.9 83.3 124.9
 160 45.0 35.0 52.6



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

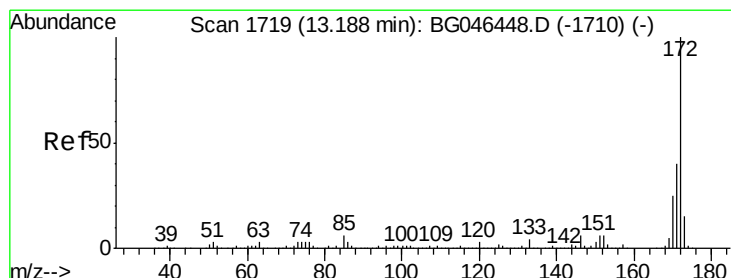
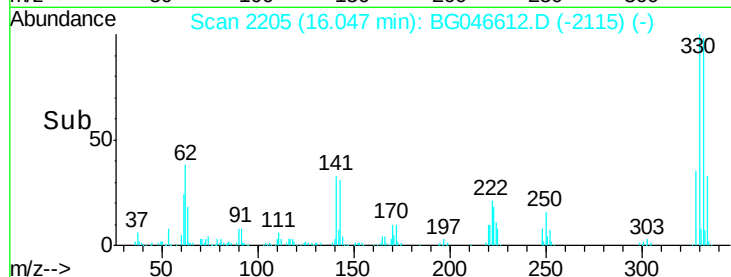
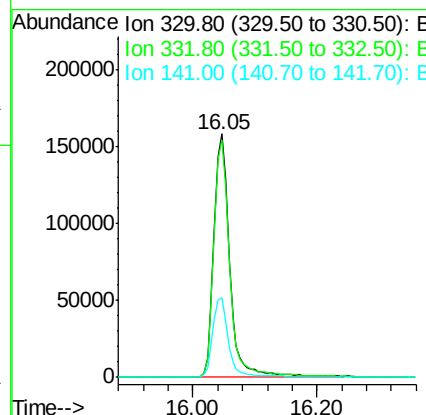
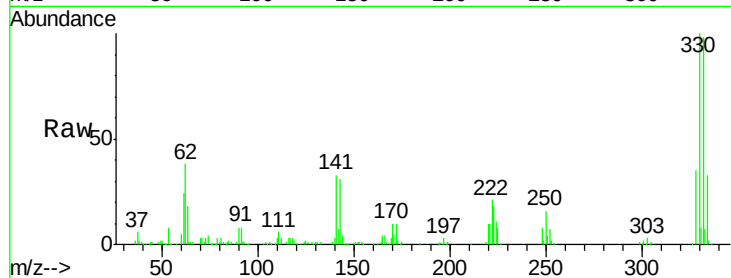




#42
 2,4,6-Tribromophenol
 Concen: 115.079 ng
 RT: 16.05 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG046612.D
 Acq: 14 Sep 2020 20:52

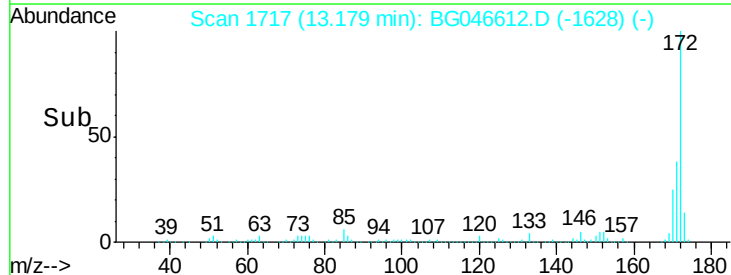
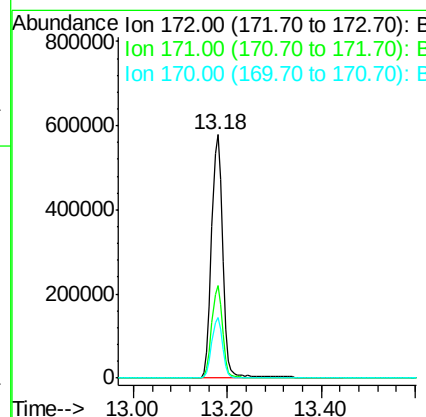
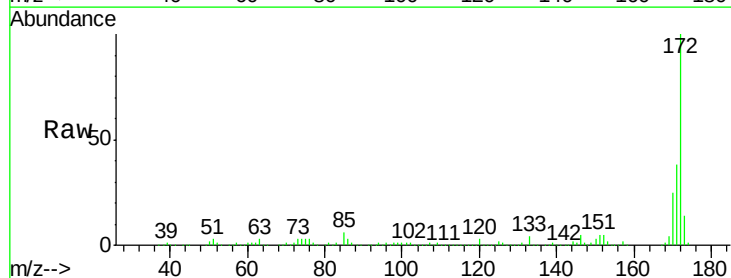
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B38-091120-10-17

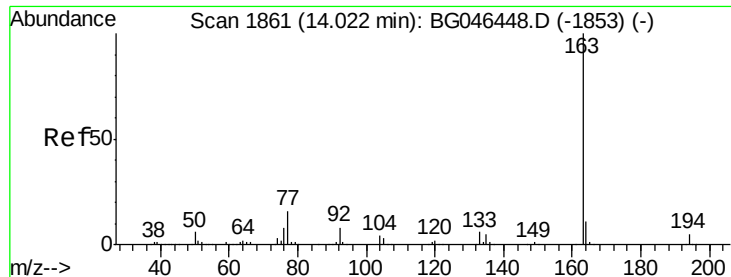
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.1	114.1
141	33.0	26.1	39.1



#45
 2-Fluorobiphenyl
 Concen: 82.904 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG046612.D
 Acq: 14 Sep 2020 20:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.8	47.6
170	24.7	20.3	30.5





#50

Dimethylphthalate

Concen: 7.547 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG046612.D

Acq: 14 Sep 2020 20:52

Instrument :

BNA_G

ClientSampleId :

PAV-B38-091120-10-17

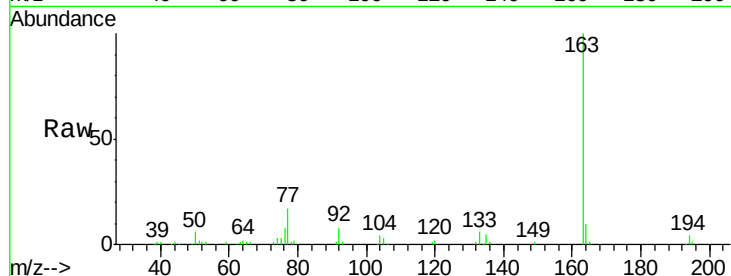
Tot Ion:163 Resp: 105202

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

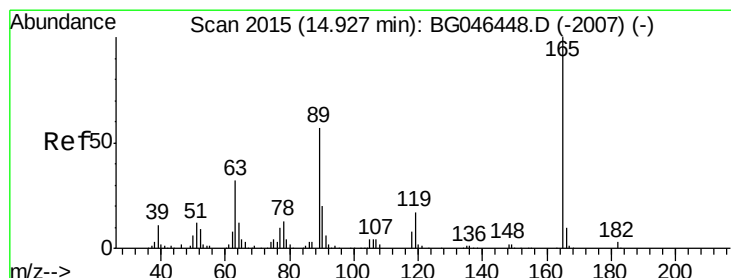
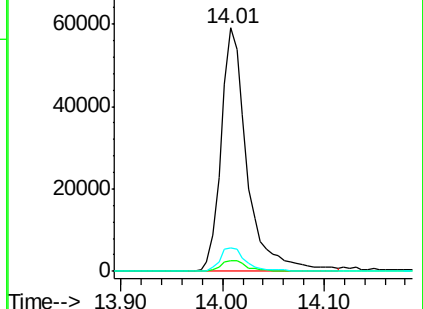
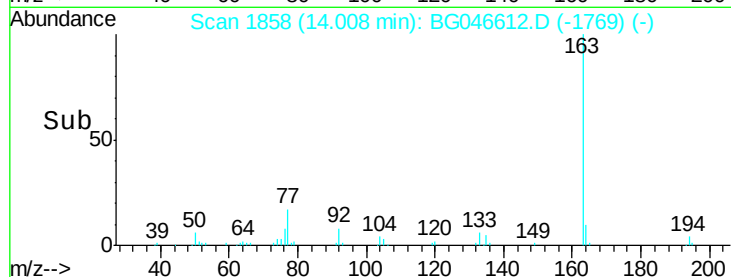
164 9.5 8.6 12.8



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: 5.312 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.37 min

Lab File: BG046612.D

Acq: 14 Sep 2020 20:52

Tgt Ion:165 Resp: 23275

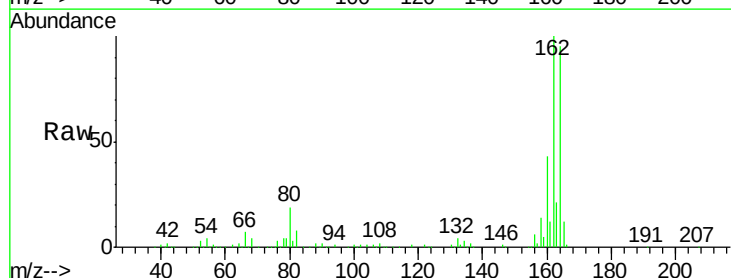
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 1.1 45.9 68.9#

182 0.0 2.3 3.5#

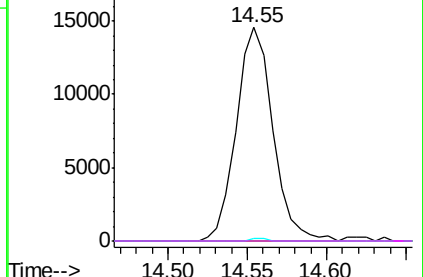
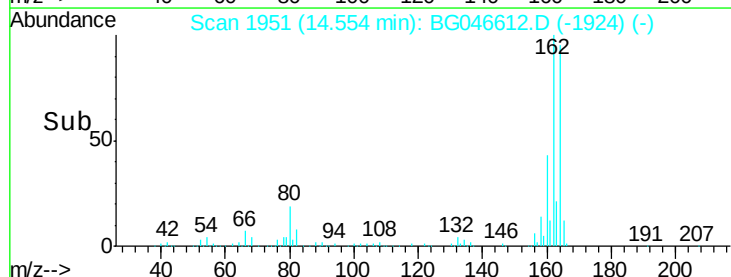


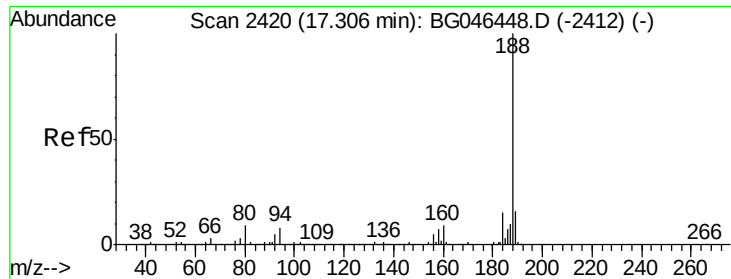
Abundance Ion 165.00 (164.70 to 165.70): E

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# 2418

Delta R.T. -0.01 min

Lab File: BG046612.D

Acq: 14 Sep 2020 20:52

Instrument :

BNA_G

ClientSampleId :

PAV-B38-091120-10-17

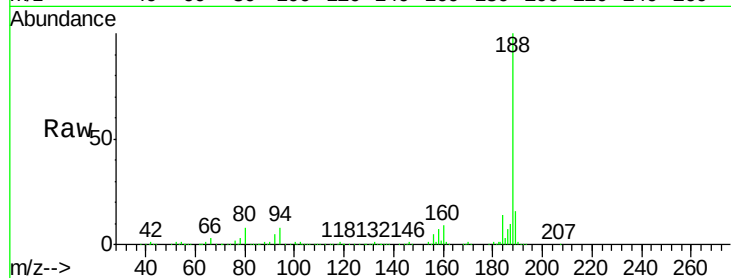
Tot Ion:188 Resp: 464266

Ion Ratio Lower Upper

188 100

94 7.6 6.3 9.5

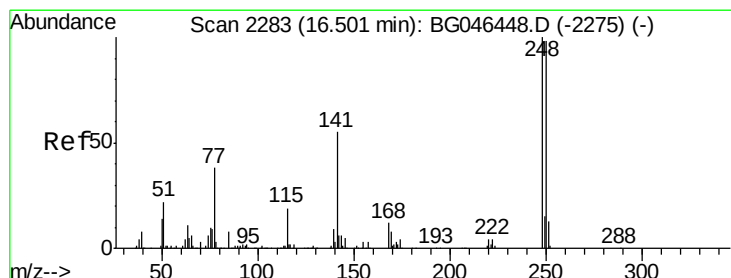
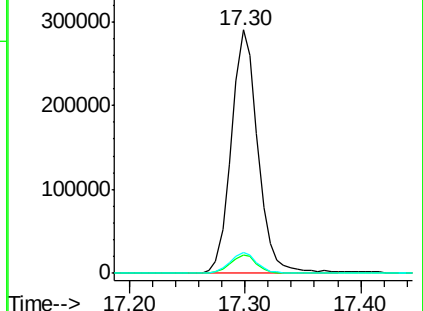
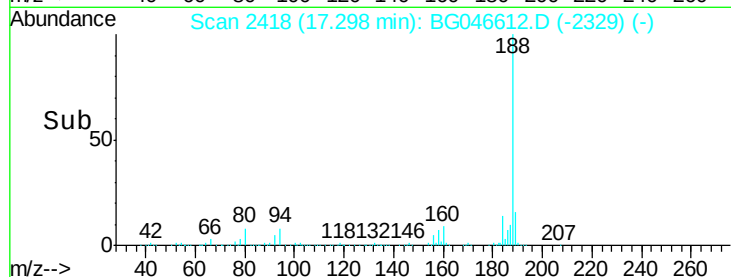
80 8.4 6.9 10.3



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: 3.841 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.45 min

Lab File: BG046612.D

Acq: 14 Sep 2020 20:52

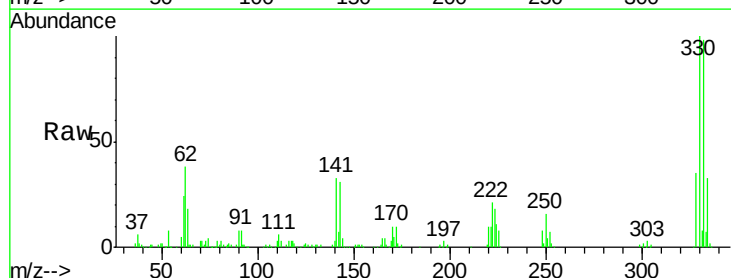
Tgt Ion:248 Resp: 20802

Ion Ratio Lower Upper

248 100

250 192.5 78.6 118.0#

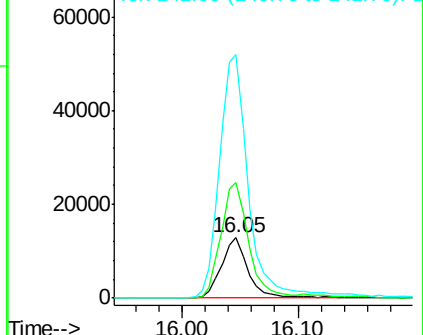
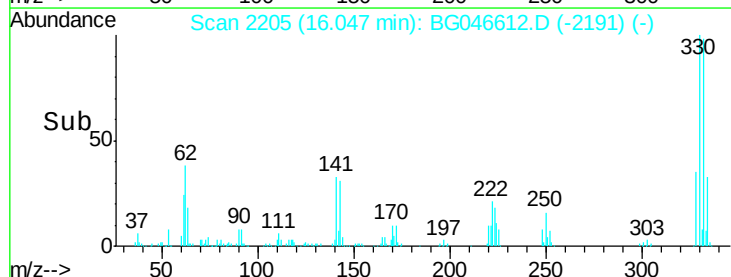
141 404.6 43.9 65.9#

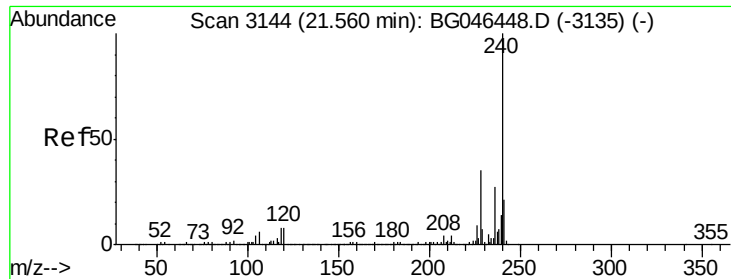


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

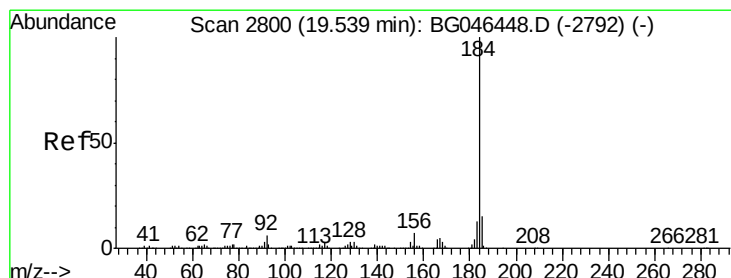
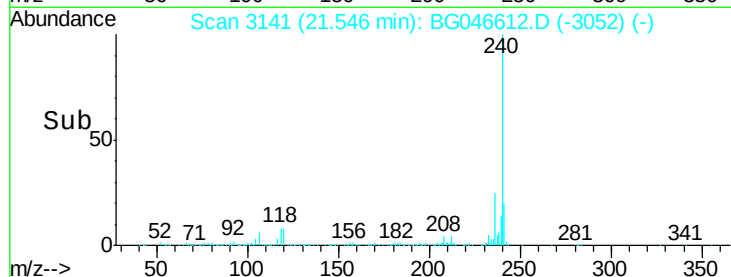
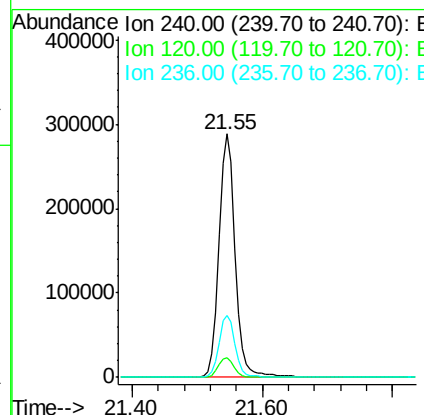
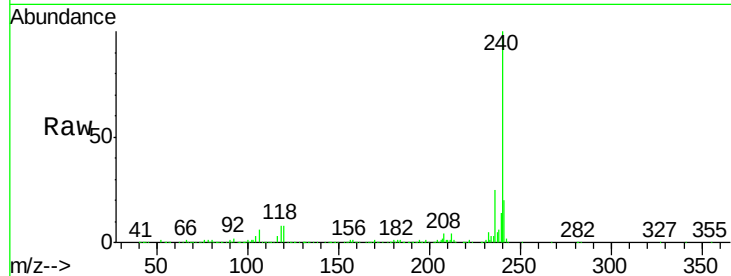




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

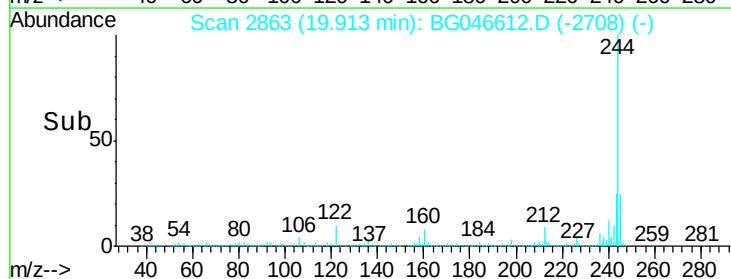
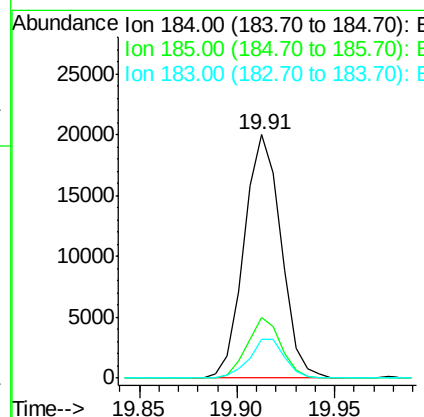
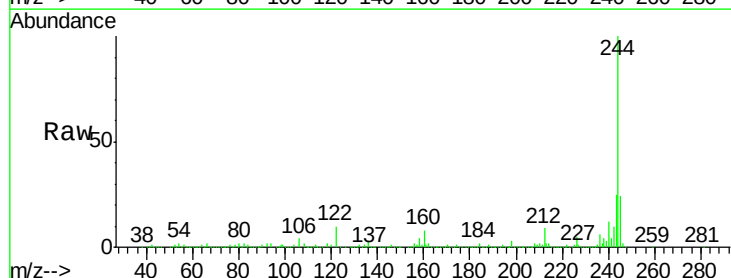
Instrument :
BNA_G
ClientSampleId :
PAV-B38-091120-10-17

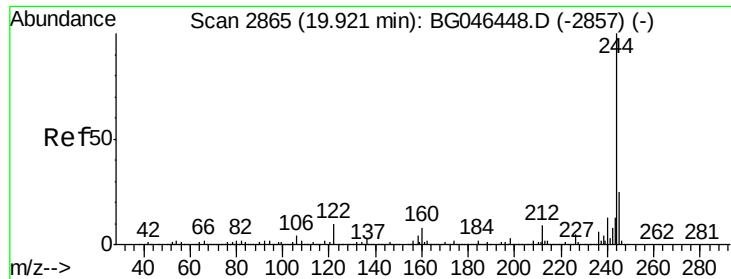
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.6	10.0
236	25.4	21.4	32.2



#77
Benzidine
Concen: 2.272 ng
RT: 19.91 min Scan# 2863
Delta R.T. 0.38 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Tgt Ion	Ratio	Lower	Upper
184	100		
185	24.7	11.8	17.8#
183	16.0	10.7	16.1





#79

Terphenyl-d14

Concen: 74.480 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG046612.D

Acq: 14 Sep 2020 20:52

Instrument :

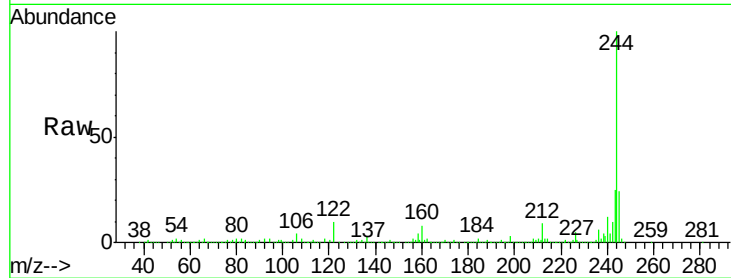
BNA_G

ClientSampleId :

PAV-B38-091120-10-17

Tot Ion:244 Resp: 1738610

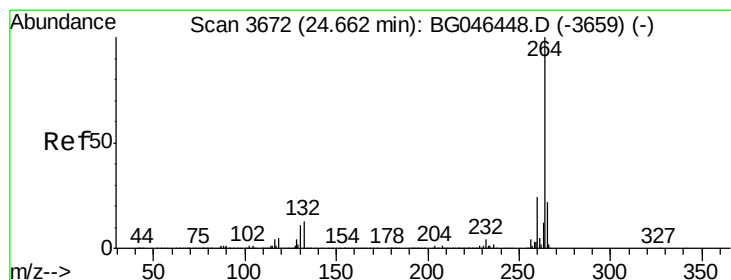
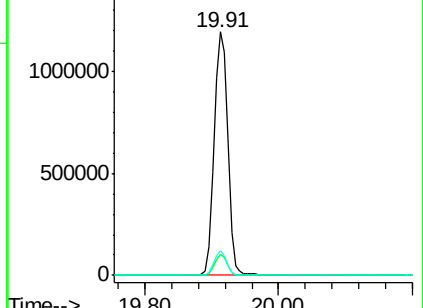
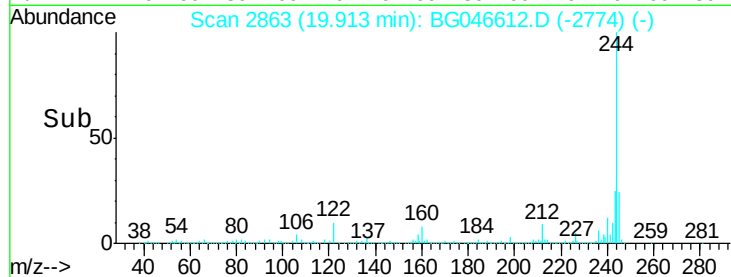
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	10.0	8.2	12.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3668

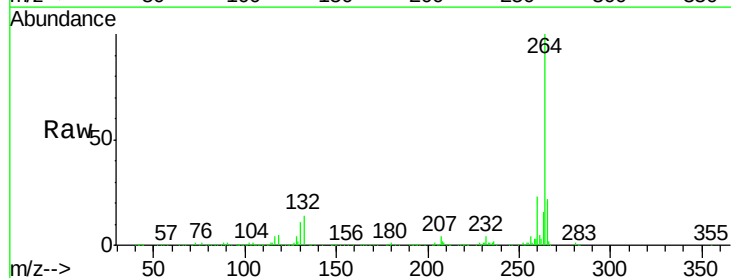
Delta R.T. -0.01 min

Lab File: BG046612.D

Acq: 14 Sep 2020 20:52

Tgt Ion:264 Resp: 482461

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.4	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

