

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
 Data File : BG046644.D
 Acq On : 16 Sep 2020 17:21
 Operator : CG/JU
 Sample : L4007-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11929RE

Quant Time: Sep 16 18:10:00 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 16 11:07:52 2020
 Response via : Initial Calibration

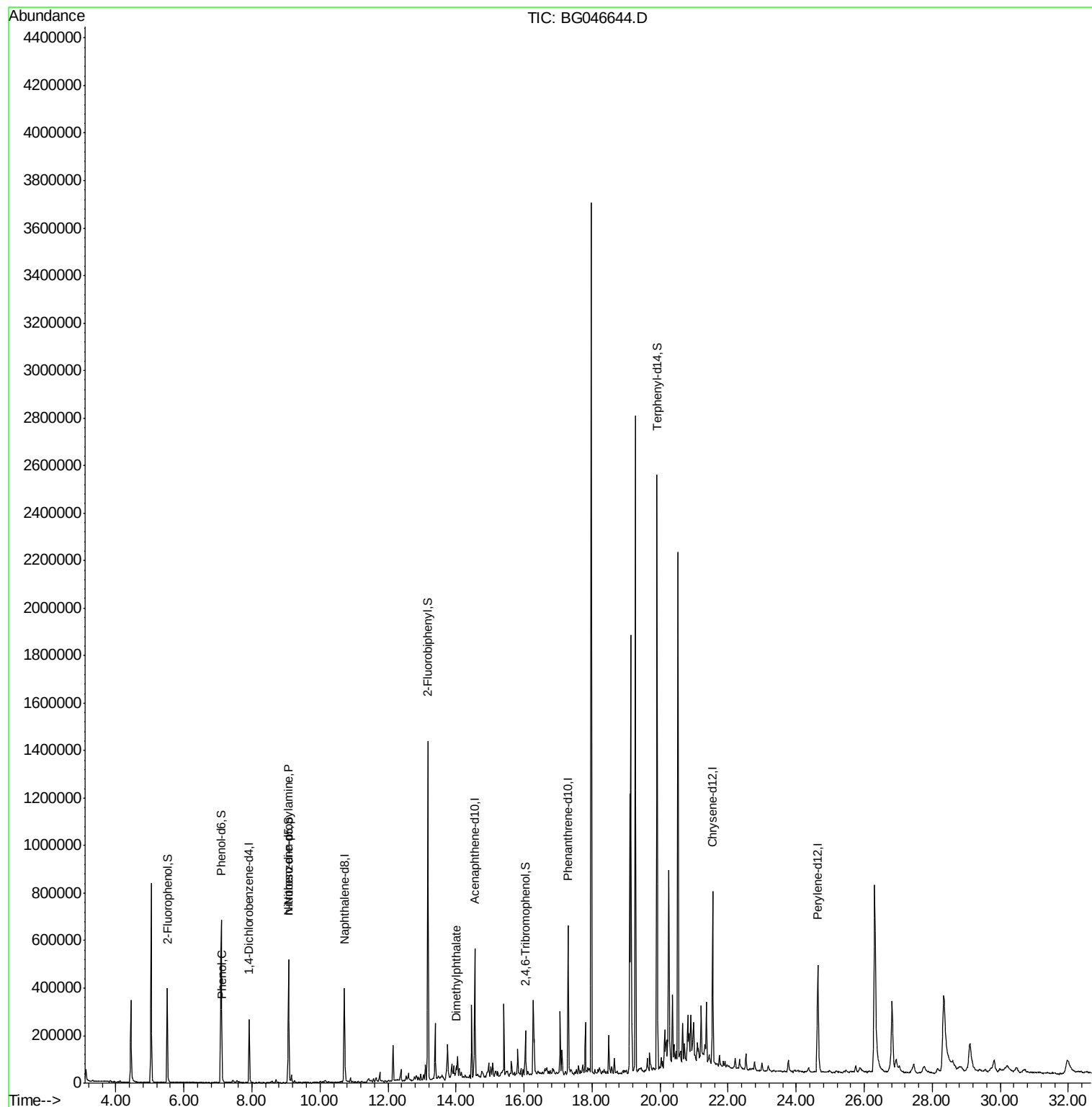
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	85240	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	338790	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	193721	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	424152	20.00	ng	0.00
76) Chrysene-d12	21.54	240	453473	20.00	ng	0.00
86) Perylene-d12	24.63	264	460384	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	195035	40.53	ng	0.00
7) Phenol-d6	7.10	99	459359	67.33	ng	0.00
23) Nitrobenzene-d5	9.08	82	333987	56.34	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	36637	13.96	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	805865	63.50	ng	0.00
79) Terphenyl-d14	19.91	244	1115035	52.33	ng	0.00
Target Compounds						
10) Phenol	7.12	94	12956	2.062	ng	88
19) n-Nitroso-di-n-propylamine	9.08	70	42424	10.396	ng	# 78
50) Dimethylphthalate	14.00	163	34668	2.313	ng	96

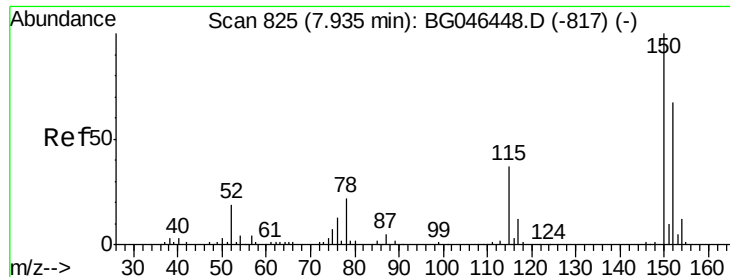
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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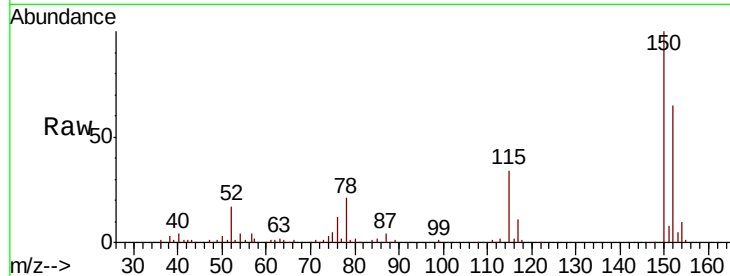


#1

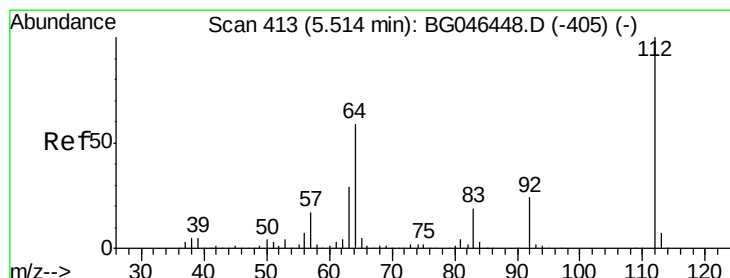
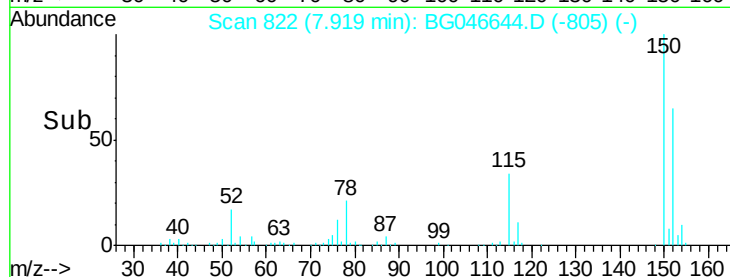
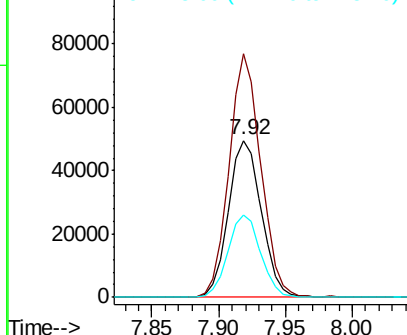
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG046644.D
Acq: 16 Sep 2020 17:21

Instrument :
BNA_G
ClientSampleId :
72-11929RE

Tot Ion:152 Resp: 85240
Ion Ratio Lower Upper
152 100
150 154.9 125.0 187.6
115 52.3 41.8 62.6



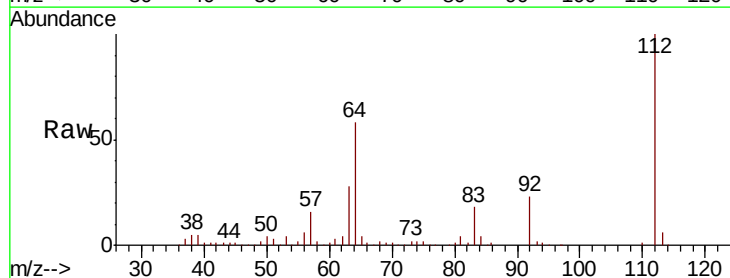
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



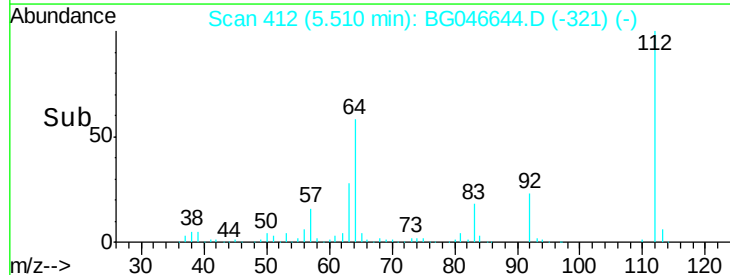
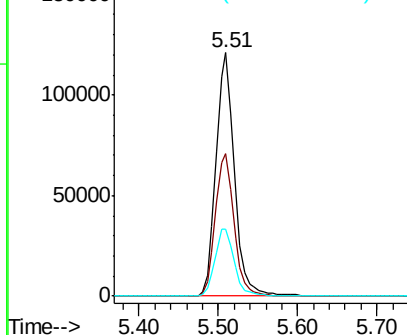
#5

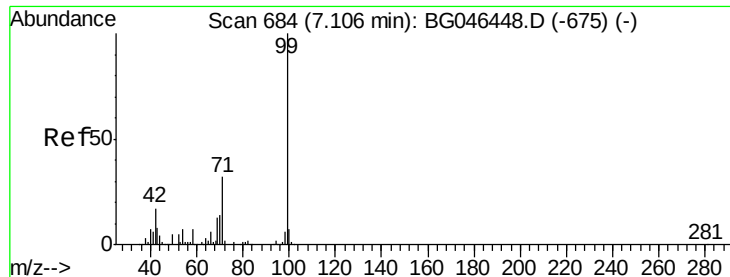
2-Fluorophenol
Concen: 40.526 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.01 min
Lab File: BG046644.D
Acq: 16 Sep 2020 17:21

Tgt Ion:112 Resp: 195035
Ion Ratio Lower Upper
112 100
64 58.4 46.7 70.1
63 27.6 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: 67.331 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046644.D

Acq: 16 Sep 2020 17:21

Instrument :

BNA_G

ClientSampleId :

72-11929RE

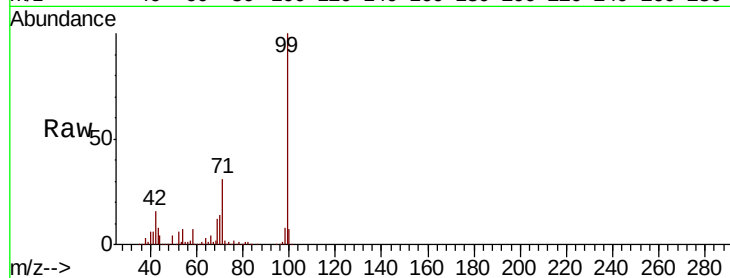
Tot Ion: 99 Resp: 459359

Ion Ratio Lower Upper

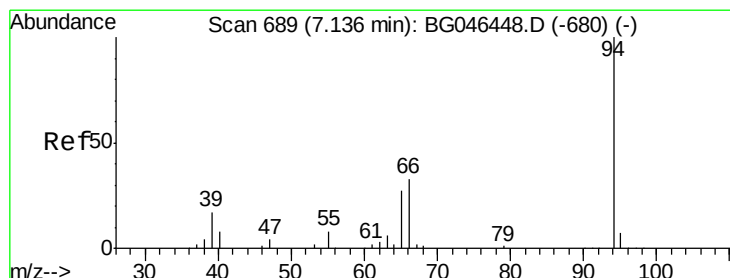
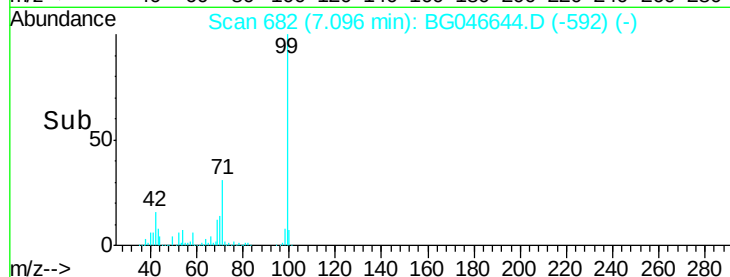
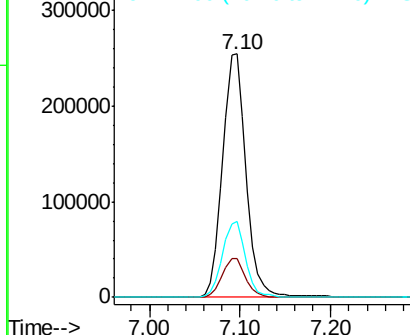
99 100

42 15.7 12.8 19.2

71 31.0 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: 2.062 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG046644.D

Acq: 16 Sep 2020 17:21

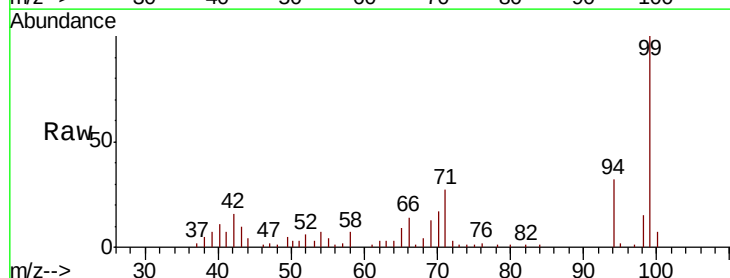
Tgt Ion: 94 Resp: 12956

Ion Ratio Lower Upper

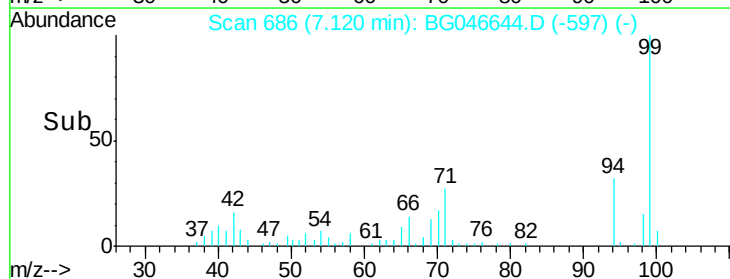
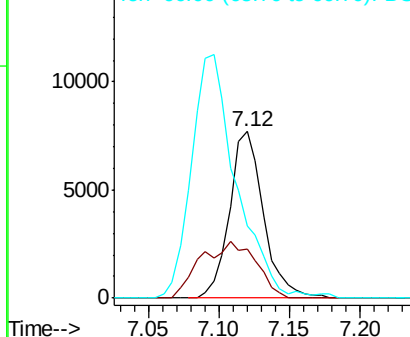
94 100

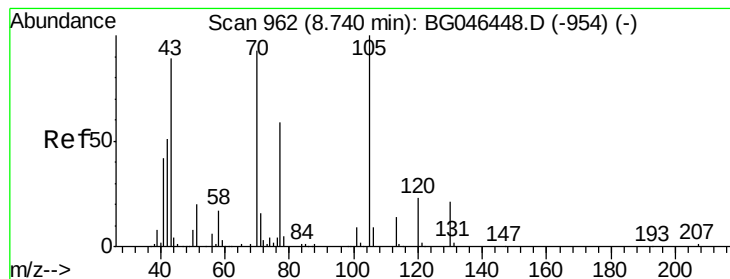
65 29.6 6.6 46.6

66 43.5 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: 10.396 ng

RT: 9.08 min Scan# 1019

Delta R.T. 0.35 min

Lab File: BG046644.D

Acq: 16 Sep 2020 17:21

Instrument :

BNA_G

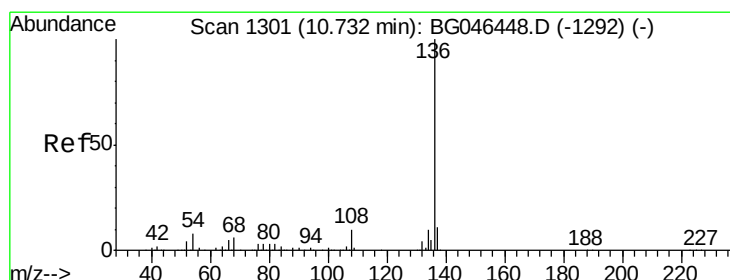
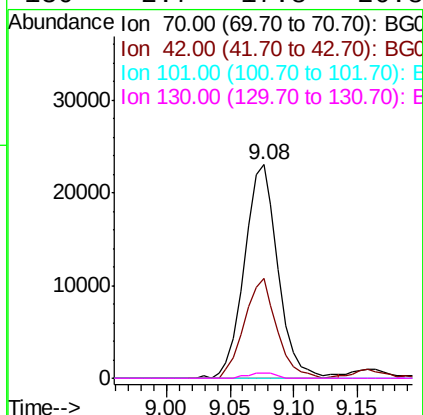
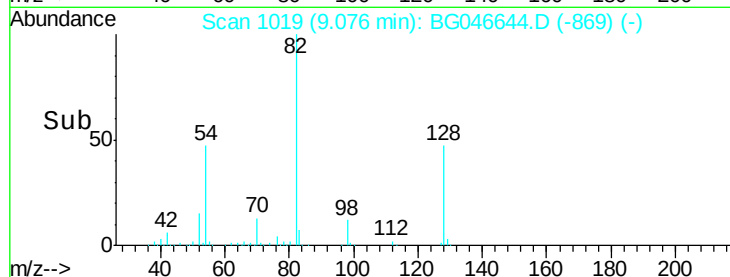
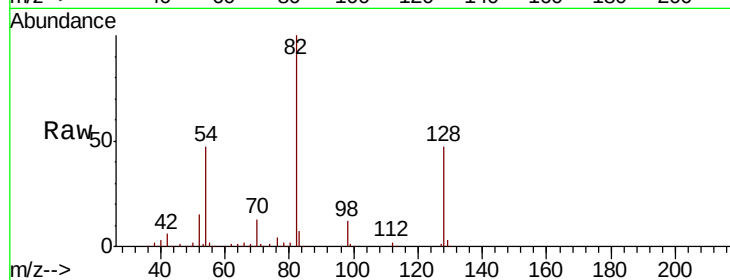
ClientSampleId :

72-11929RE

Tot Ion: 70 Resp: 42424

Ion Ratio Lower Upper

70	100		
42	46.9	45.6	68.4
101	0.0	8.4	12.6#
130	2.7	17.8	26.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1298

Delta R.T. 0.00 min

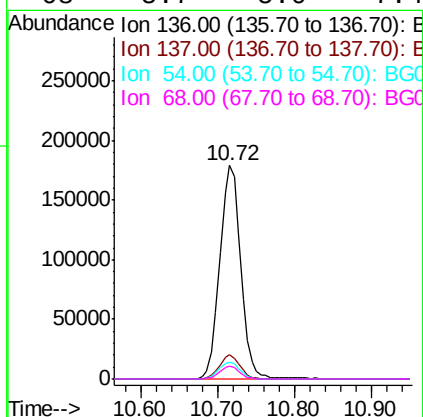
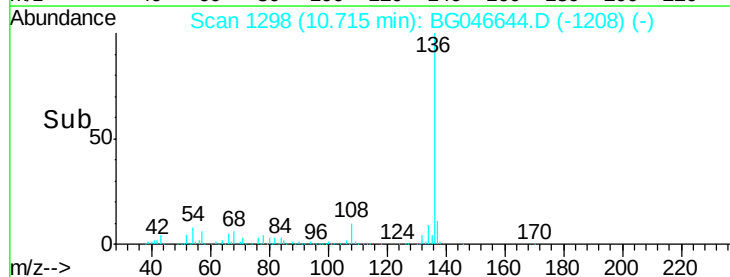
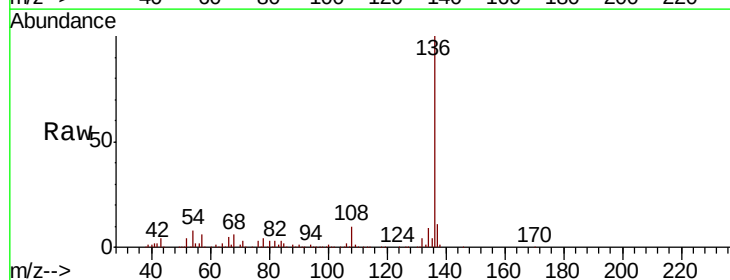
Lab File: BG046644.D

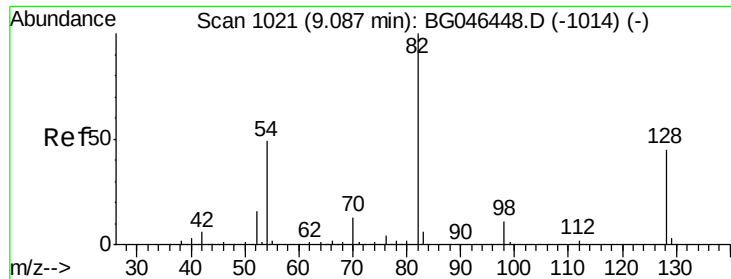
Acq: 16 Sep 2020 17:21

Tgt Ion: 136 Resp: 338790

Ion Ratio Lower Upper

136	100		
137	11.2	9.1	13.7
54	7.7	6.2	9.4
68	5.7	5.0	7.4

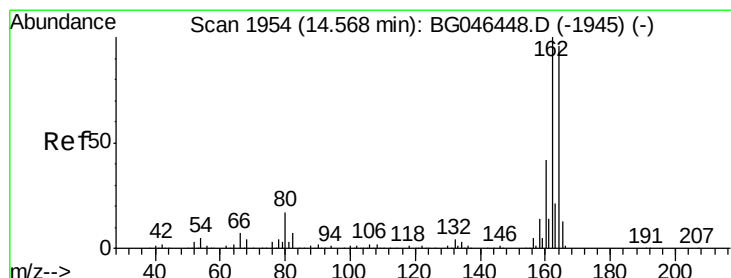
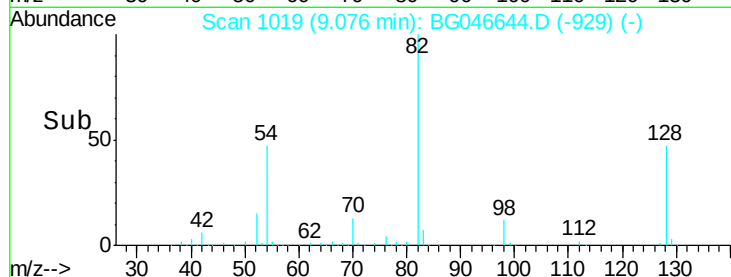
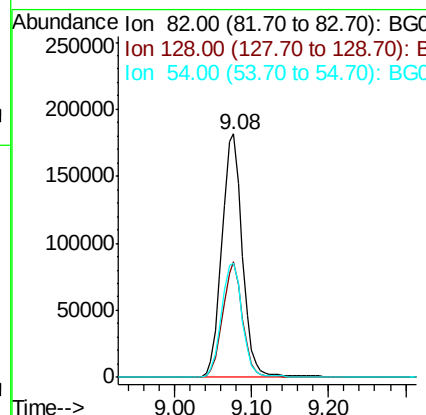
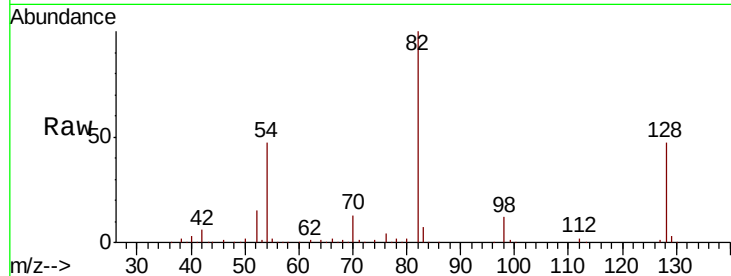




#23
 Nitrobenzene-d5
 Concen: 56.345 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG046644.D
 Acq: 16 Sep 2020 17:21

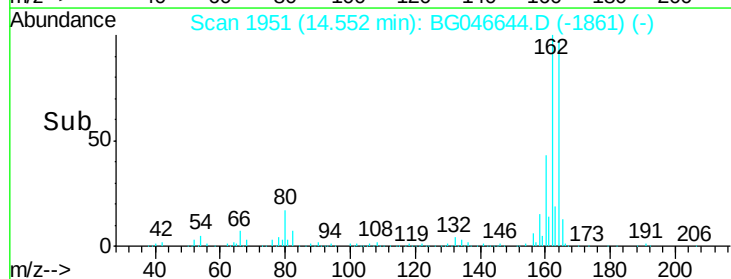
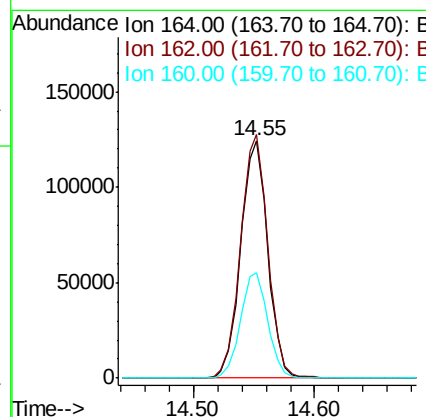
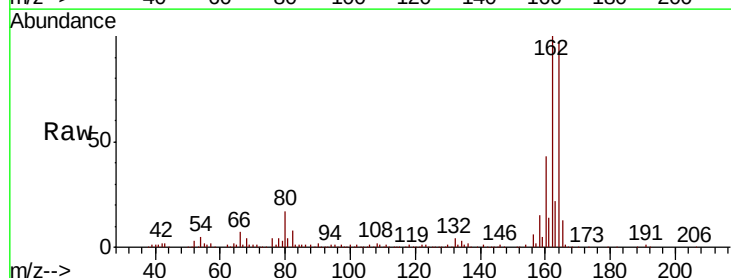
Instrument :
 BNA_G
 ClientSampleId :
 72-11929RE

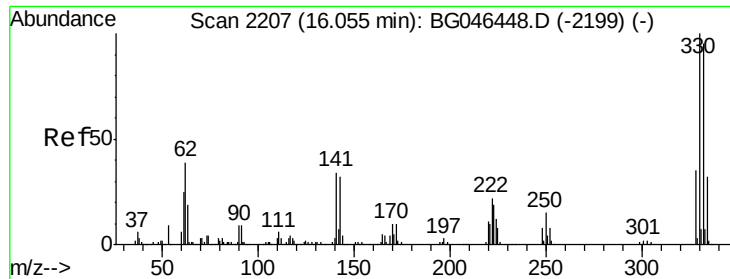
Tot Ion	82	Resp	333987
Ion Ratio	100	Lower	Upper
128	47.3	37.0	55.6
54	47.0	39.0	58.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG046644.D
 Acq: 16 Sep 2020 17:21

Tgt Ion	164	Resp	193721
Ion Ratio	100	Lower	Upper
162	102.6	82.3	123.5
160	44.3	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 13.958 ng

RT: 16.04 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG046644.D

Acq: 16 Sep 2020 17:21

Instrument :

BNA_G

ClientSampleId :

72-11929RE

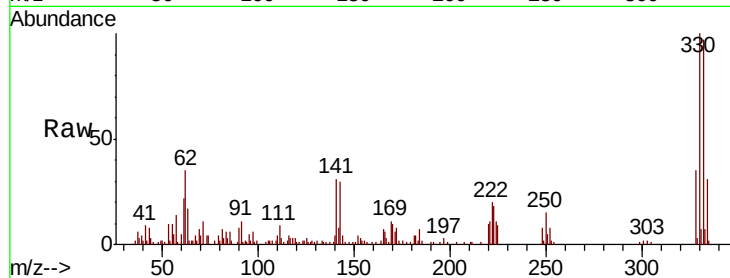
Tot Ion:330 Resp: 36637

Ion Ratio Lower Upper

330 100

332 95.9 76.5 114.7

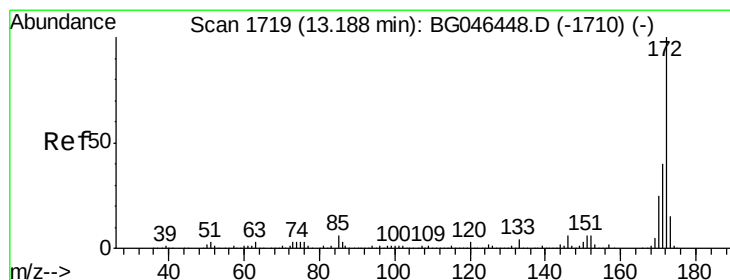
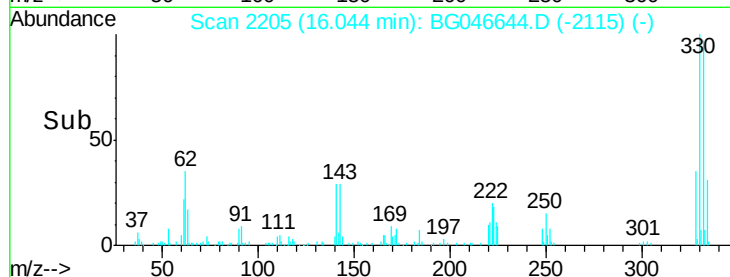
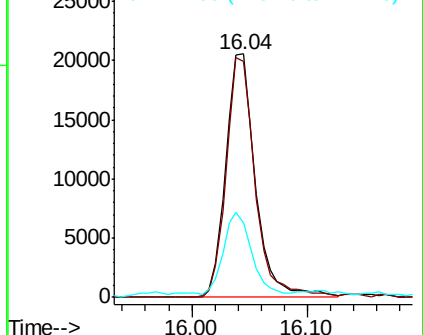
141 32.1 26.0 39.0



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: 63.504 ng

RT: 13.17 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BG046644.D

Acq: 16 Sep 2020 17:21

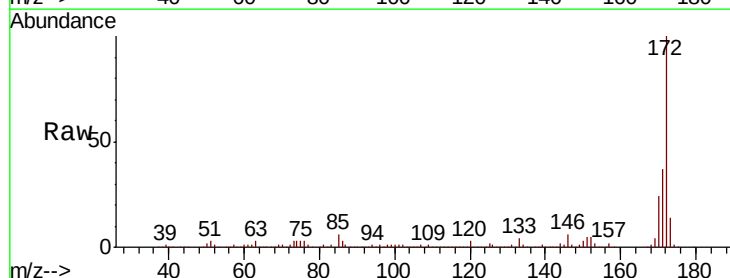
Tgt Ion:172 Resp: 805865

Ion Ratio Lower Upper

172 100

171 37.5 31.3 46.9

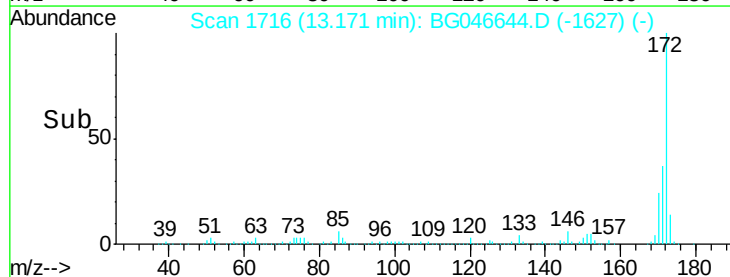
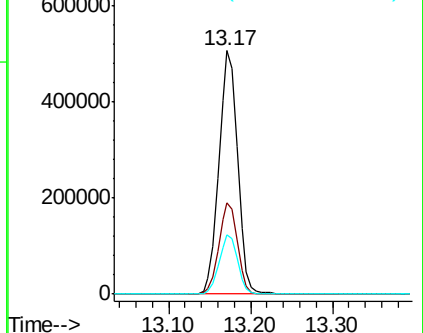
170 24.3 20.8 31.2

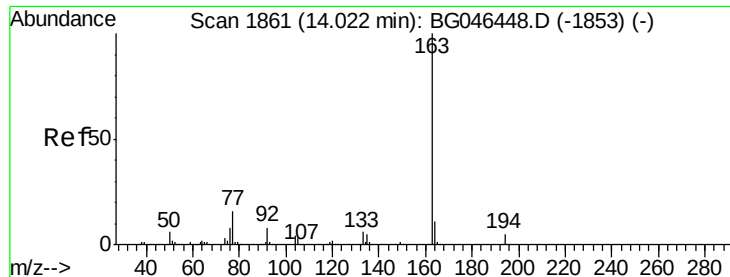


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.313 ng

RT: 14.00 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG046644.D

Acq: 16 Sep 2020 17:21

Instrument :

BNA_G

ClientSampleId :

72-11929RE

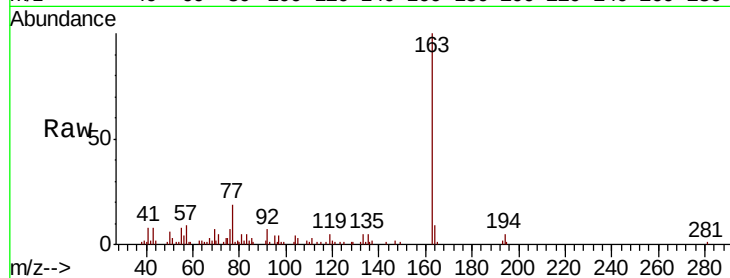
Tot Ion:163 Resp: 34668

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.8

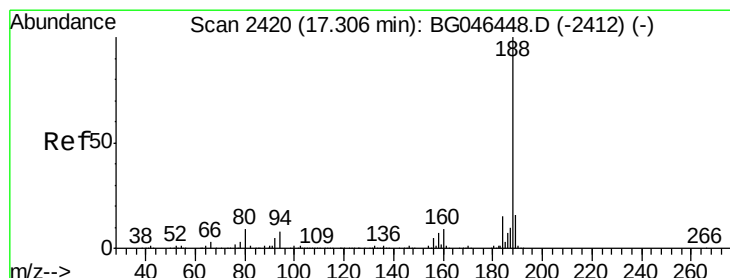
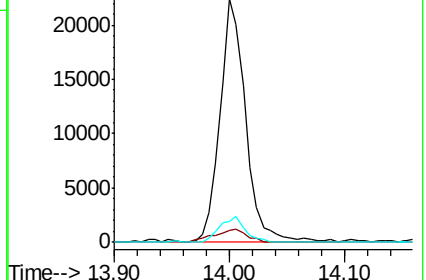
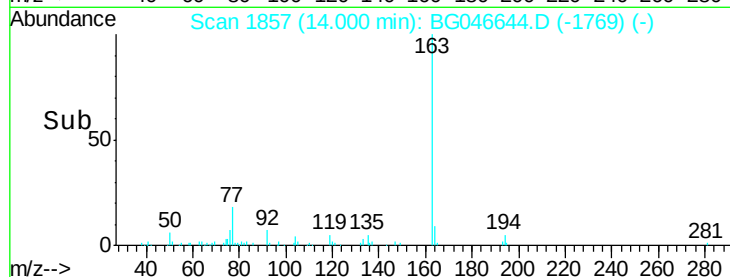
164 8.8 8.8 13.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG046644.D

Acq: 16 Sep 2020 17:21

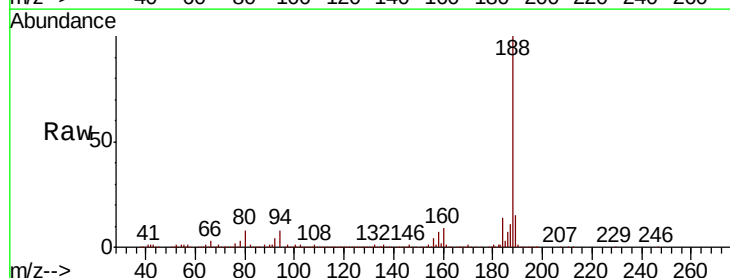
Tgt Ion:188 Resp: 424152

Ion Ratio Lower Upper

188 100

94 7.8 6.3 9.5

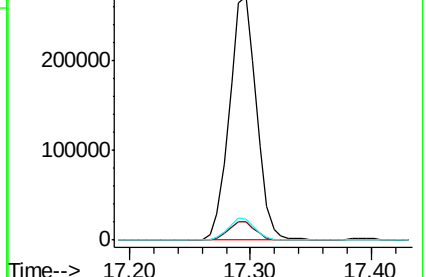
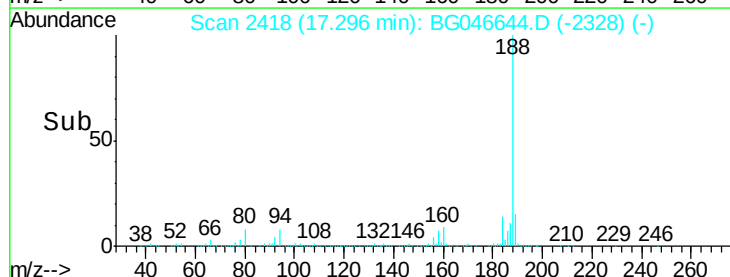
80 8.4 7.0 10.6

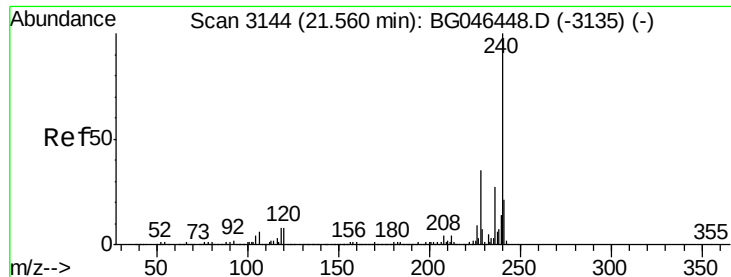


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG046644.D

Acq: 16 Sep 2020 17:21

Instrument :

BNA_G

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72-11929RE

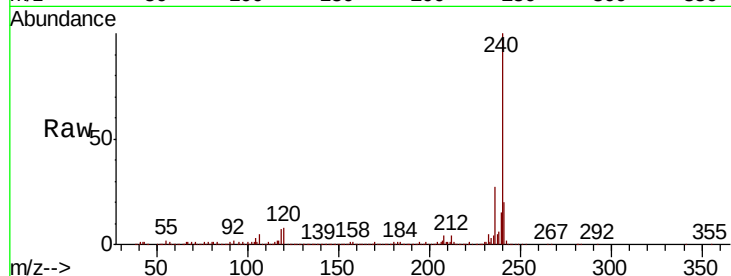
Tot Ion:240 Resp: 453473

Ion Ratio Lower Upper

240 100

120 7.8 6.2 9.4

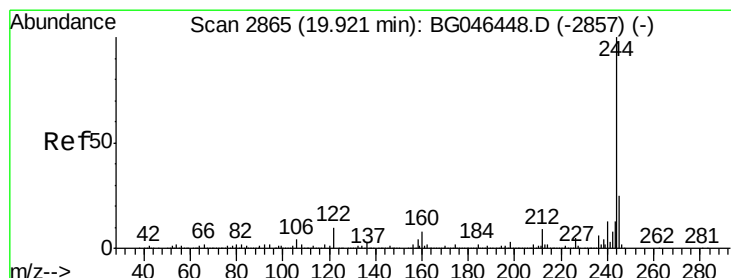
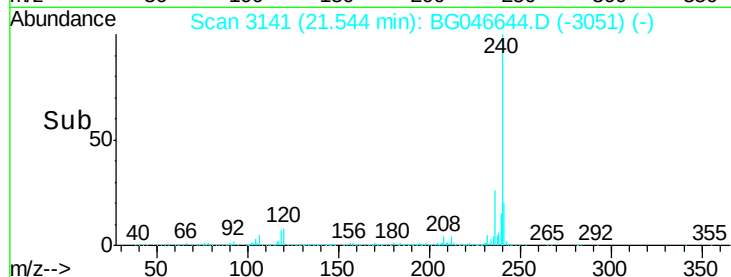
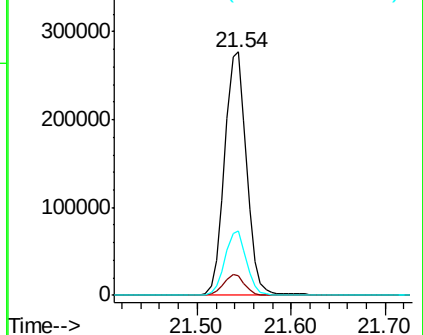
236 26.5 20.5 30.7



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



#79

Terphenyl-d14

Concen: 52.329 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG046644.D

Acq: 16 Sep 2020 17:21

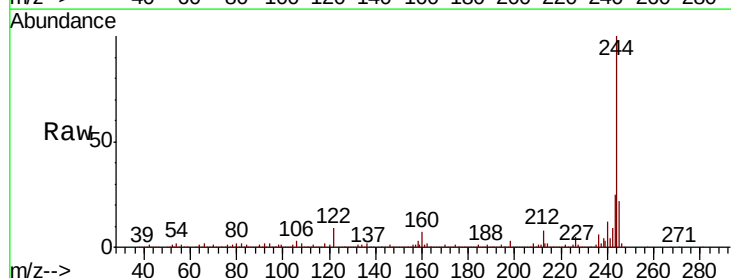
Tgt Ion:244 Resp: 1115035

Ion Ratio Lower Upper

244 100

212 7.7 6.7 10.1

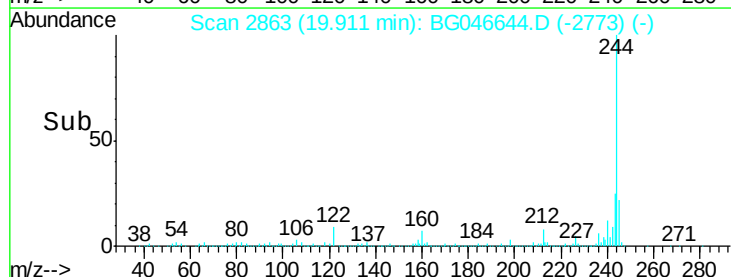
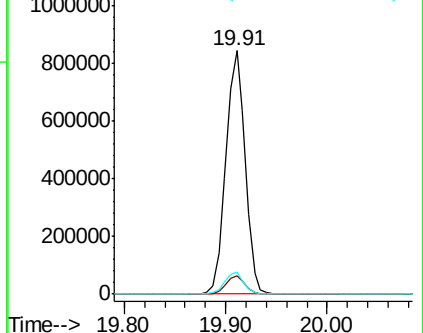
122 9.0 7.8 11.6

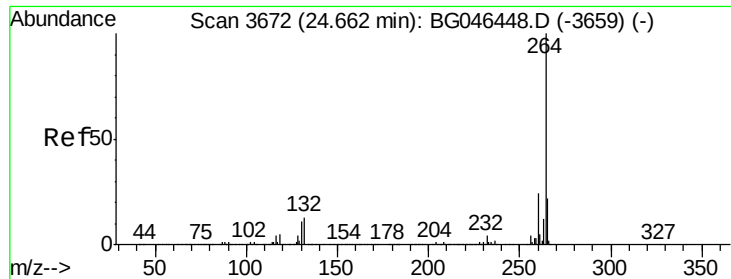


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.63 min Scan# 3667
Delta R.T. 0.00 min
Lab File: BG046644.D
Acq: 16 Sep 2020 17:21

Instrument :
BNA_G
ClientSampleId :
72-11929RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	22.2	17.8	26.8

