

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
 Data File : BG046624.D
 Acq On : 15 Sep 2020 14:47
 Operator : CG/JU
 Sample : L4006-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CON-1

Quant Time: Sep 15 15:33:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 13:09:36 2020
 Response via : Initial Calibration

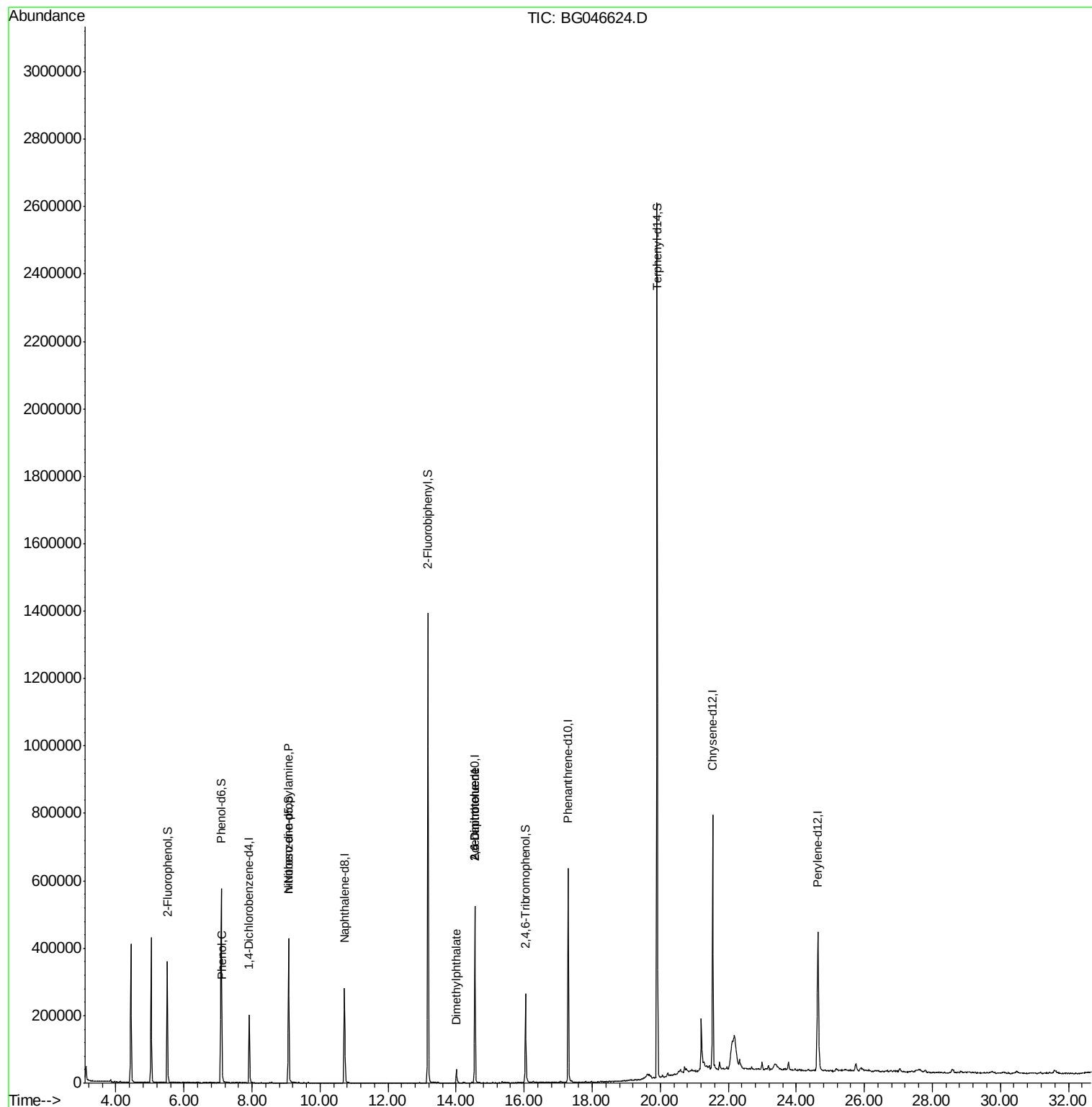
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	65125	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	280888	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	199630	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	441612	20.00	ng	0.00
76) Chrysene-d12	21.54	240	462382	20.00	ng	0.00
86) Perylene-d12	24.64	264	452764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	172265	46.85	ng	0.00
7) Phenol-d6	7.09	99	379207	72.75	ng	0.00
23) Nitrobenzene-d5	9.07	82	283533	57.69	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	66271	24.50	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	812845	62.16	ng	0.00
79) Terphenyl-d14	19.91	244	1186747	54.62	ng	0.00
Target Compounds						
10) Phenol	7.12	94	10126	2.109	ng	81
19) n-Nitroso-di-n-propylamine	9.07	70	35116	11.263	ng	# 75
50) Dimethylphthalate	14.01	163	38938	2.521	ng	# 98
51) 2,6-Dinitrotoluene	14.55	165	26273	7.717	ng	# 34
57) 2,4-Dinitrotoluene	14.55	165	26273	5.412	ng	# 34

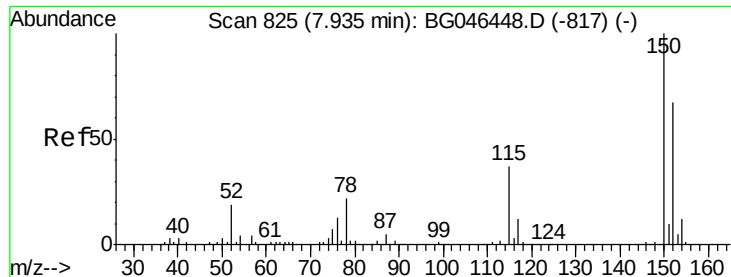
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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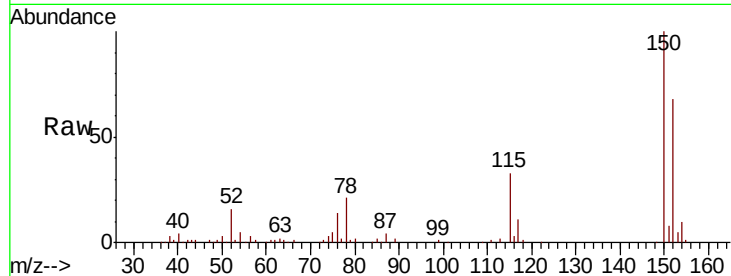


#1

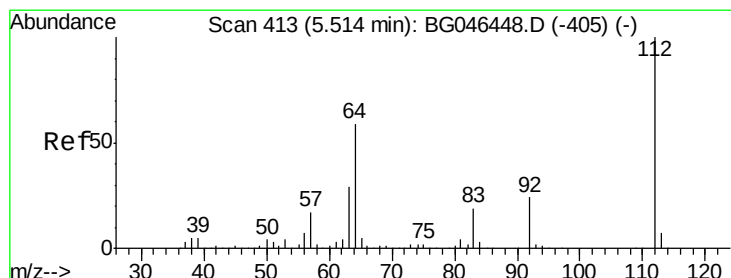
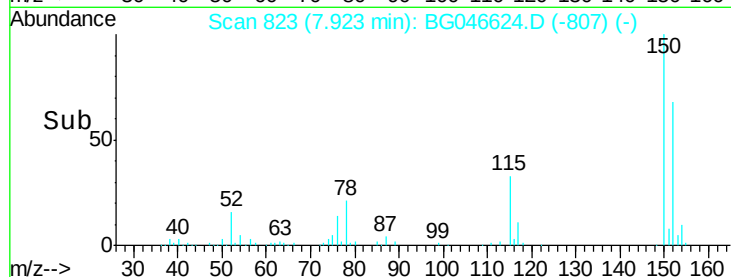
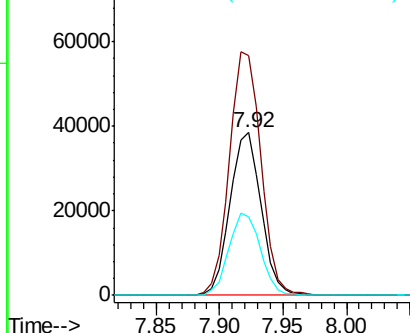
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG046624.D
 Acq: 15 Sep 2020 14:47

Instrument :
 BNA_G
 ClientSampleId :
 CON-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	119.5	179.3
115	48.1	44.3	66.5



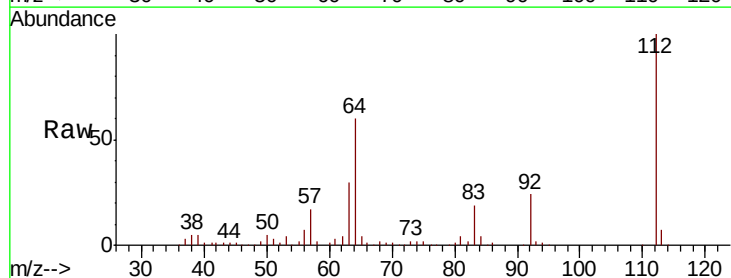
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



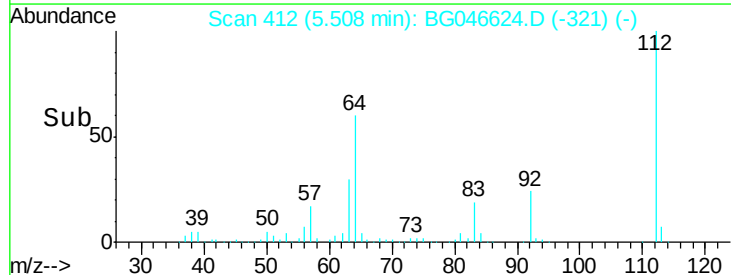
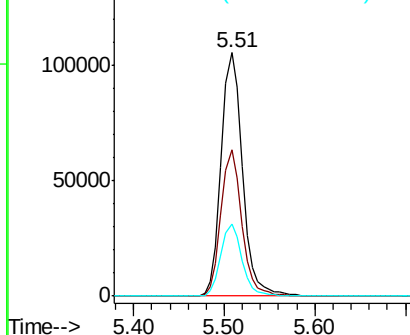
#5

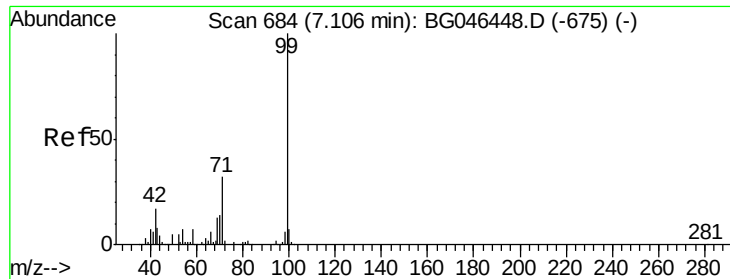
2-Fluorophenol
 Concen: 46.850 ng
 RT: 5.51 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BG046624.D
 Acq: 15 Sep 2020 14:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	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): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 72.751 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046624.D

Acq: 15 Sep 2020 14:47

Instrument :

BNA_G

ClientSampled :

CON-1

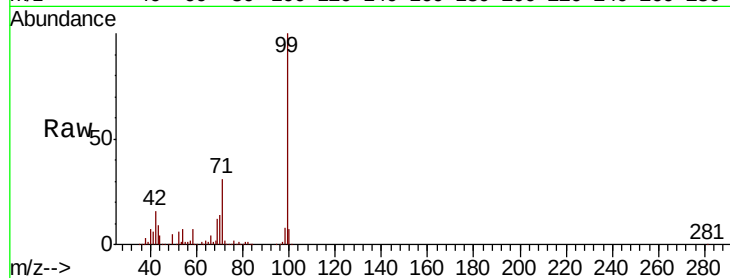
Tot Ion: 99 Resp: 379207

Ion Ratio Lower Upper

99 100

42 16.3 13.3 19.9

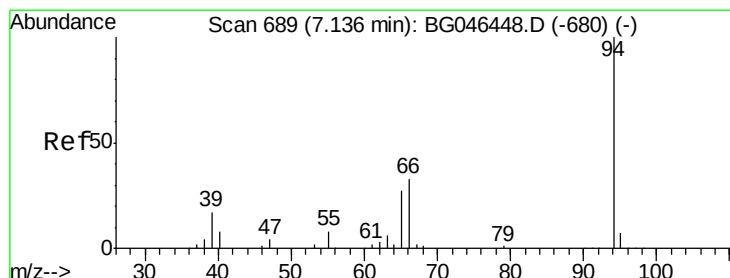
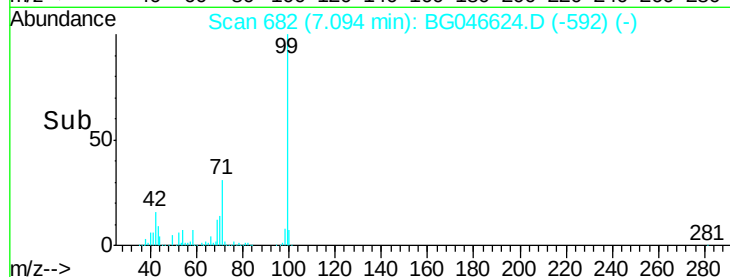
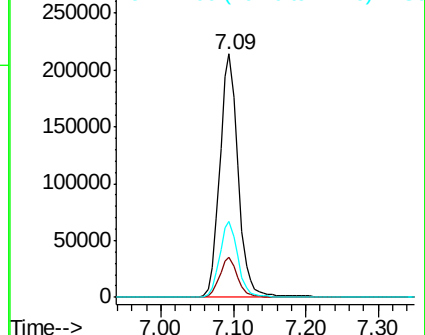
71 31.1 25.3 37.9



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



#10

Phenol

Concen: 2.109 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046624.D

Acq: 15 Sep 2020 14:47

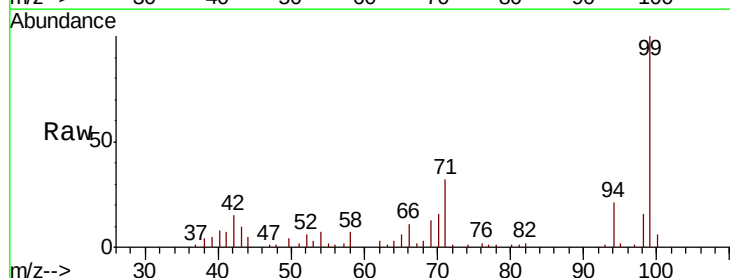
Tgt Ion: 94 Resp: 10126

Ion Ratio Lower Upper

94 100

65 30.4 7.5 47.5

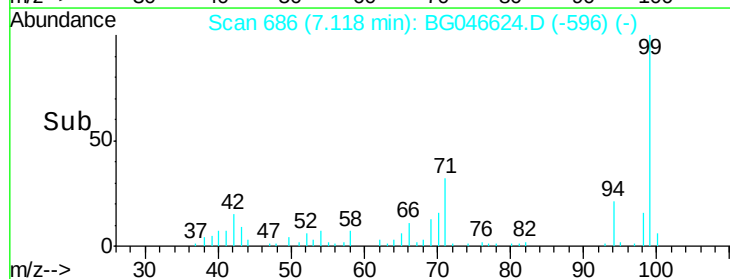
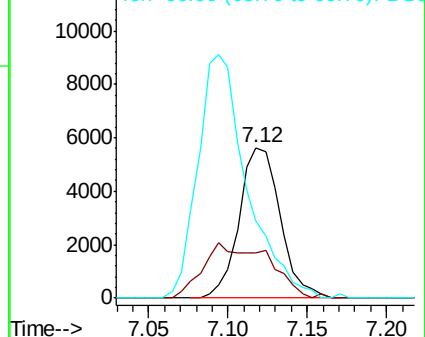
66 51.6 14.1 54.1

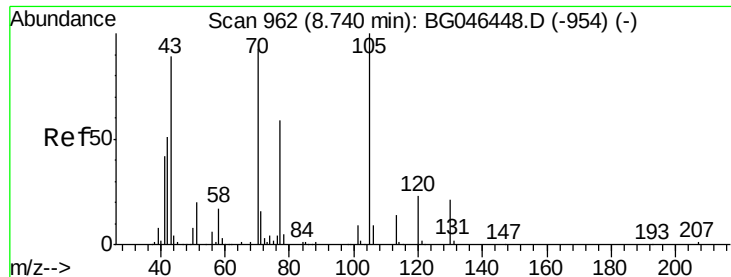


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

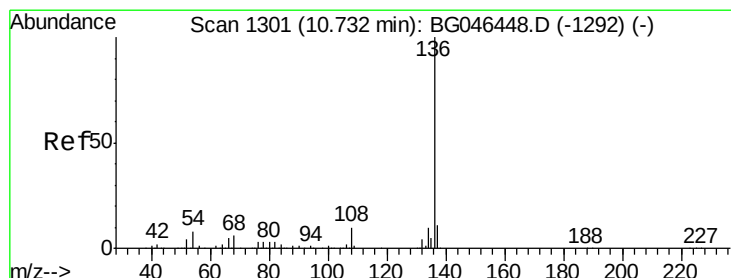
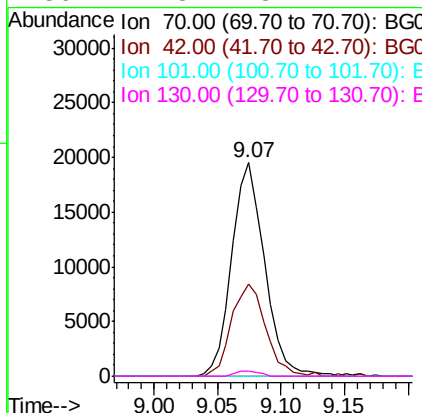
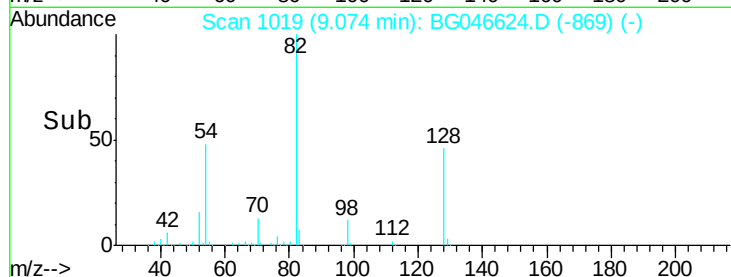
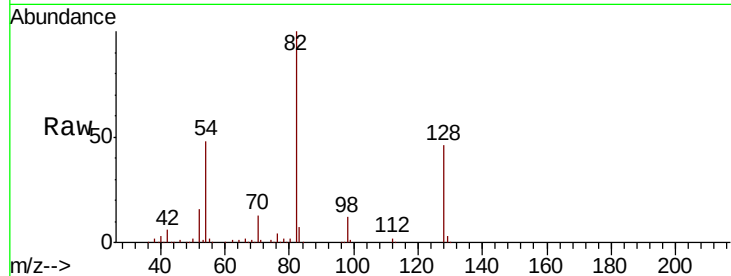




#19
n-Nitroso-di-n-propylamine
Concen: 11.263 ng
RT: 9.07 min Scan# 1019
Delta R.T. 0.35 min
Lab File: BG046624.D
Acq: 15 Sep 2020 14:47

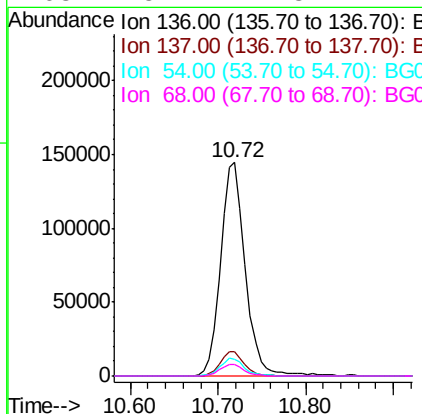
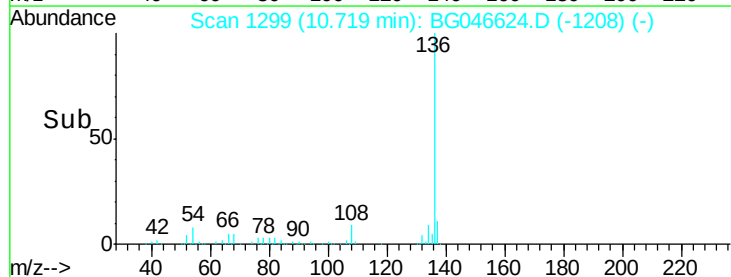
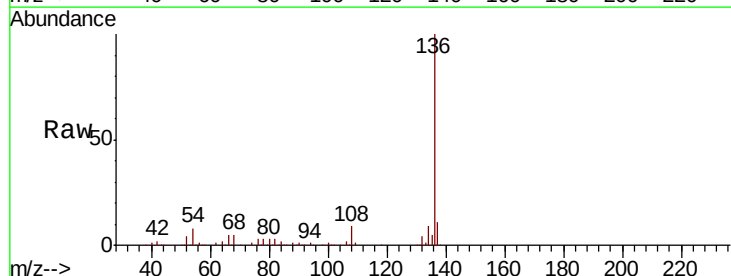
Instrument :
BNA_G
ClientSampleId :
CON-1

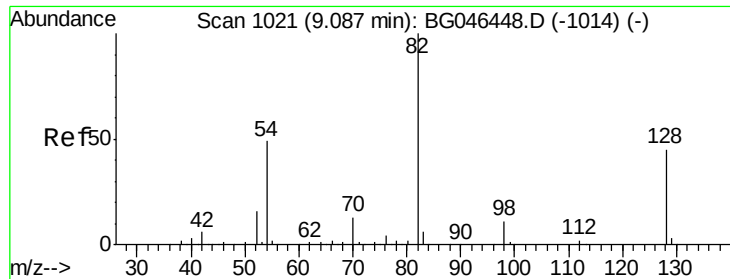
Tot Ion: 70 Resp: 35116
Ion Ratio Lower Upper
70 100
42 42.9 44.2 66.2#
101 0.0 7.8 11.8#
130 2.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG046624.D
Acq: 15 Sep 2020 14:47

Tgt Ion: 136 Resp: 280888
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 6.1 9.1
68 5.4 4.8 7.2

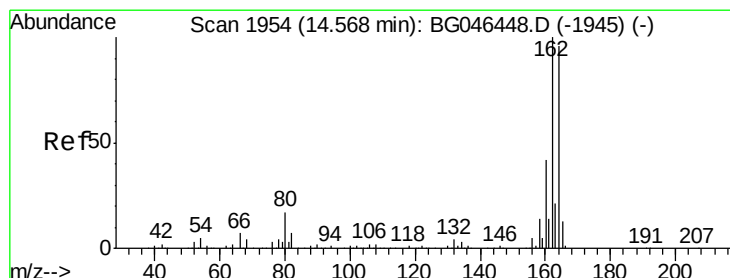
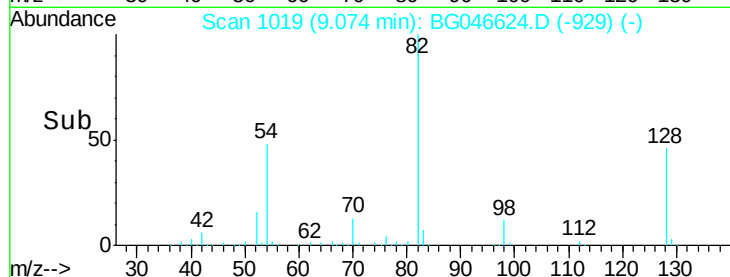
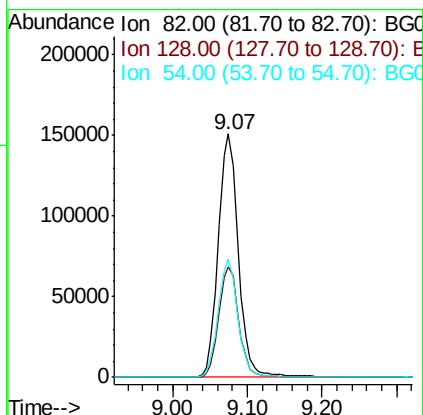
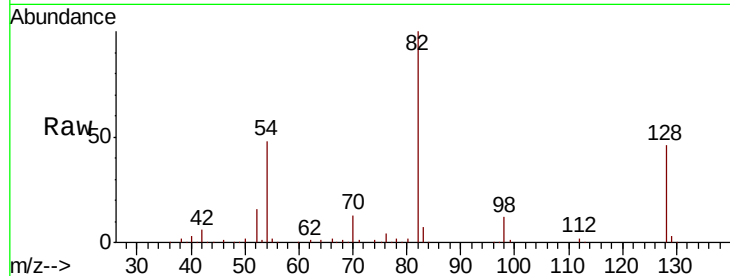




#23
 Nitrobenzene-d5
 Concen: 57.693 ng
 RT: 9.07 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG046624.D
 Acq: 15 Sep 2020 14:47

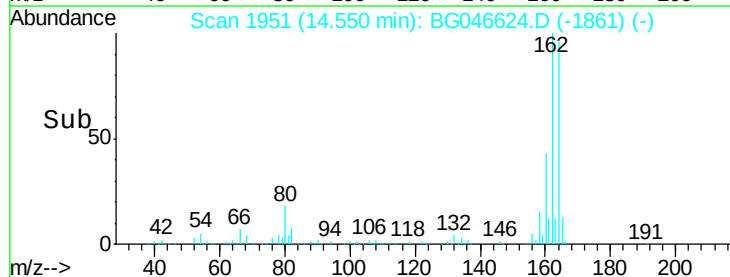
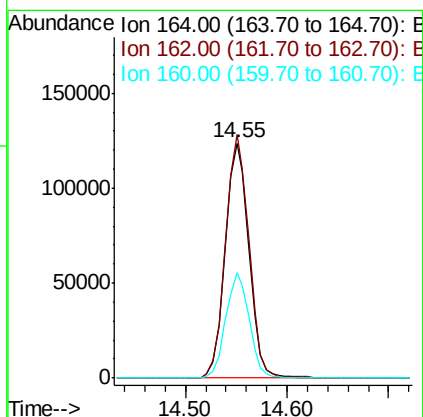
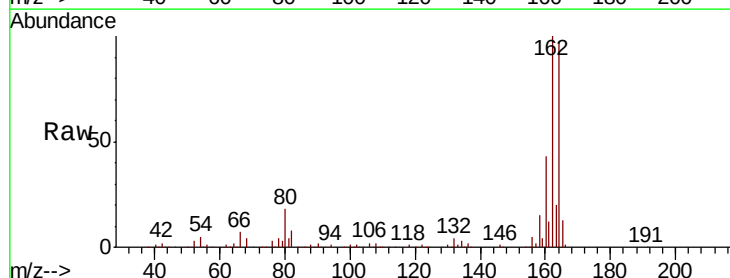
Instrument :
 BNA_G
 ClientSampled :
 CON-1

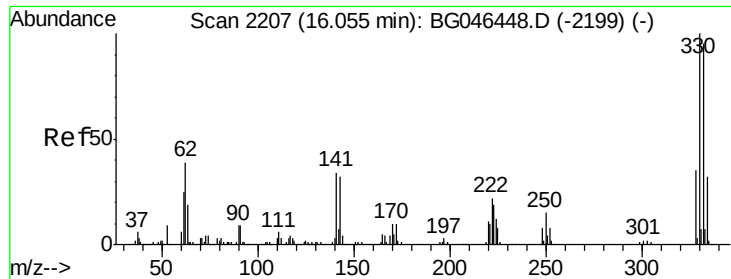
Tot Ion: 82 Resp: 283533
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.7 53.5
 54 48.5 39.4 59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG046624.D
 Acq: 15 Sep 2020 14:47

Tgt Ion: 164 Resp: 199630
 Ion Ratio Lower Upper
 164 100
 162 103.5 83.3 124.9
 160 44.6 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 24.501 ng

RT: 16.04 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG046624.D

Acq: 15 Sep 2020 14:47

Instrument :

BNA_G

ClientSampleId :

CON-1

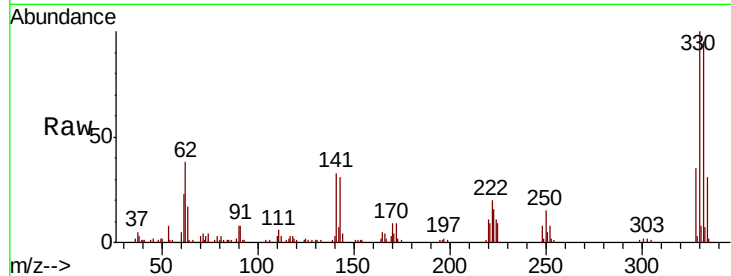
Tot Ion:330 Resp: 66271

Ion Ratio Lower Upper

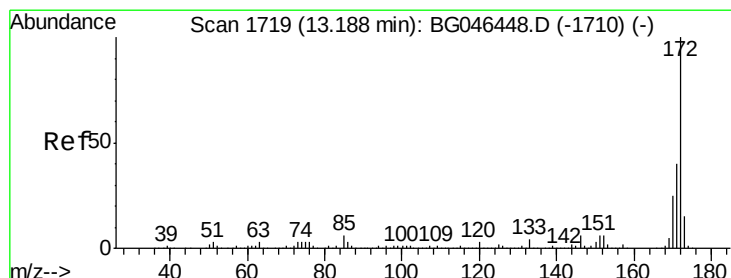
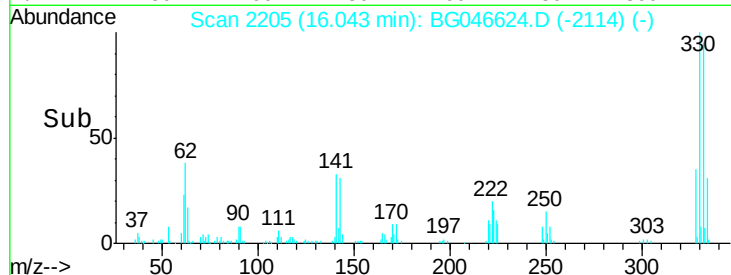
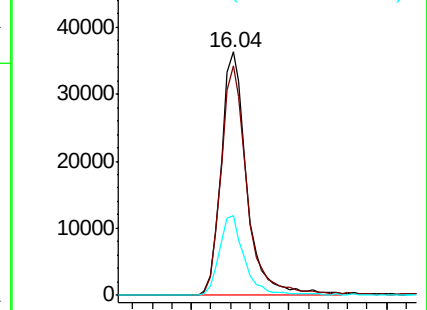
330 100

332 96.2 76.1 114.1

141 32.2 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: 62.158 ng

RT: 13.17 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BG046624.D

Acq: 15 Sep 2020 14:47

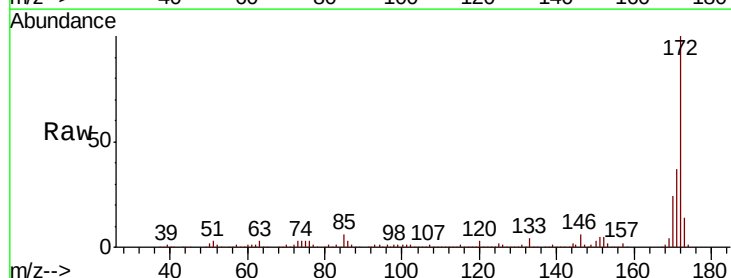
Tgt Ion:172 Resp: 812845

Ion Ratio Lower Upper

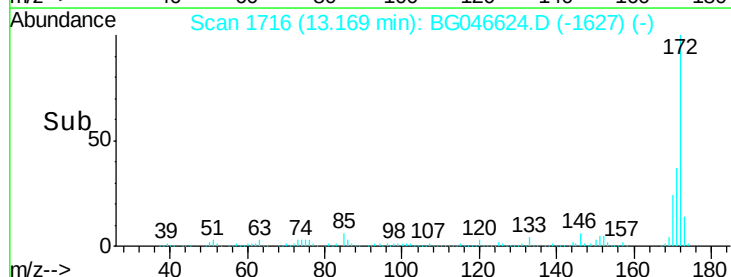
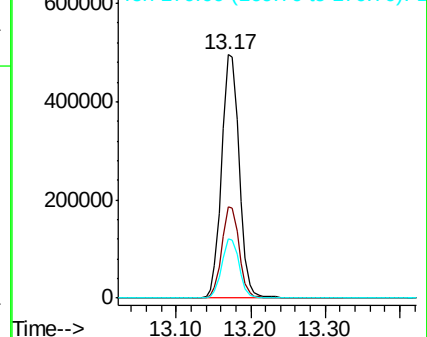
172 100

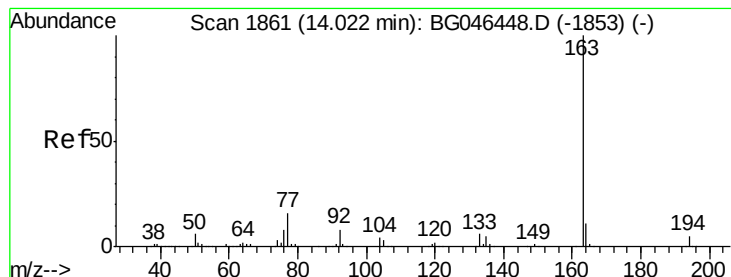
171 37.4 31.8 47.6

170 24.2 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: 2.521 ng

RT: 14.01 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BG046624.D

Acq: 15 Sep 2020 14:47

Instrument :

BNA_G

ClientSampled :

CON-1

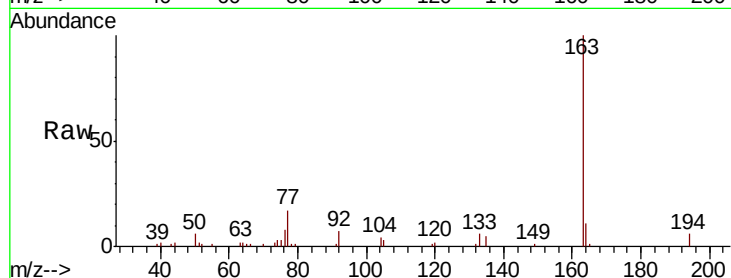
Tot Ion:163 Resp: 38938

Ion Ratio Lower Upper

163 100

194 6.1 3.7 5.5#

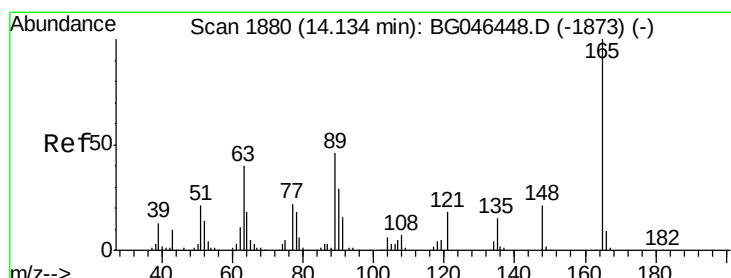
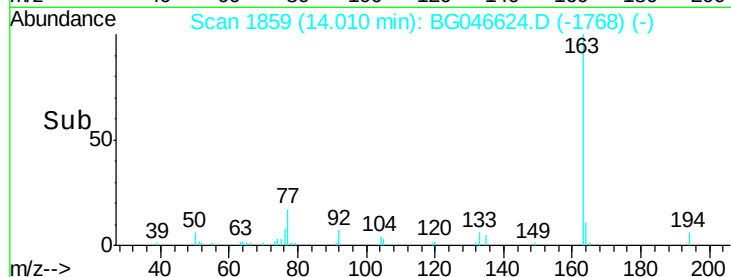
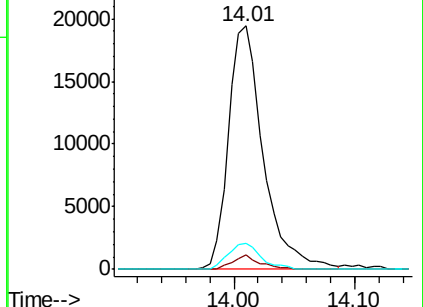
164 10.9 8.6 12.8



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



#51

2,6-Dinitrotoluene

Concen: 7.717 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.43 min

Lab File: BG046624.D

Acq: 15 Sep 2020 14:47

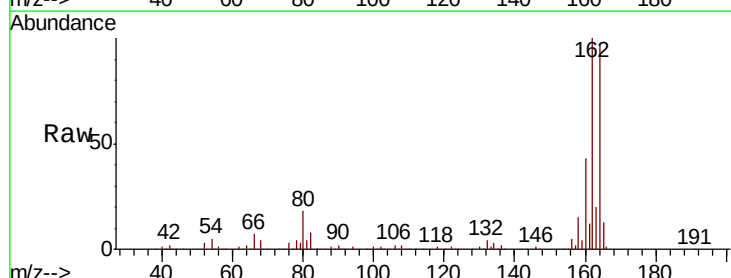
Tgt Ion:165 Resp: 26273

Ion Ratio Lower Upper

165 100

63 1.2 34.2 51.4#

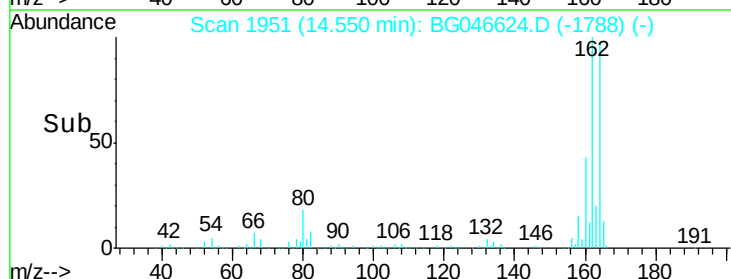
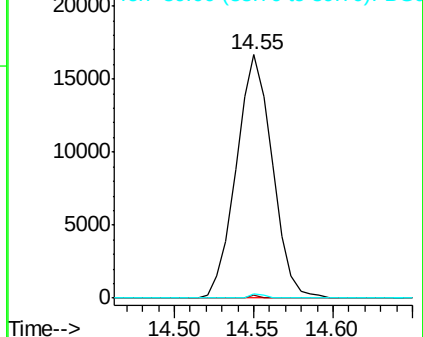
89 1.9 37.0 55.4#

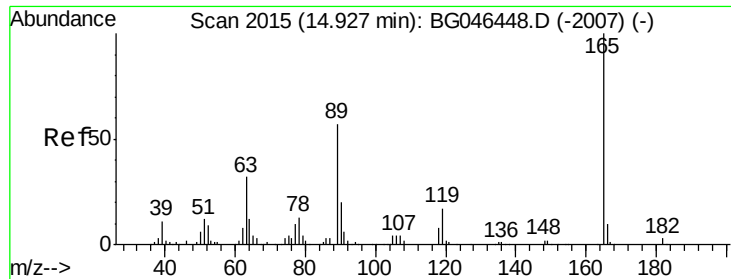


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

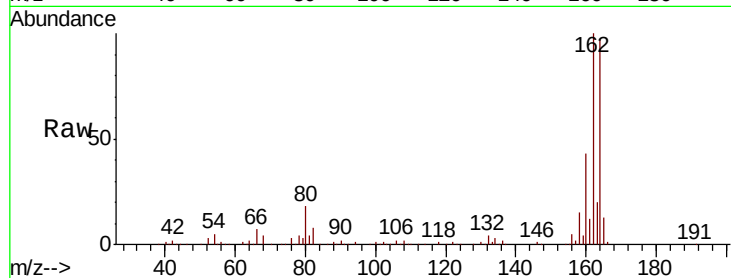




#57
 2,4-Dinitrotoluene
 Concen: 5.412 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.37 min
 Lab File: BG046624.D
 Acq: 15 Sep 2020 14:47

Instrument :
 BNA_G
 ClientSampleId :
 CON-1

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.9	45.9	68.9#
182	0.0	2.3	3.5#



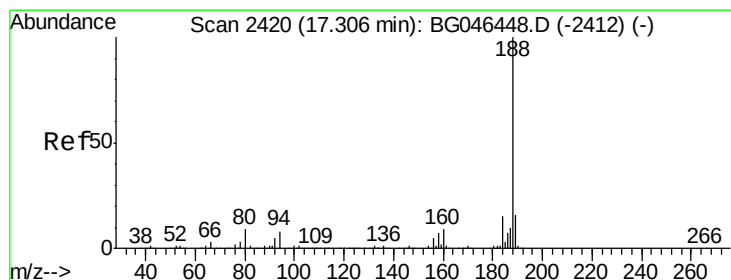
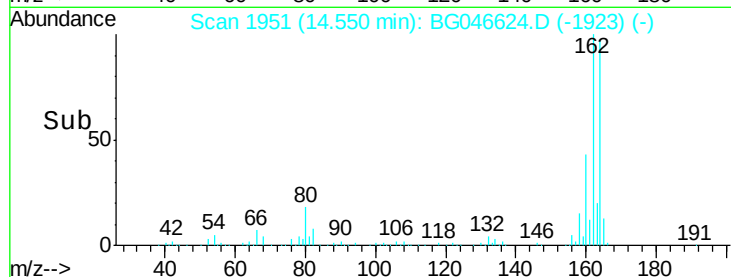
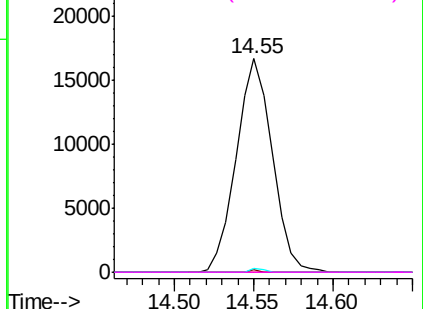
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

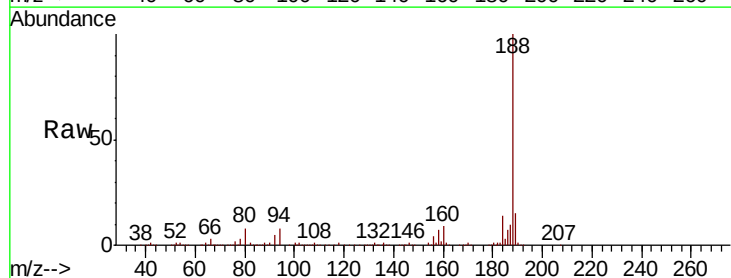
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.29 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BG046624.D
 Acq: 15 Sep 2020 14:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.3	9.5
80	8.0	6.9	10.3

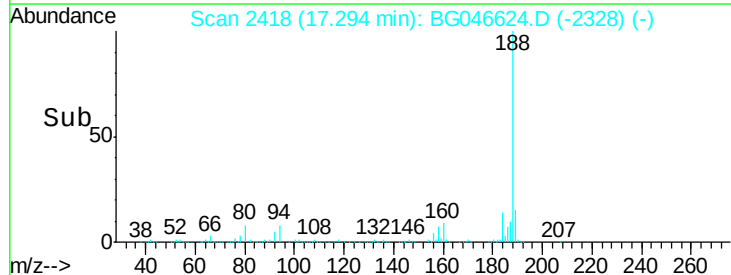
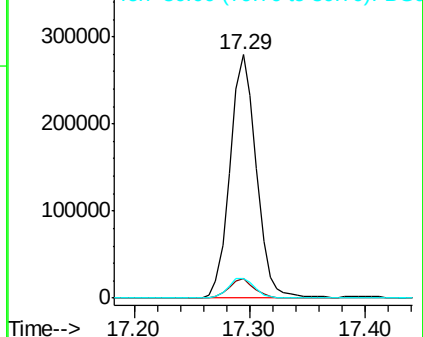


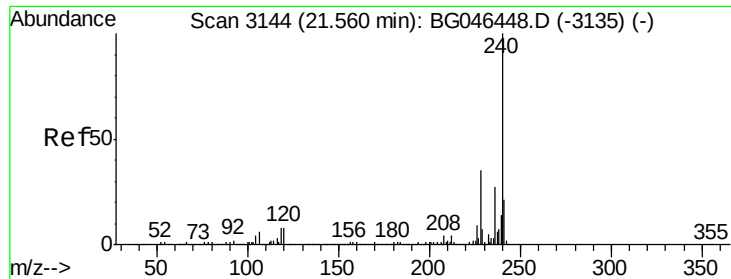
Abundance

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

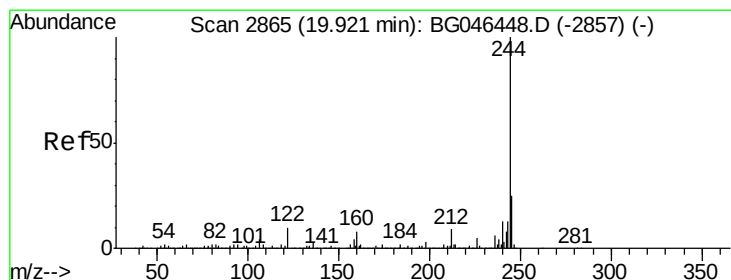
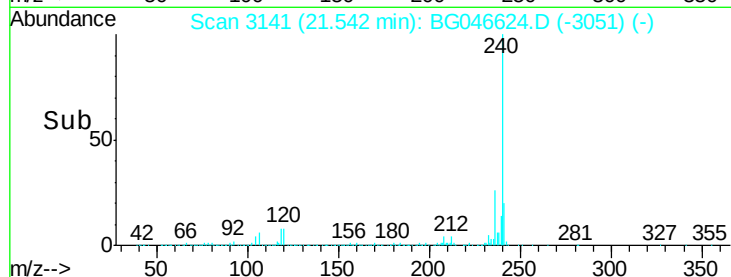
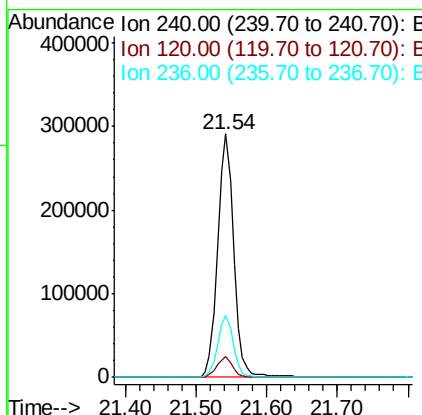
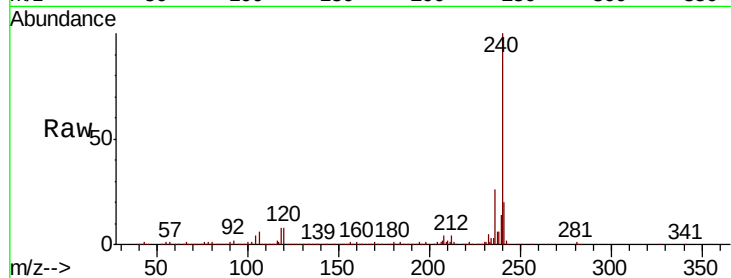




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG046624.D
 Acq: 15 Sep 2020 14:47

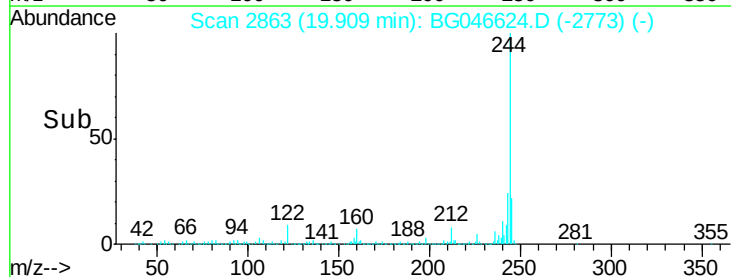
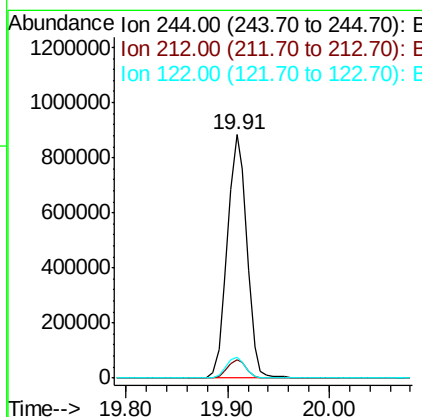
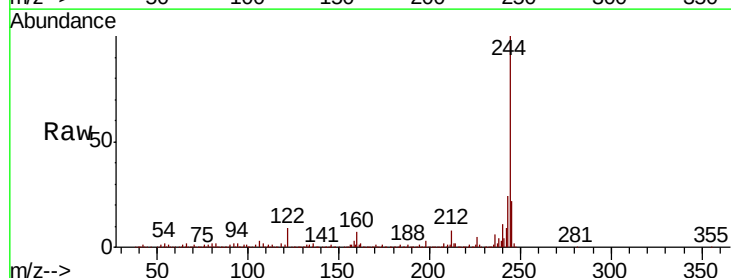
Instrument :
 BNA_G
 ClientSampleId :
 CON-1

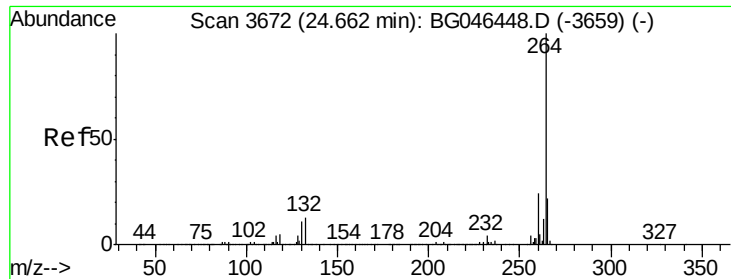
Tot Ion:240 Resp: 462382
 Ion Ratio Lower Upper
 240 100
 120 8.3 6.6 10.0
 236 25.6 21.4 32.2



#79
 Terphenyl-d14
 Concen: 54.622 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: BG046624.D
 Acq: 15 Sep 2020 14:47

Tgt Ion:244 Resp: 1186747
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.9 10.3
 122 8.7 8.2 12.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. 0.00 min
Lab File: BG046624.D
Acq: 15 Sep 2020 14:47

Instrument :
BNA_G
ClientSampleId :
CON-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.9	17.9	26.9

