

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046607.D
 Acq On : 14 Sep 2020 17:31
 Operator : CG/JU
 Sample : PB131594BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131594BL

Quant Time: Sep 14 18:23:29 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

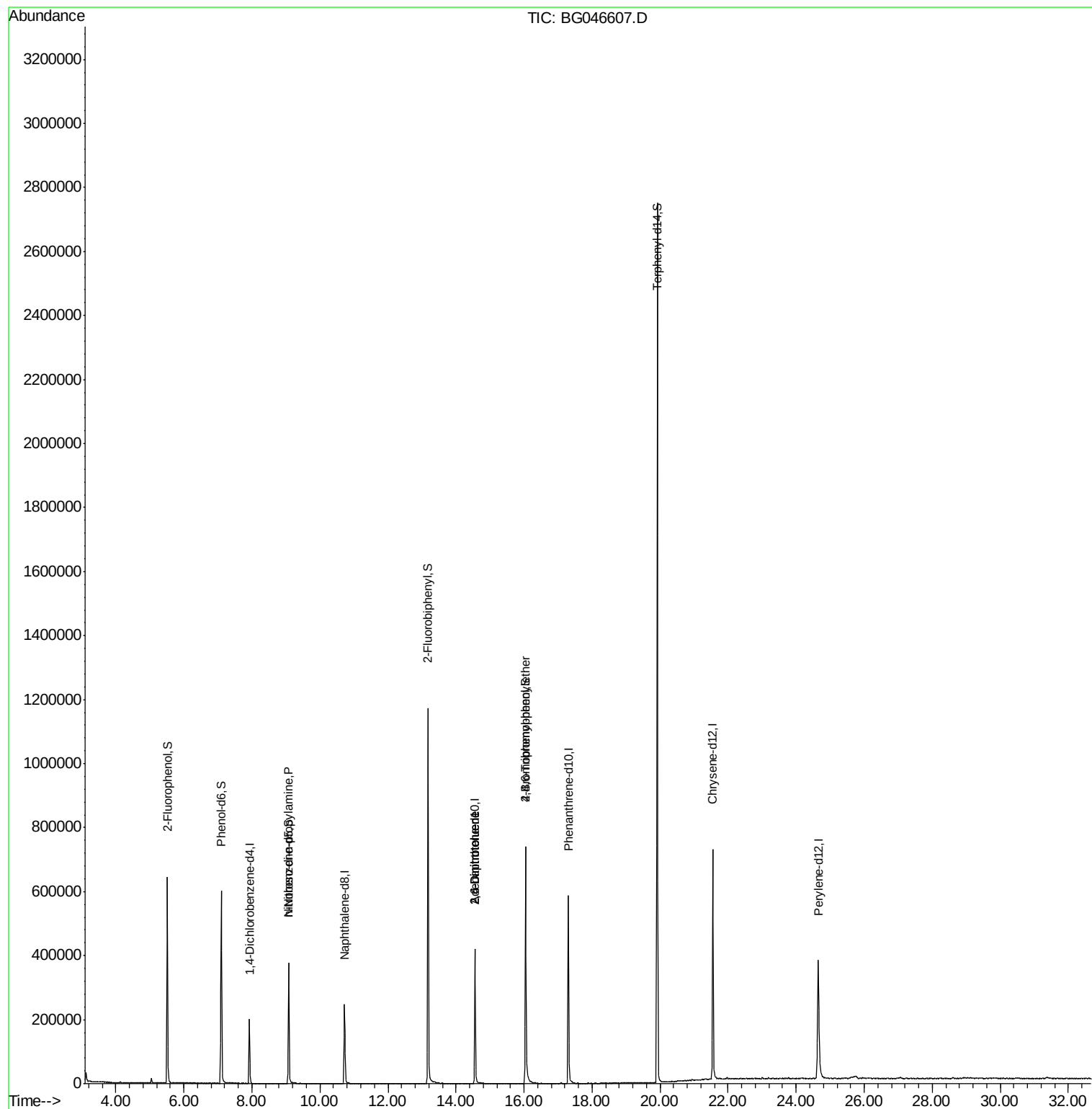
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	64490	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	249607	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	173513	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	452787	20.00	ng	0.00
76) Chrysene-d12	21.55	240	499445	20.00	ng	0.00
86) Perylene-d12	24.65	264	477277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	315977	86.78	ng	0.00
7) Phenol-d6	7.10	99	406175	78.69	ng	0.00
23) Nitrobenzene-d5	9.08	82	264341	60.53	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	188295	80.09	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	745127	65.56	ng	0.00
79) Terphenyl-d14	19.92	244	1339851	57.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	32336	10.473	ng	# 71
51) 2,6-Dinitrotoluene	14.55	165	22443	7.584	ng	# 33
57) 2,4-Dinitrotoluene	14.55	165	22444	5.319	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	13945	2.640	ng	# 1

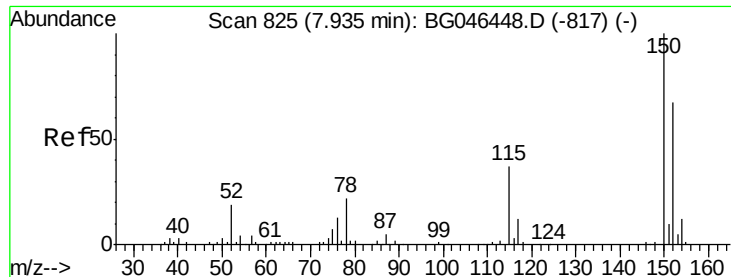
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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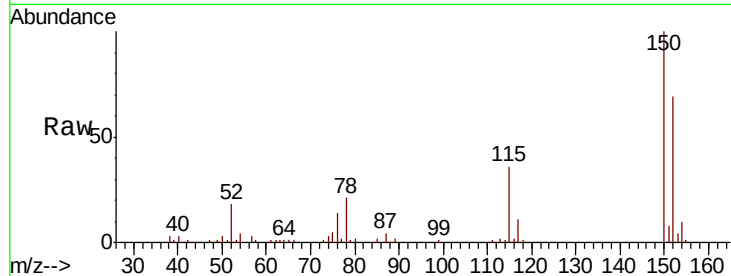


#1

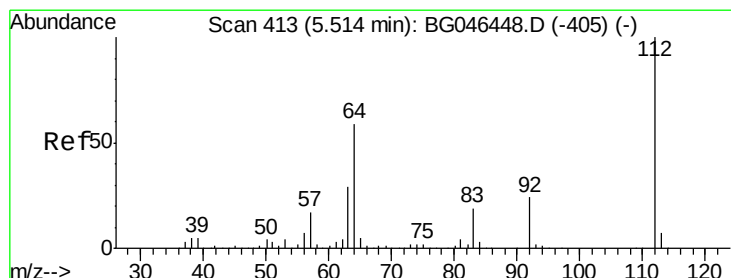
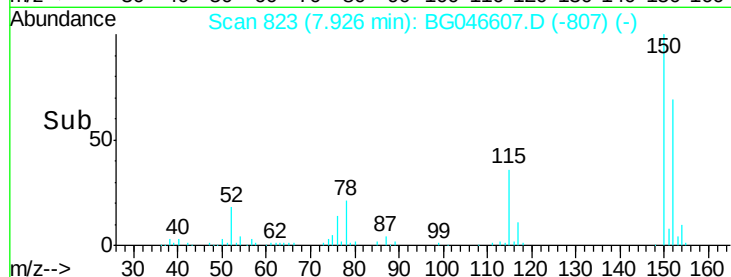
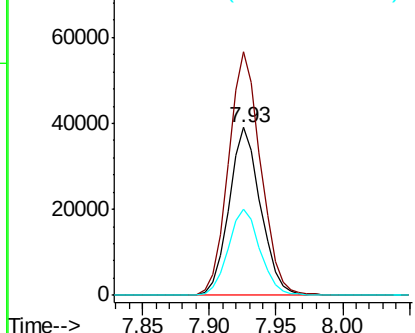
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046607.D
Acq: 14 Sep 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB131594BL

Tot Ion:152 Resp: 64490
Ion Ratio Lower Upper
152 100
150 145.1 119.5 179.3
115 51.5 44.3 66.5



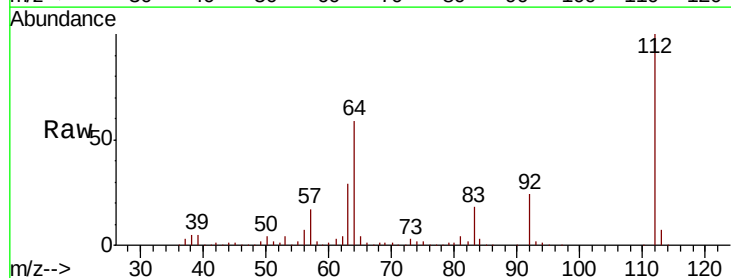
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



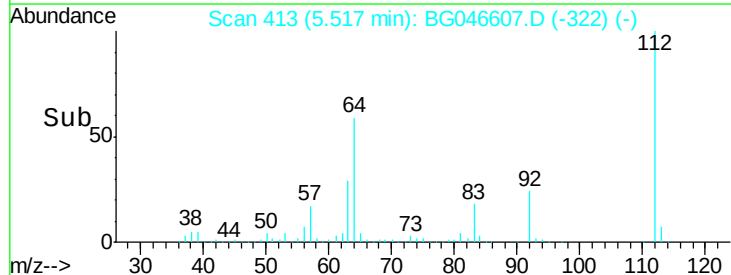
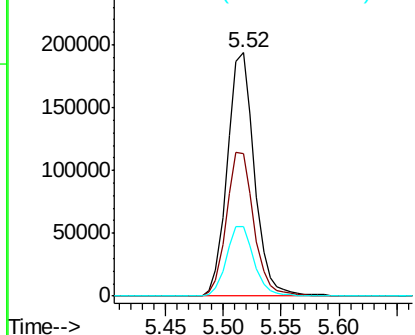
#5

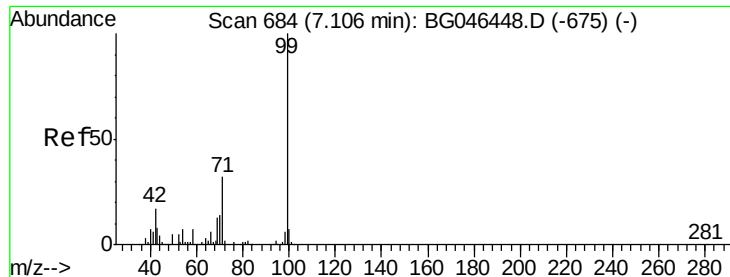
2-Fluorophenol
Concen: 86.782 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046607.D
Acq: 14 Sep 2020 17:31

Tgt Ion:112 Resp: 315977
Ion Ratio Lower Upper
112 100
64 58.7 47.0 70.6
63 28.6 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: 78.692 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG046607.D

Acq: 14 Sep 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB131594BL

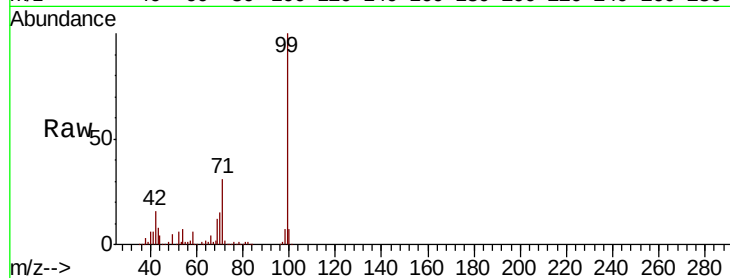
Tot Ion: 99 Resp: 406175

Ion Ratio Lower Upper

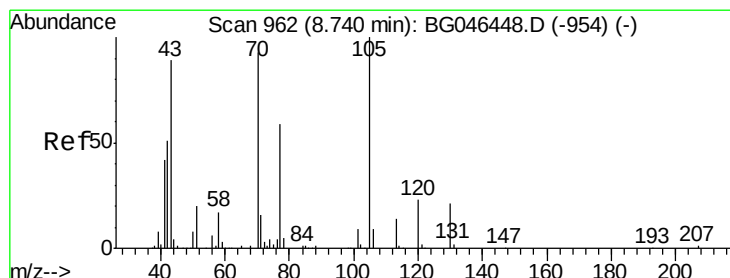
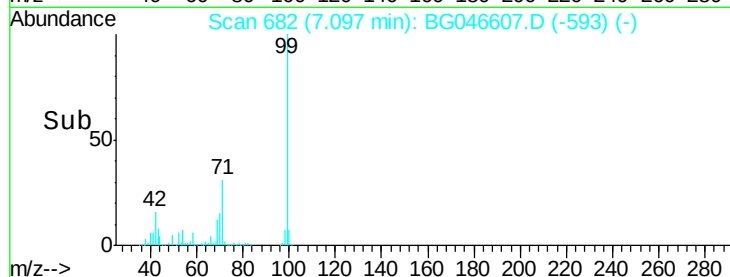
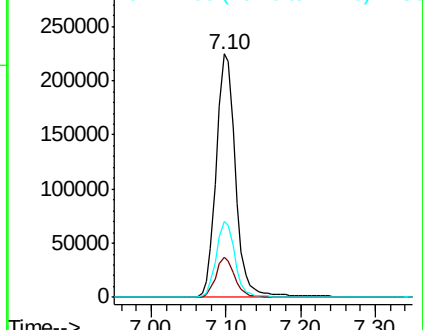
99 100

42 16.3 13.3 19.9

71 31.2 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: 10.473 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046607.D

Acq: 14 Sep 2020 17:31

Tgt Ion: 70 Resp: 32336

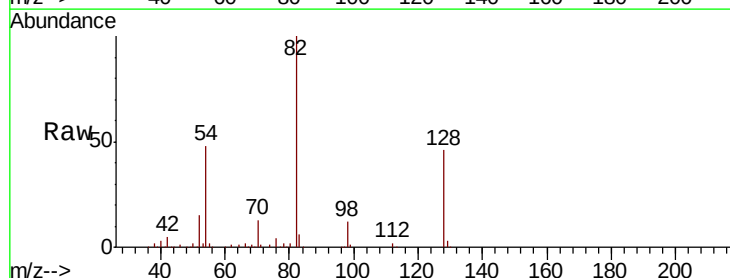
Ion Ratio Lower Upper

70 100

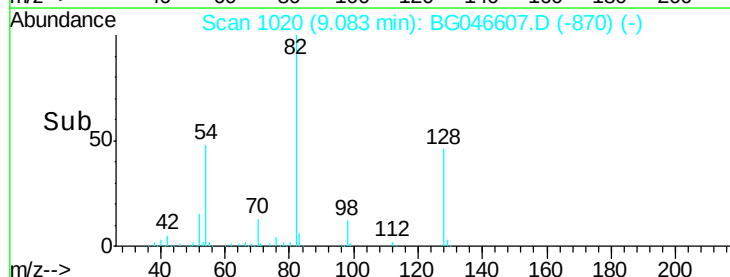
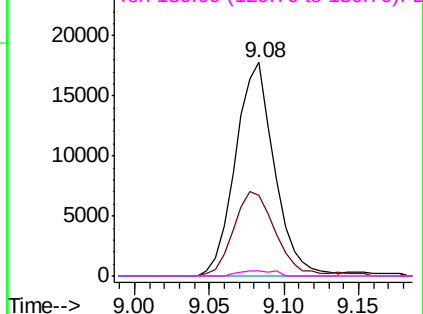
42 38.0 44.2 66.2#

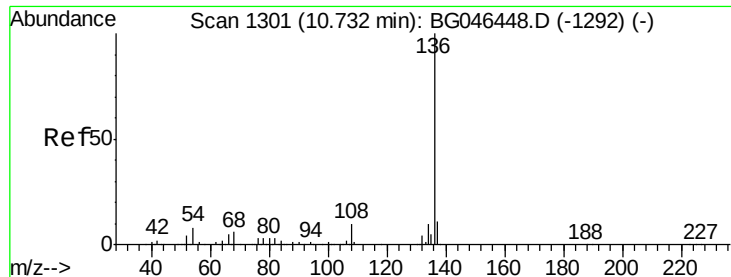
101 0.0 7.8 11.8#

130 2.2 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

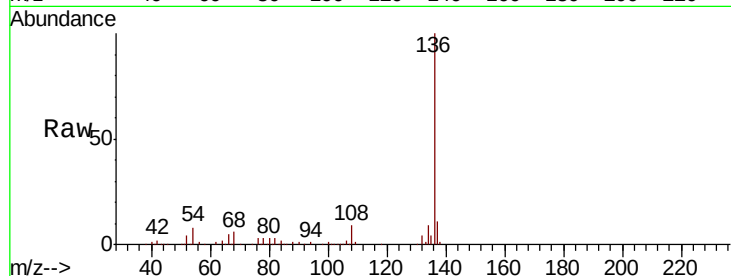




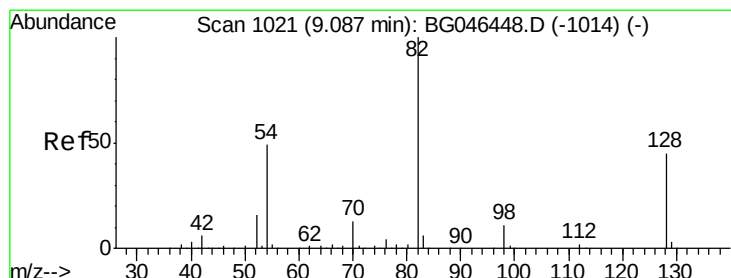
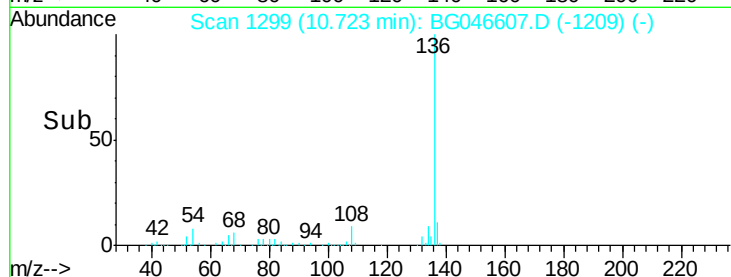
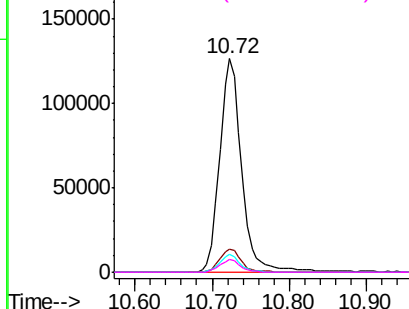
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046607.D
Acq: 14 Sep 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB131594BL

Tot Ion:136	Resp:	249607
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	8.1	6.1 9.1
68	5.8	4.8 7.2

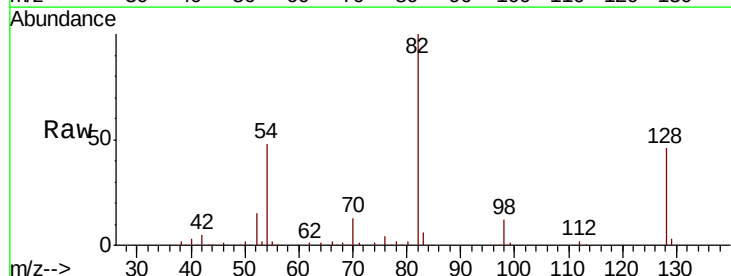


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

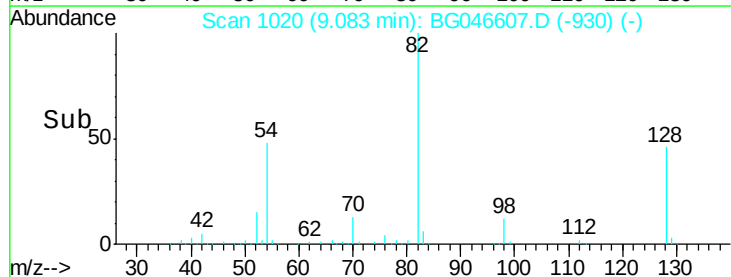
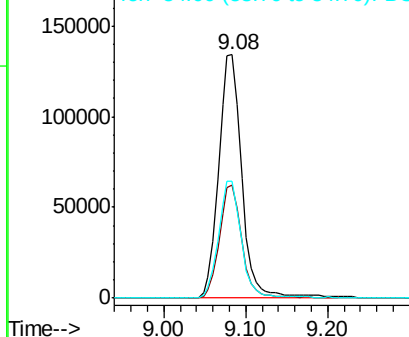


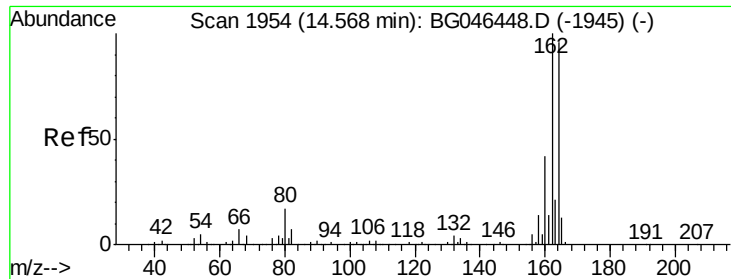
#23
Nitrobenzene-d5
Concen: 60.529 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046607.D
Acq: 14 Sep 2020 17:31

Tgt Ion: 82	Resp:	264341
Ion	Ratio	Lower Upper
82	100	
128	46.3	35.7 53.5
54	48.0	39.4 59.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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: BG046607.D

Acq: 14 Sep 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB131594BL

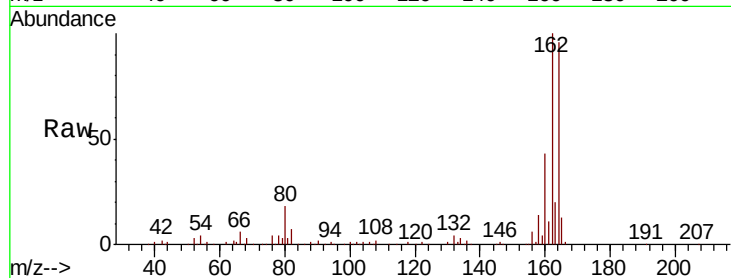
Tot Ion:164 Resp: 173513

Ion Ratio Lower Upper

164 100

162 104.5 83.3 124.9

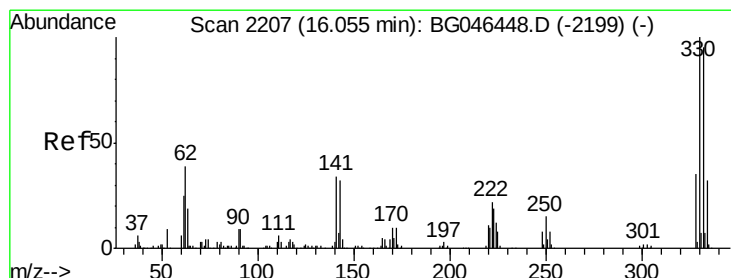
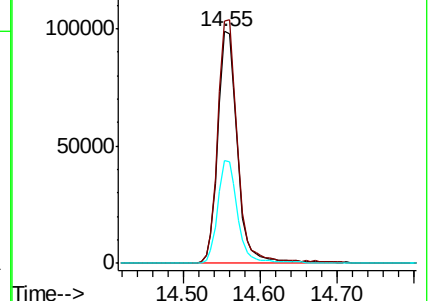
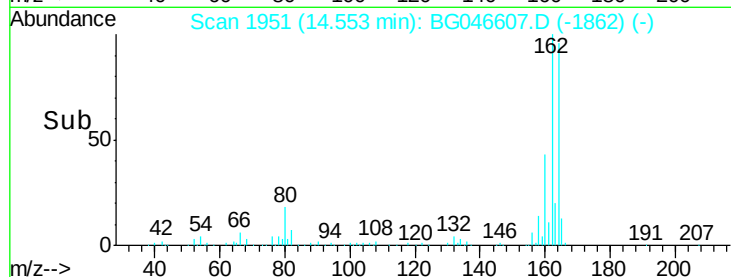
160 44.7 35.0 52.6



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: 80.092 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046607.D

Acq: 14 Sep 2020 17:31

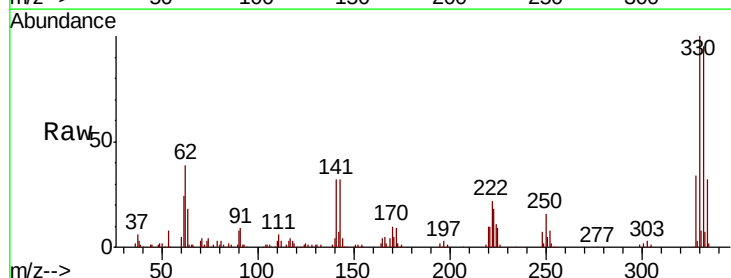
Tgt Ion:330 Resp: 188295

Ion Ratio Lower Upper

330 100

332 97.3 76.1 114.1

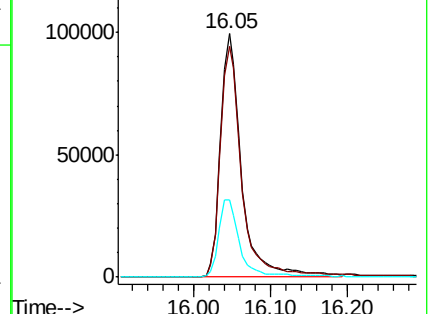
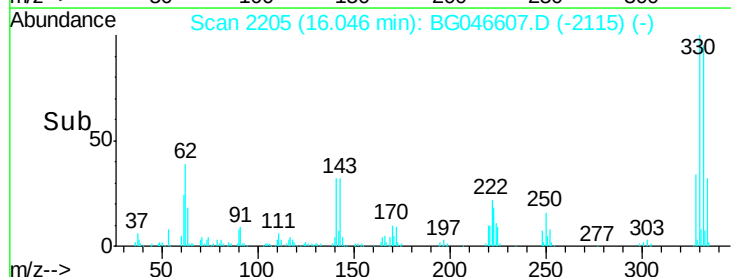
141 32.2 26.1 39.1

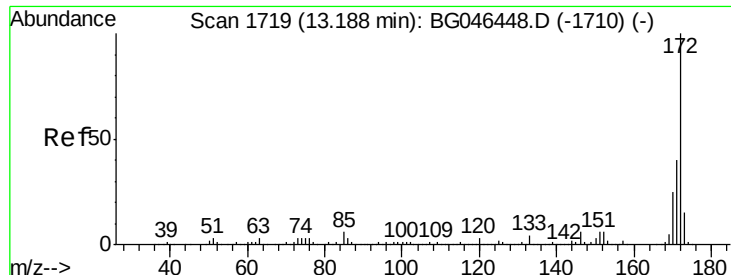


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

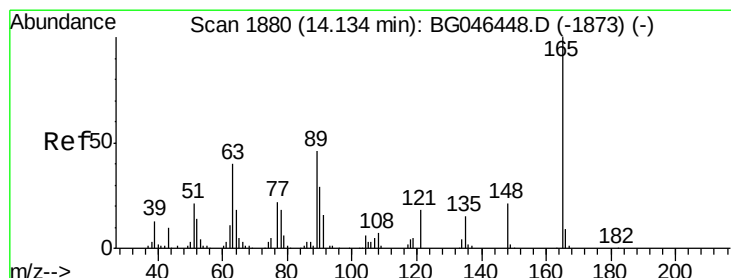
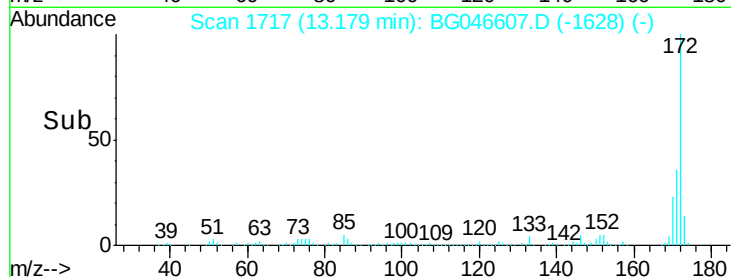
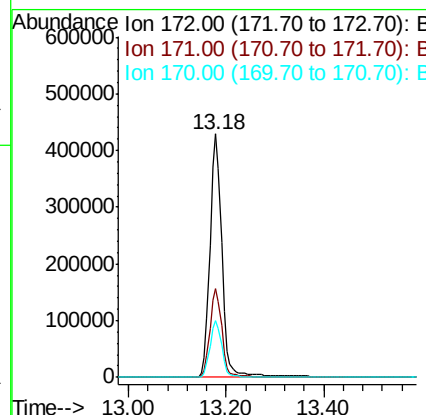
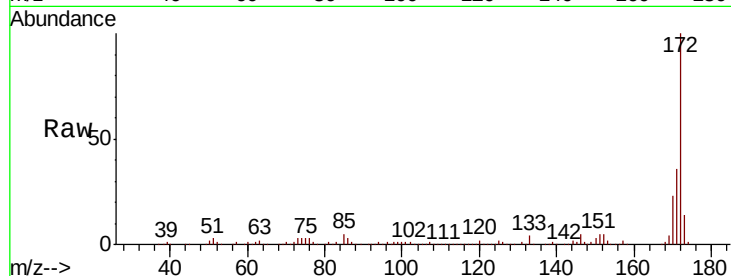




#45
2-Fluorobiphenyl
Concen: 65.556 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046607.D
Acq: 14 Sep 2020 17:31

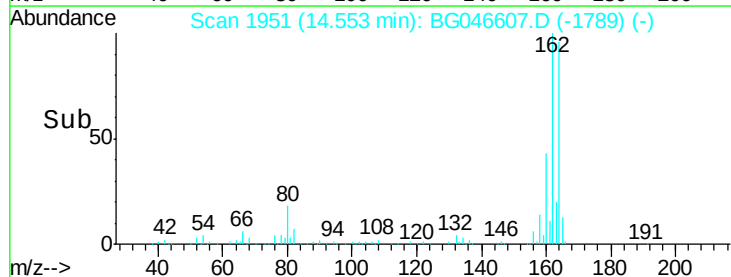
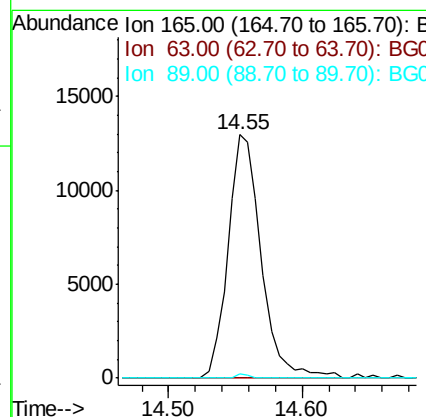
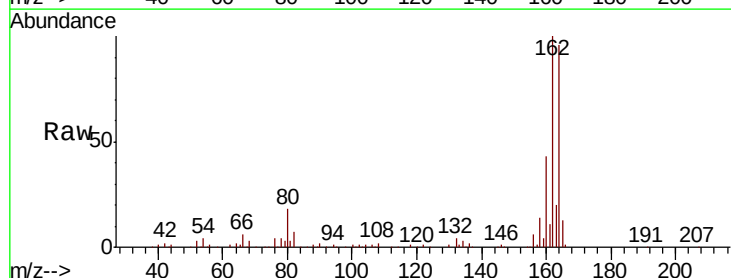
Instrument :
BNA_G
ClientSampleId :
PB131594BL

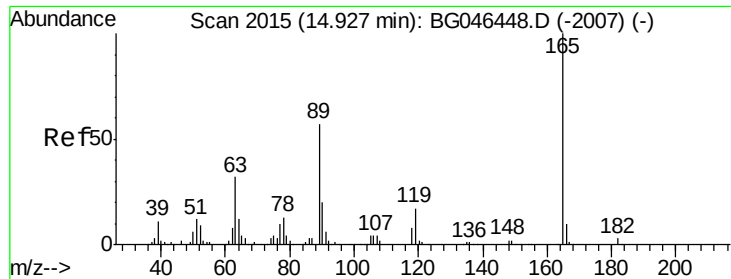
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	31.8	47.6
170	23.4	20.3	30.5



#51
2,6-Dinitrotoluene
Concen: 7.584 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.42 min
Lab File: BG046607.D
Acq: 14 Sep 2020 17:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.2	51.4#
89	1.6	37.0	55.4#

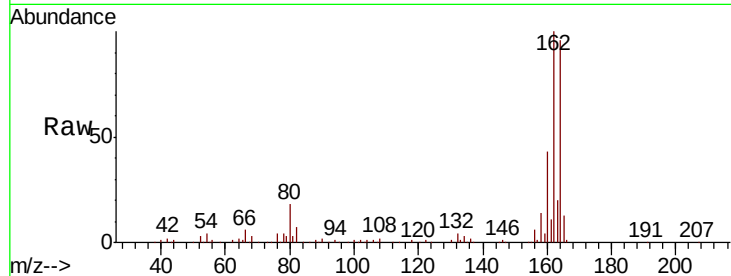




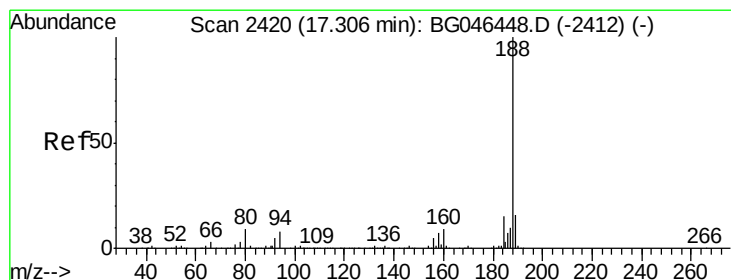
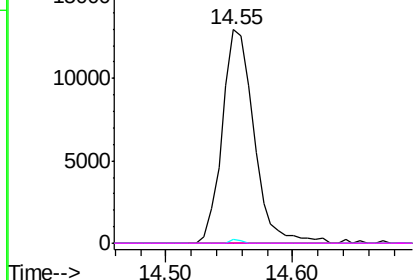
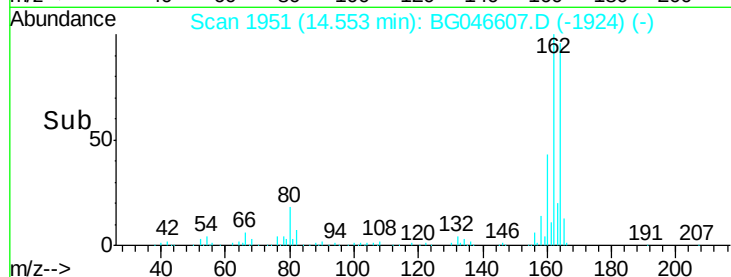
#57
 2,4-Dinitrotoluene
 Concen: 5.319 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.37 min
 Lab File: BG046607.D
 Acq: 14 Sep 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB131594BL

Tot Ion:165 Resp: 22444
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 1.6 45.9 68.9#
 182 0.0 2.3 3.5#

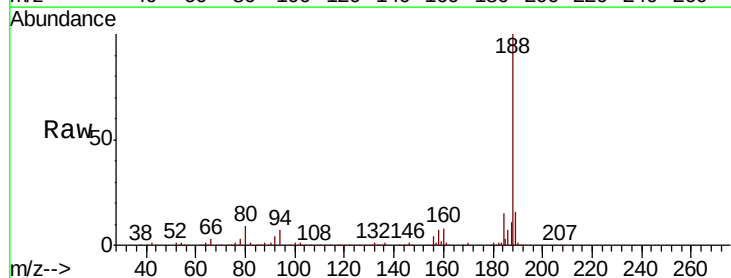


Abundance Ion 165.00 (164.70 to 165.70): E
 20000 Ion 63.00 (62.70 to 63.70): BG
 15000 Ion 89.00 (88.70 to 89.70): BG
 10000 Ion 182.00 (181.70 to 182.70): E
 5000
 0

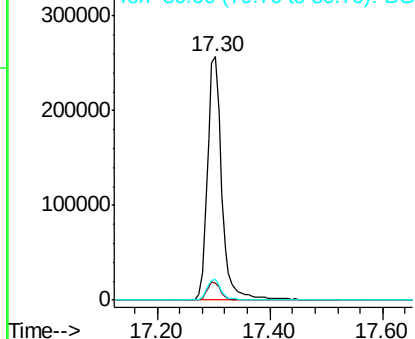
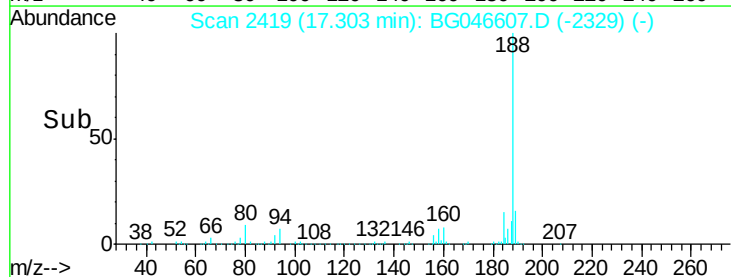


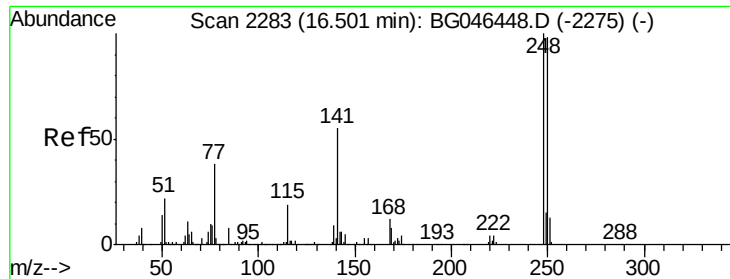
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG046607.D
 Acq: 14 Sep 2020 17:31

Tgt Ion:188 Resp: 452787
 Ion Ratio Lower Upper
 188 100
 94 7.2 6.3 9.5
 80 8.5 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E
 300000 Ion 94.00 (93.70 to 94.70): BG
 200000 Ion 80.00 (79.70 to 80.70): BG
 100000
 0

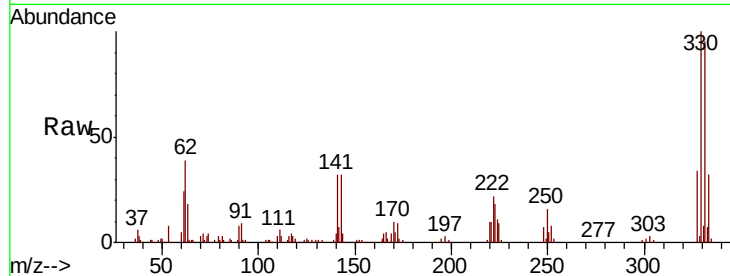




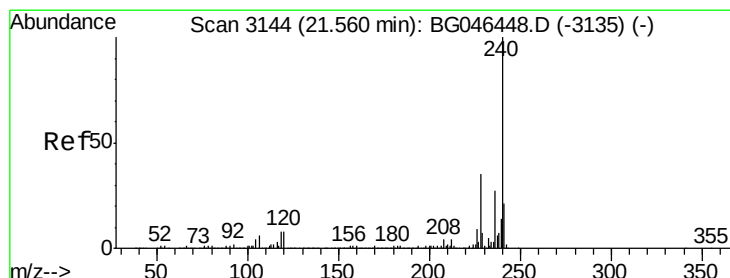
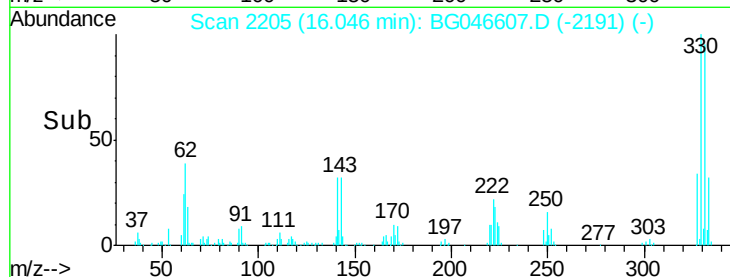
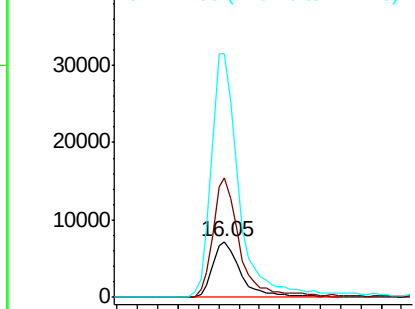
#67
 4-Bromophenyl-phenylether
 Concen: 2.640 ng
 RT: 16.05 min Scan# 2205
 Delta R.T. -0.45 min
 Lab File: BG046607.D
 Acq: 14 Sep 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB131594BL

Tot Ion:248 Resp: 13945
 Ion Ratio Lower Upper
 248 100
 250 215.1 78.6 118.0#
 141 436.9 43.9 65.9#

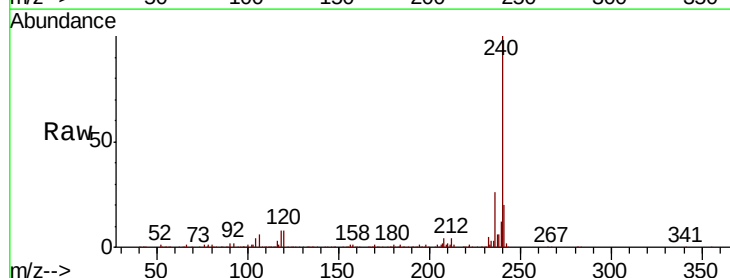


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

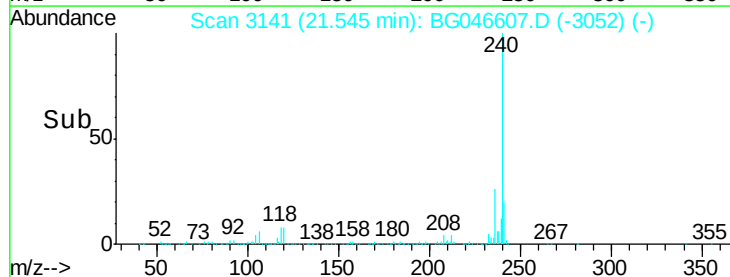
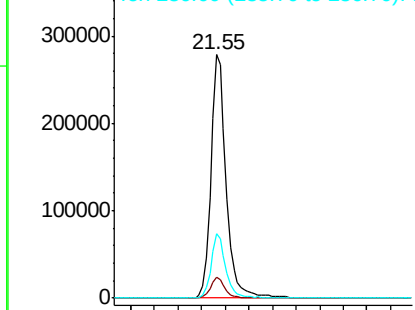


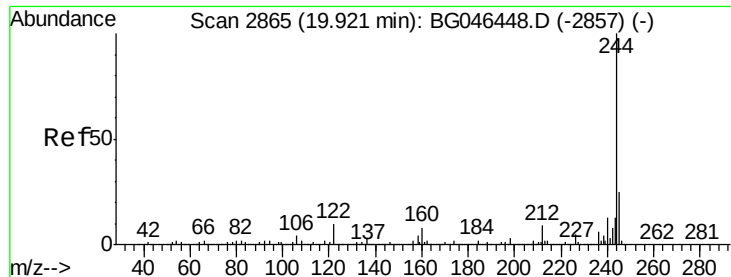
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG046607.D
 Acq: 14 Sep 2020 17:31

Tgt Ion:240 Resp: 499445
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.6 10.0
 236 26.2 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: 57.092 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046607.D

Acq: 14 Sep 2020 17:31

Instrument :

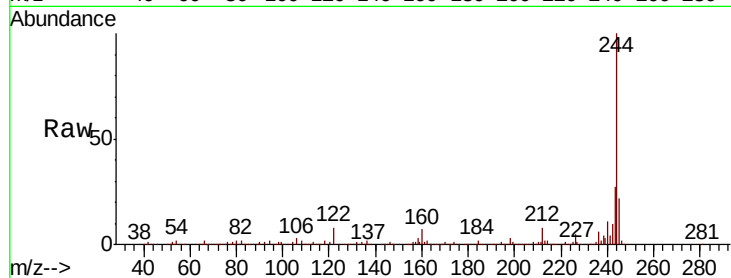
BNA_G

ClientSampleId :

PB131594BL

Tot Ion:244 Resp: 1339851

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.9	10.3
122	8.3	8.2	12.4

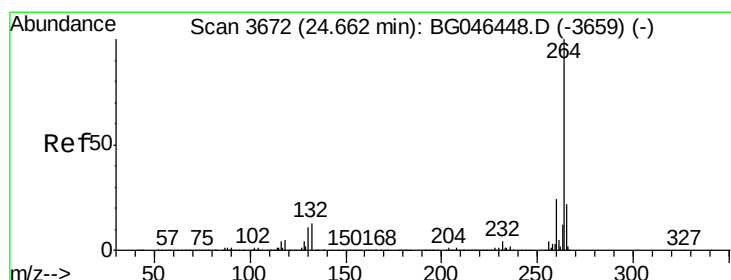
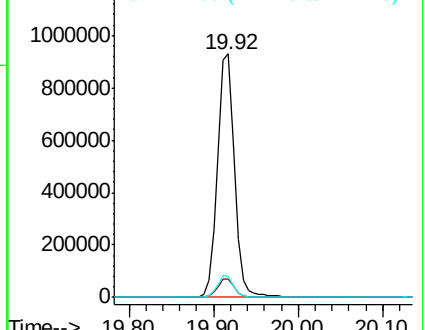
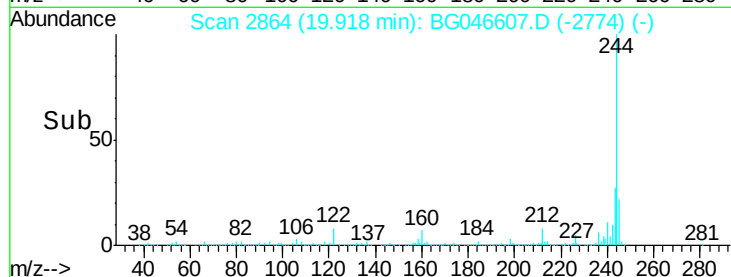


Abundance

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# 3669

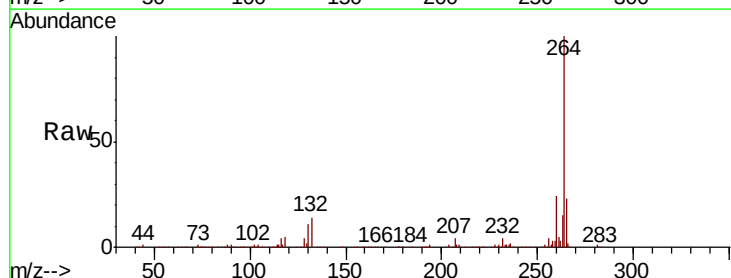
Delta R.T. -0.01 min

Lab File: BG046607.D

Acq: 14 Sep 2020 17:31

Tgt Ion:264 Resp: 477277

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.5	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

