

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG091720\
 Data File : BG046660.D
 Acq On : 17 Sep 2020 13:29
 Operator : CG/JU
 Sample : L3863-04RX
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091120

Quant Time: Sep 17 14:30:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 14:27:03 2020
 Response via : Initial Calibration

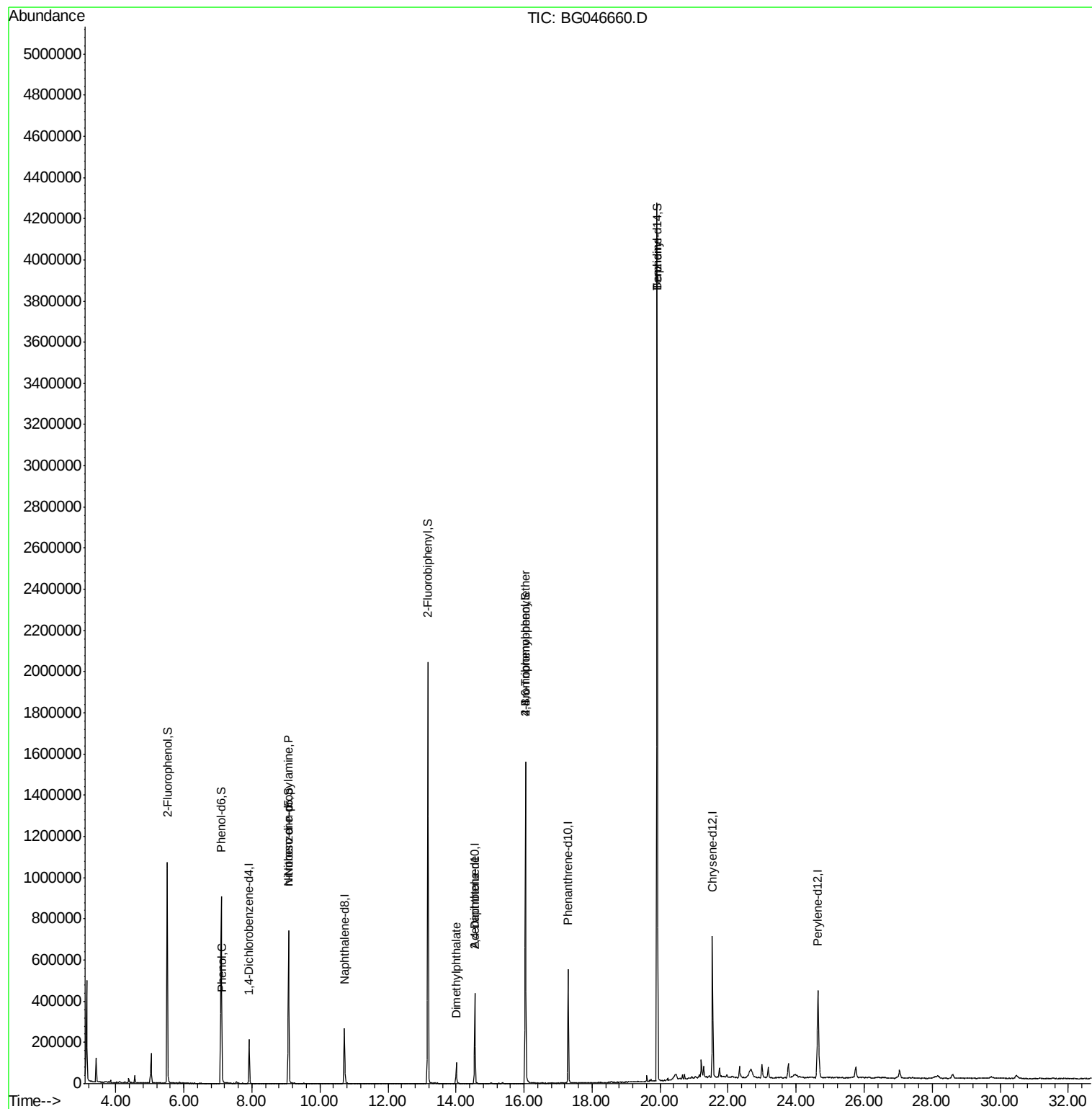
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	66366	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	252463	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	162768	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	390546	20.00	ng	0.00
76) Chrysene-d12	21.54	240	449964	20.00	ng	0.00
86) Perylene-d12	24.64	264	452213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	508599	135.74	ng	0.00
7) Phenol-d6	7.10	99	585201	110.17	ng	0.00
23) Nitrobenzene-d5	9.08	82	481873	109.09	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	325409	147.55	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1165039	109.27	ng	0.00
79) Terphenyl-d14	19.91	244	1937545	91.64	ng	0.00
Target Compounds						
10) Phenol	7.12	94	11376	2.325	ng	76
19) n-Nitroso-di-n-propylamine	9.08	70	61917	19.487	ng	# 74
50) Dimethylphthalate	14.01	163	88701	7.044	ng	98
57) 2,4-Dinitrotoluene	14.55	165	21602	5.458	ng	# 31
67) 4-Bromophenyl-phenylether	16.04	248	25209	5.533	ng	# 1
77) Benzidine	19.91	184	31095	2.974	ng	96

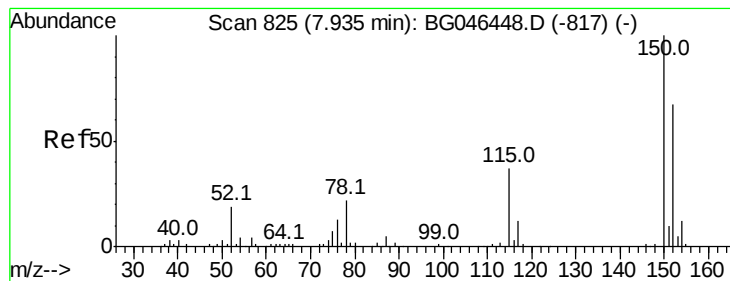
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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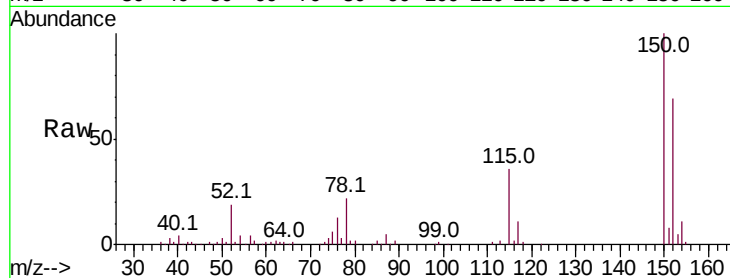


#1

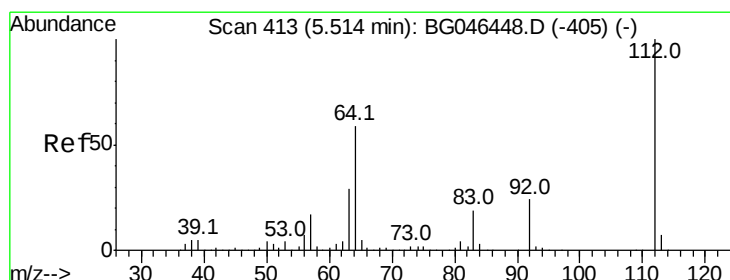
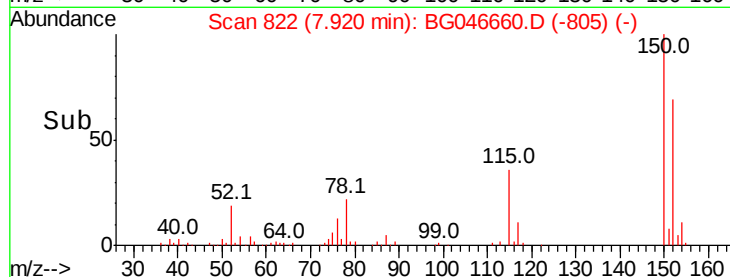
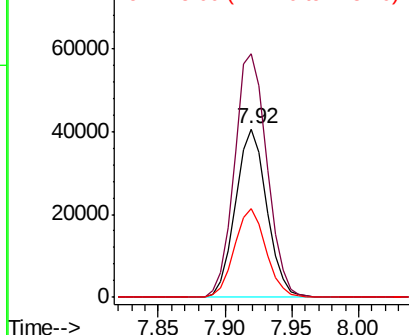
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG046660.D
 Acq: 17 Sep 2020 13:29

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091120

Tot Ion:152 Resp: 66366
 Ion Ratio Lower Upper
 152 100
 150 144.4 125.0 187.6
 115 52.5 41.8 62.6



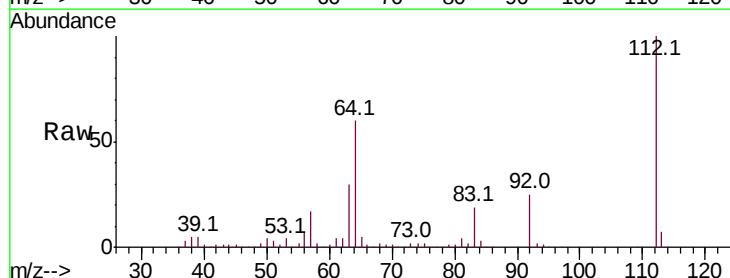
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



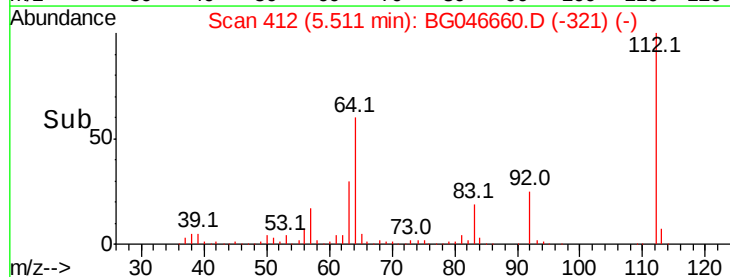
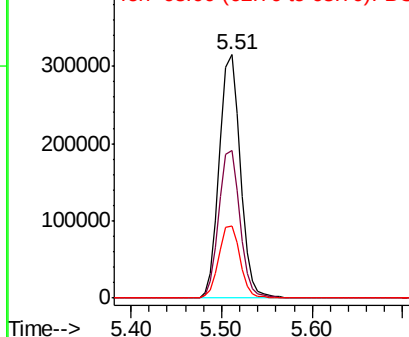
#5

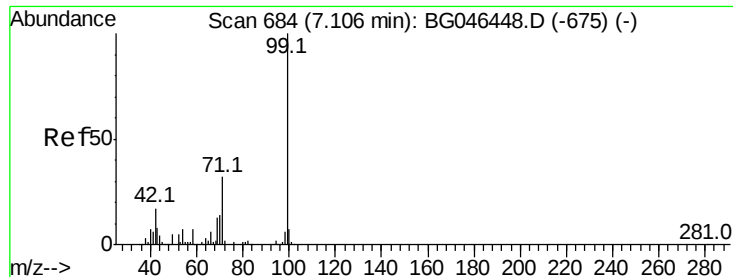
2-Fluorophenol
 Concen: 135.736 ng
 RT: 5.51 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: BG046660.D
 Acq: 17 Sep 2020 13:29

Tgt Ion:112 Resp: 508599
 Ion Ratio Lower Upper
 112 100
 64 60.4 46.7 70.1
 63 29.8 22.8 34.2



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: 110.171 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046660.D

Acq: 17 Sep 2020 13:29

Instrument :

BNA_G

ClientSampleId :

HD-02-091120

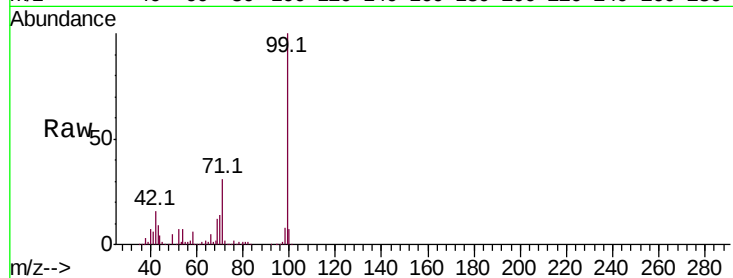
Tot Ion: 99 Resp: 585201

Ion Ratio Lower Upper

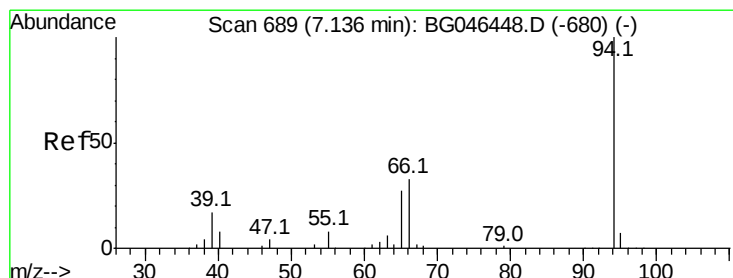
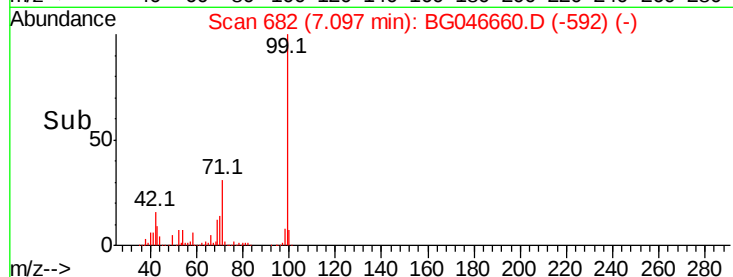
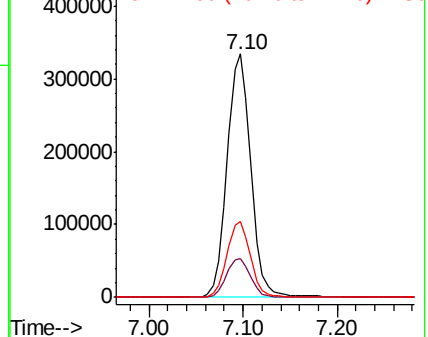
99 100

42 16.2 12.8 19.2

71 31.3 24.6 36.8



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: 2.325 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046660.D

Acq: 17 Sep 2020 13:29

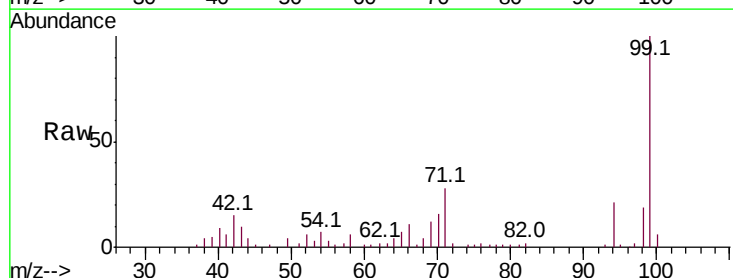
Tgt Ion: 94 Resp: 11376

Ion Ratio Lower Upper

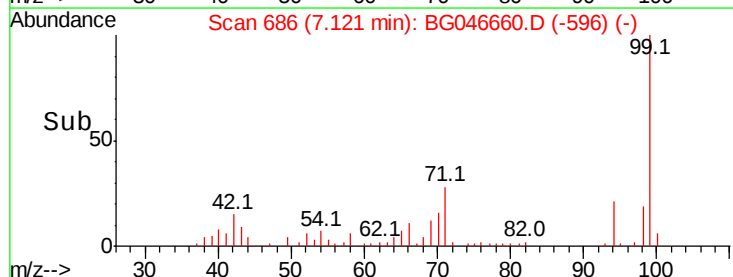
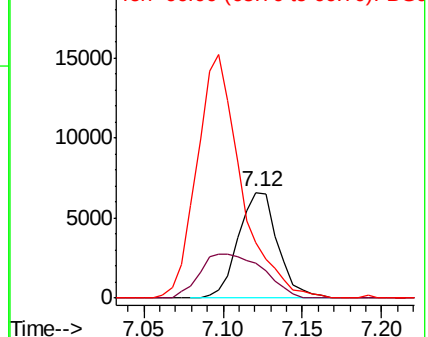
94 100

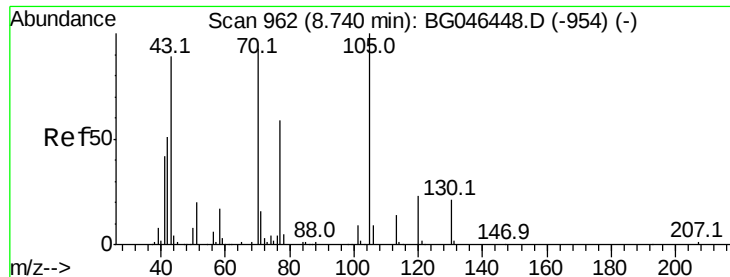
65 33.7 6.6 46.6

66 52.1 13.9 53.9



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

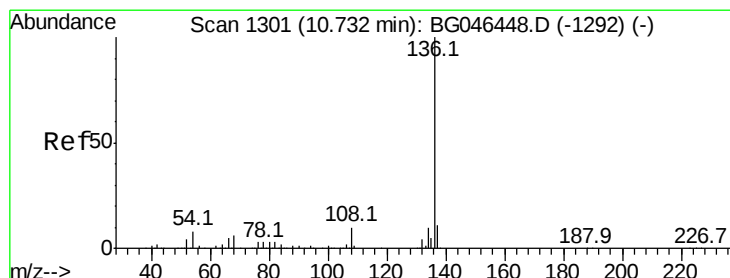
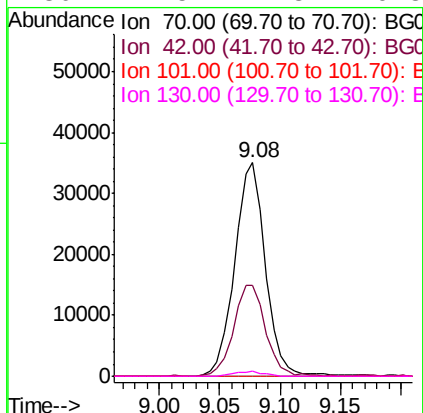
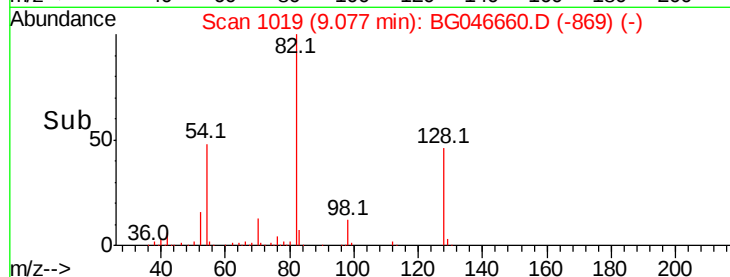
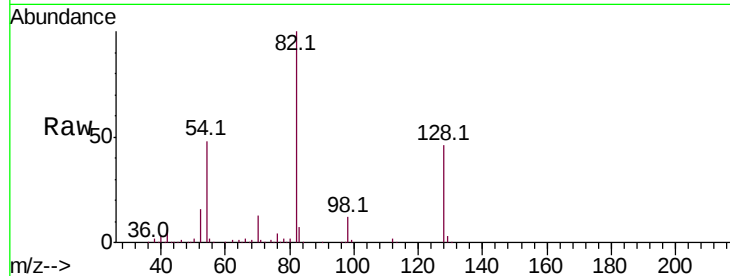




#19
n-Nitroso-di-n-propylamine
Concen: 19.487 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.35 min
Lab File: BG046660.D
Acq: 17 Sep 2020 13:29

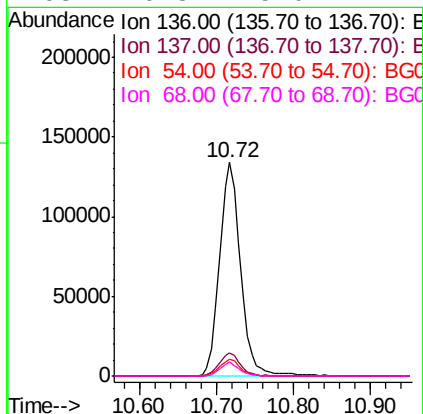
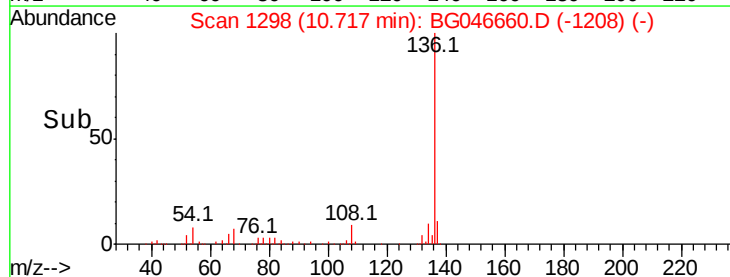
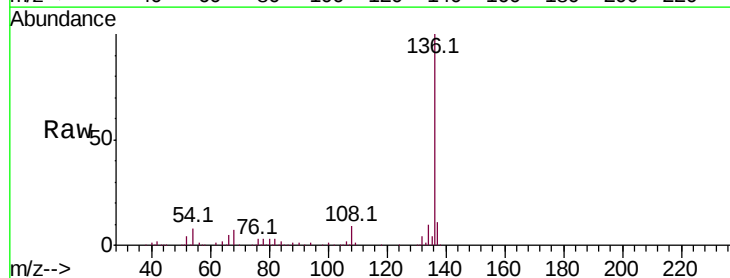
Instrument :
BNA_G
ClientSampleId :
HD-02-091120

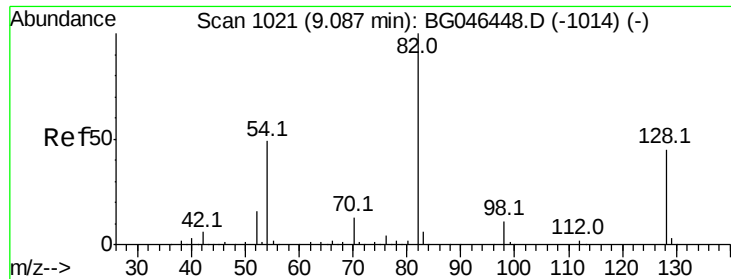
Tot Ion: 70 Resp: 61917
Ion Ratio Lower Upper
70 100
42 42.5 45.6 68.4#
101 0.0 8.4 12.6#
130 2.5 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG046660.D
Acq: 17 Sep 2020 13:29

Tgt Ion:136 Resp: 252463
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.7 6.2 9.4
68 6.8 5.0 7.4

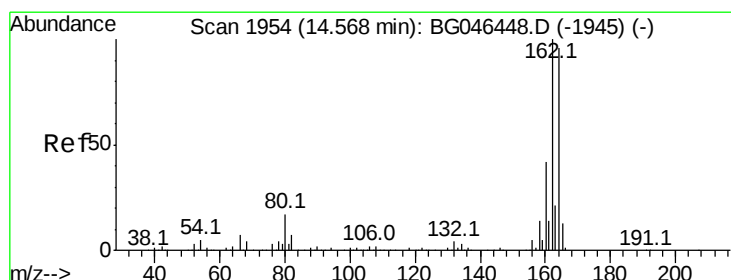
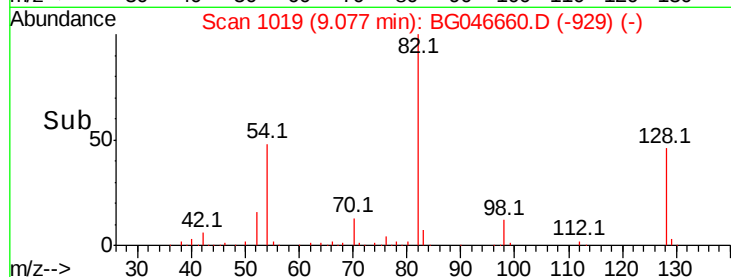
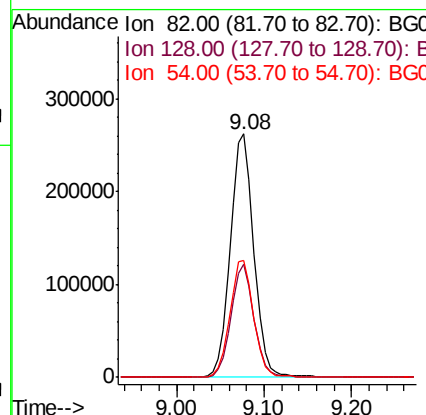
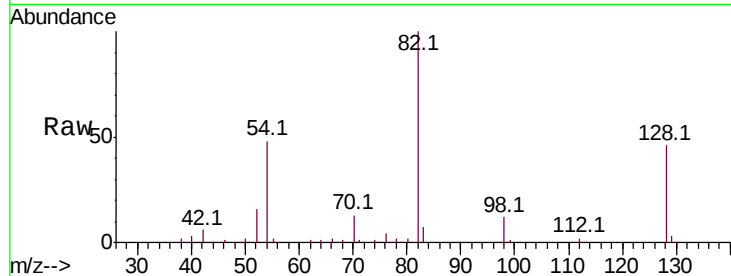




#23
 Nitrobenzene-d5
 Concen: 109.091 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG046660.D
 Acq: 17 Sep 2020 13:29

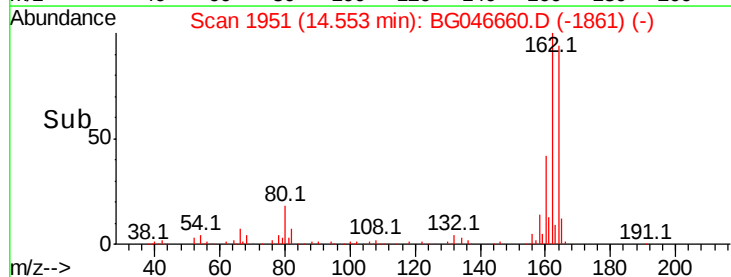
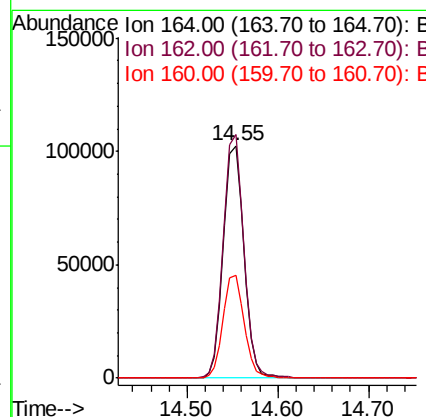
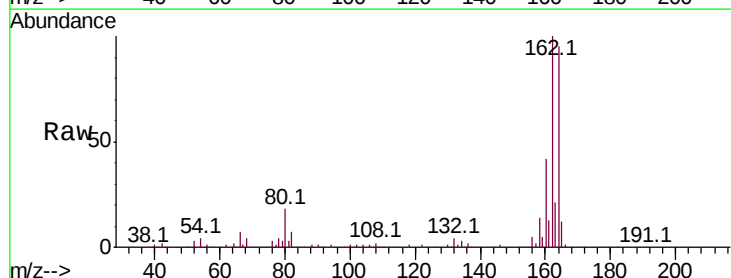
Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091120

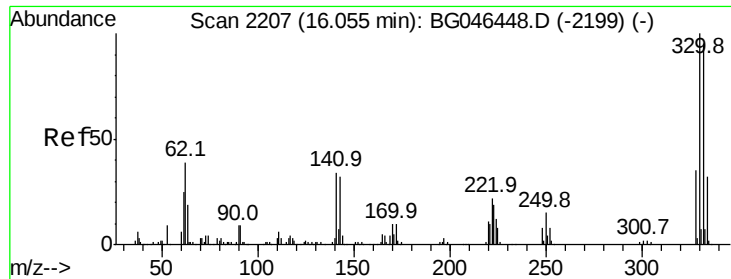
Tot Ion	82	Resp	481873
Ion Ratio	Lower	Upper	
82	100		
128	46.4	37.0	55.6
54	48.1	39.0	58.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG046660.D
 Acq: 17 Sep 2020 13:29

Tgt Ion	164	Resp	162768
Ion Ratio	Lower	Upper	
164	100		
162	104.9	82.3	123.5
160	44.2	35.3	52.9

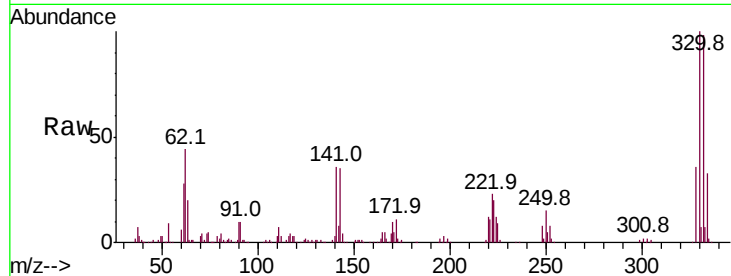




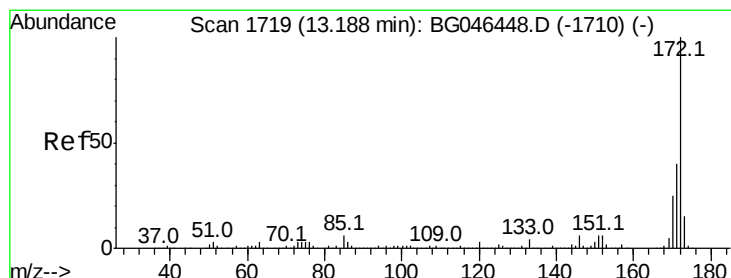
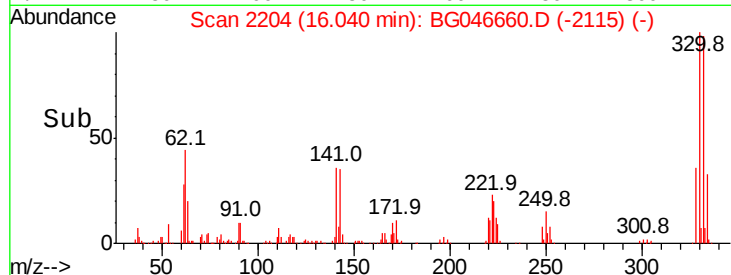
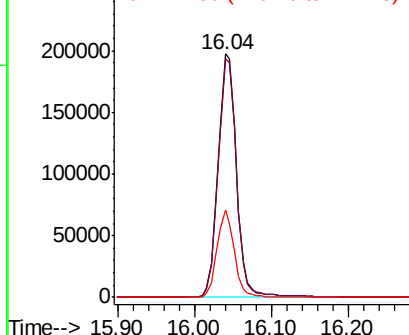
#42
 2,4,6-Tribromophenol
 Concen: 147.551 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG046660.D
 Acq: 17 Sep 2020 13:29

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091120

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.5	114.7
141	33.8	26.0	39.0

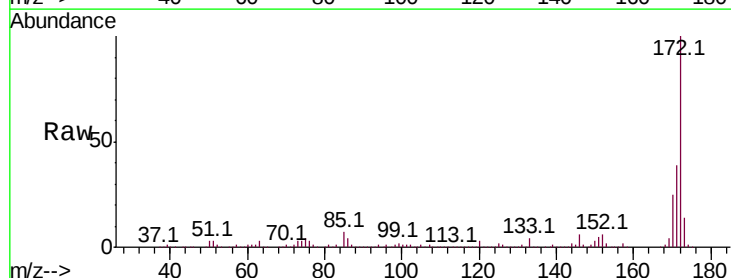


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

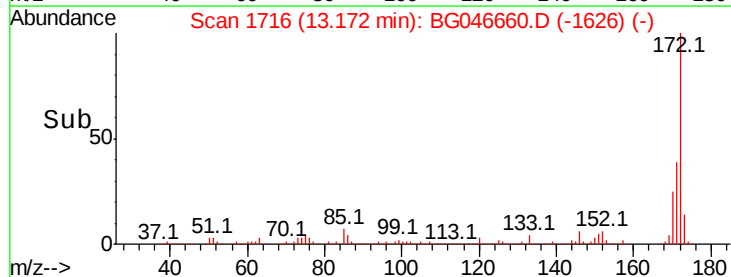
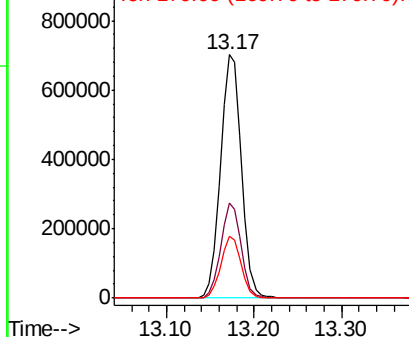


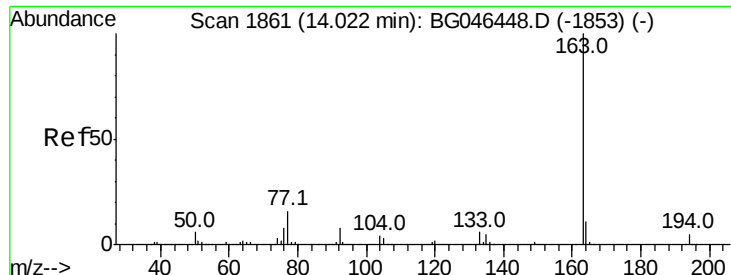
#45
 2-Fluorobiphenyl
 Concen: 109.266 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG046660.D
 Acq: 17 Sep 2020 13:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.3	46.9
170	25.3	20.8	31.2



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: 7.044 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG046660.D

Acq: 17 Sep 2020 13:29

Instrument :

BNA_G

ClientSampleId :

HD-02-091120

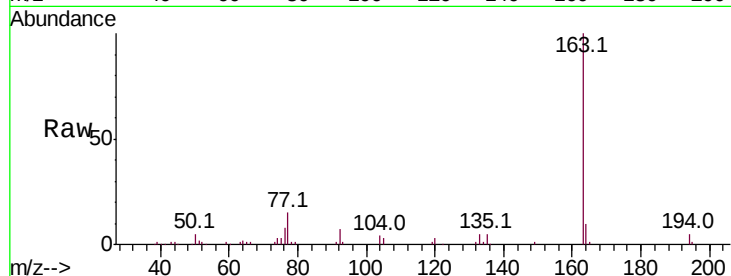
Tot Ion:163 Resp: 88701

Ion Ratio Lower Upper

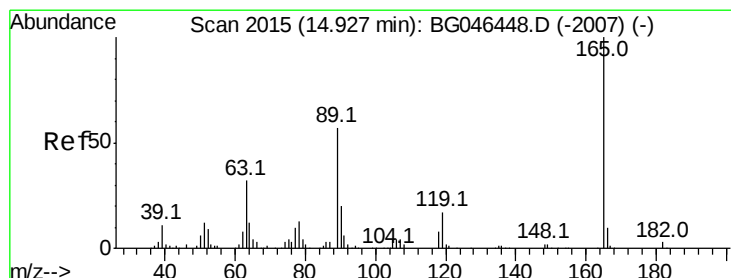
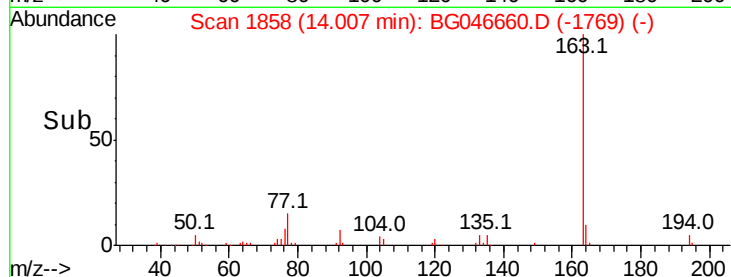
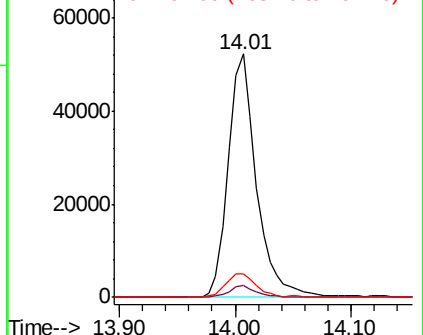
163 100

194 5.0 3.8 5.8

164 9.8 8.8 13.2



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: 5.458 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.37 min

Lab File: BG046660.D

Acq: 17 Sep 2020 13:29

Tgt Ion:165 Resp: 21602

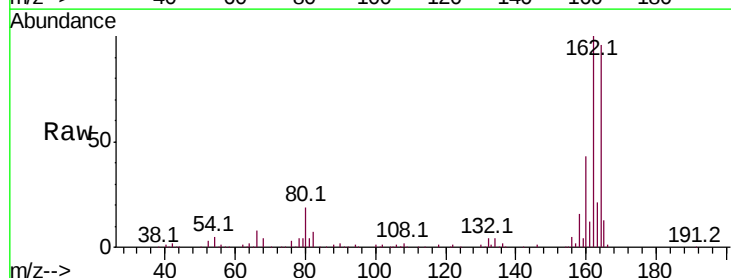
Ion Ratio Lower Upper

165 100

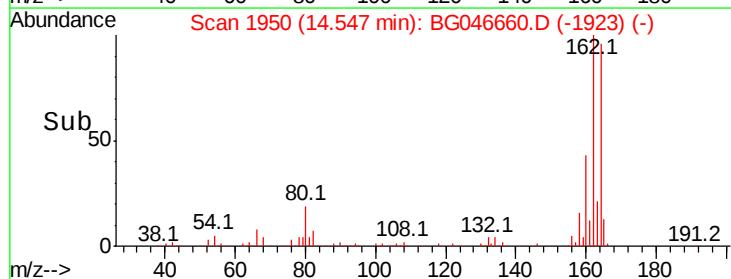
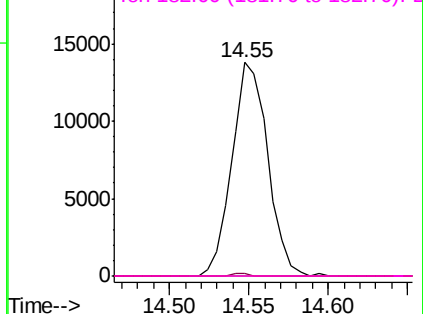
63 1.1 26.4 39.6#

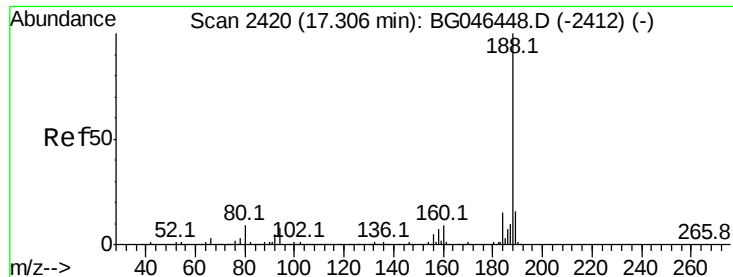
89 0.0 47.8 71.8#

182 0.0 2.6 4.0#



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. 0.00 min

Lab File: BG046660.D

Acq: 17 Sep 2020 13:29

Instrument :

BNA_G

ClientSampleId :

HD-02-091120

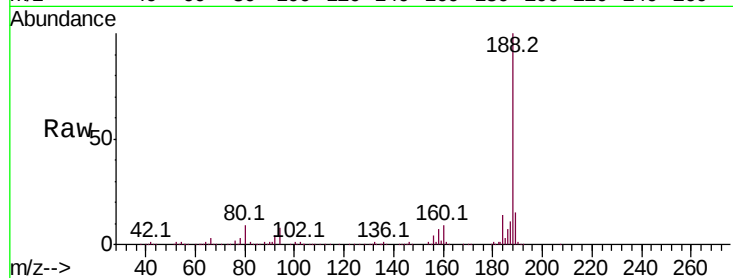
Tot Ion:188 Resp: 390546

Ion Ratio Lower Upper

188 100

94 7.6 6.3 9.5

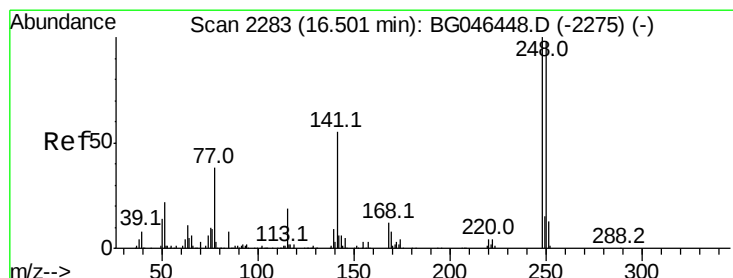
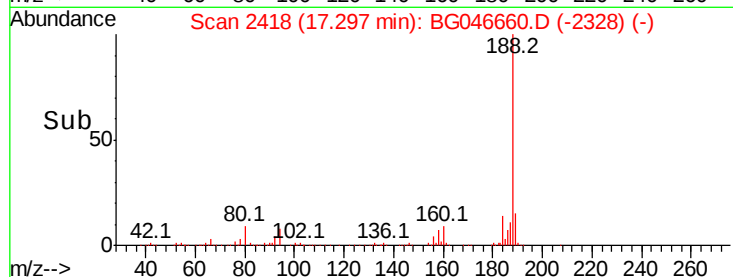
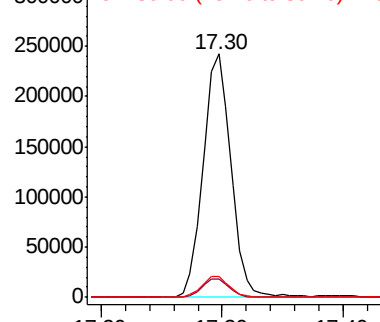
80 8.5 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 5.533 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.45 min

Lab File: BG046660.D

Acq: 17 Sep 2020 13:29

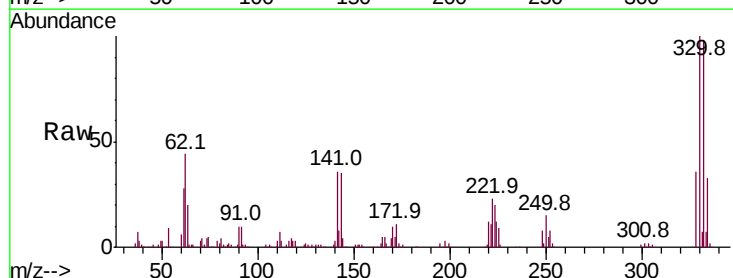
Tgt Ion:248 Resp: 25209

Ion Ratio Lower Upper

248 100

250 192.6 78.9 118.3#

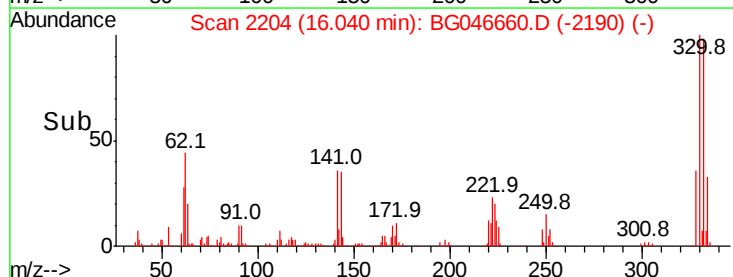
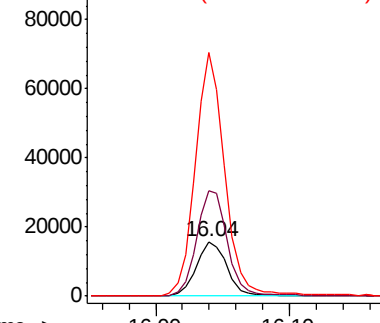
141 446.5 46.2 69.4#

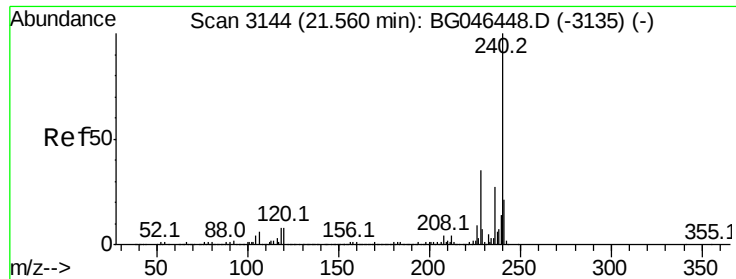


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG046660.D

Acq: 17 Sep 2020 13:29

Instrument :

BNA_G

ClientSampleId :

HD-02-091120

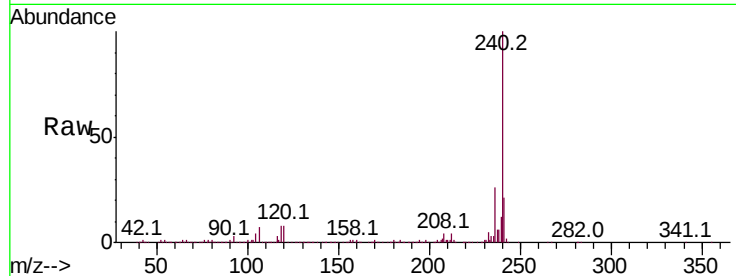
Tot Ion:240 Resp: 449964

Ion Ratio Lower Upper

240 100

120 8.1 6.2 9.4

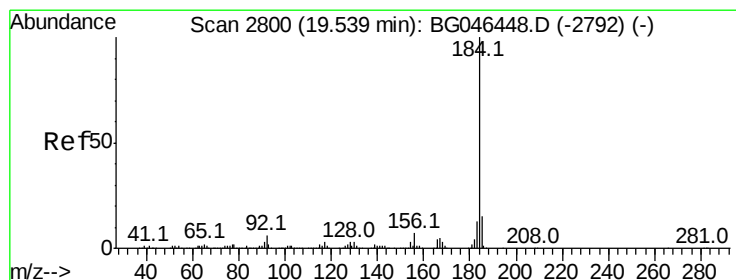
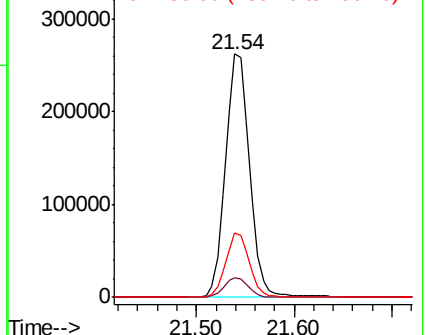
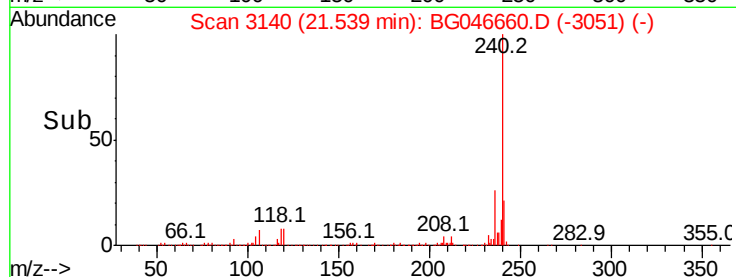
236 26.4 20.5 30.7



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



#77

Benzidine

Concen: 2.974 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.38 min

Lab File: BG046660.D

Acq: 17 Sep 2020 13:29

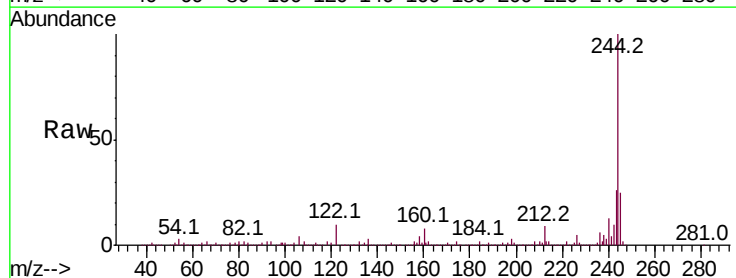
Tgt Ion:184 Resp: 31095

Ion Ratio Lower Upper

184 100

185 18.3 12.4 18.6

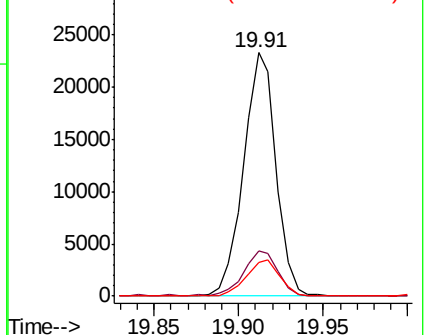
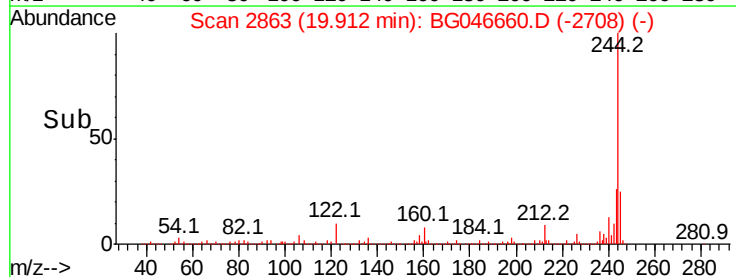
183 13.7 10.6 15.8

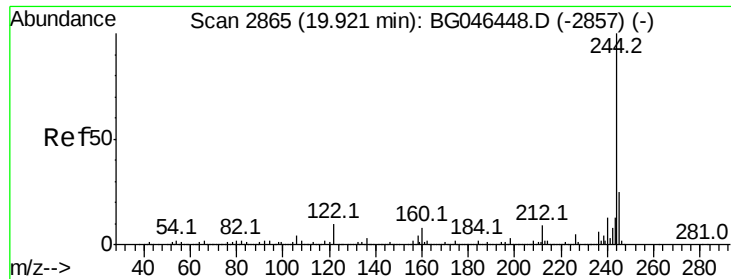


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 91.639 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG046660.D

Acq: 17 Sep 2020 13:29

Instrument :

BNA_G

ClientSampleId :

HD-02-091120

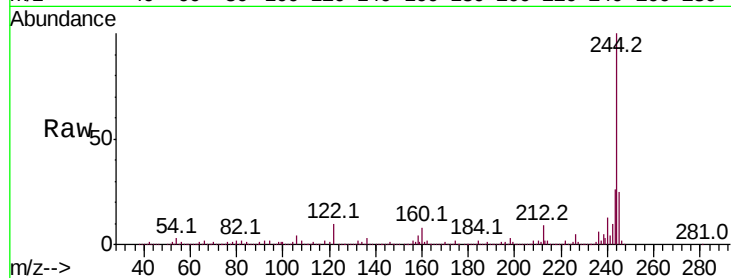
Tot Ion:244 Resp: 1937545

Ion Ratio Lower Upper

244 100

212 9.1 6.7 10.1

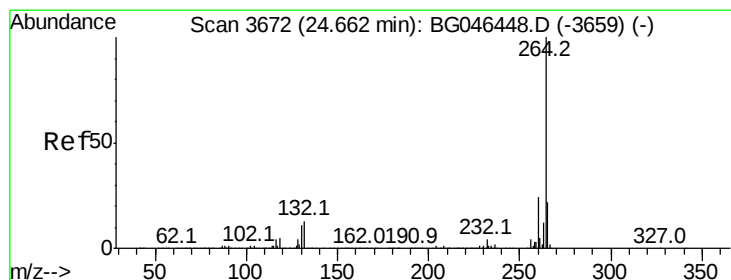
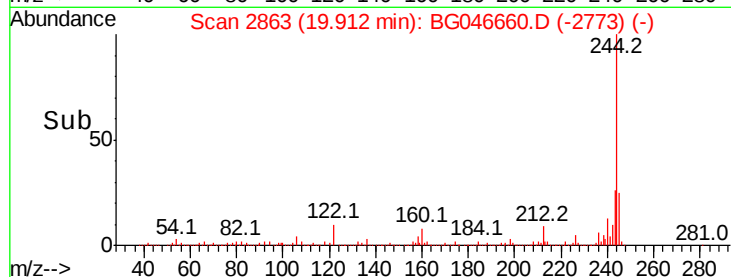
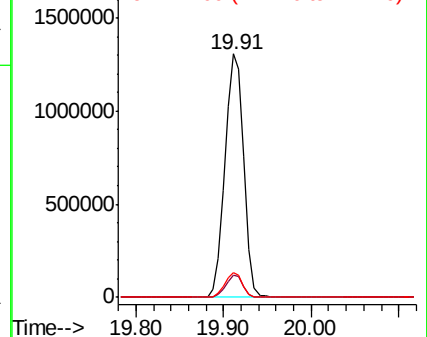
122 10.4 7.8 11.6



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# 3667

Delta R.T. -0.01 min

Lab File: BG046660.D

Acq: 17 Sep 2020 13:29

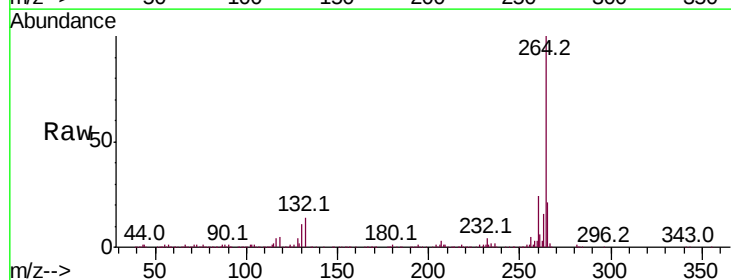
Tgt Ion:264 Resp: 452213

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.1 17.8 26.8



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

